YEARLY STATUS REPORT - 2022-2023

Part A
Data of the Institution

1.Name of the Institution	Jawaharlal college of Engineering and Technology
• Name of the Head of the institution	Dr.N Gunasekaran
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04662344800
• Mobile no	9894329192
• Registered e-mail	principal@jawaharlalcolleges.com
• Alternate e-mail	office@jawaharlalcolleges.com
• Address	Jawahar Gardens, Lakkidi, Mangalam
• City/Town	Ottappalam
• State/UT	Kerala
• Pin Code	679301
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**	
• Name of the Affiliating University	**APJ Abdul Kalam Kerala Technological University**	
• Name of the IQAC Coordinator	**Dr.Shine K**	
• Phone No.	**9446344648**	
• Alternate phone No.	**8075256716**	
• Mobile	**9446344648**	
• IQAC e-mail address	**iqacjcet@gmail.com**	
• Alternate Email address	**iqacjcet@gmail.com**	

3.Website address (Web link of the AQAR (Previous Academic Year)

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

• if yes, whether it is uploaded in the Institutional website Web link:	https://jawaharlalcolleges.com/downloads/aqar/criteria1/1.1.2/1.1.2-document-3.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A+**	**3.38**	**2023**	**28/02/2023**	**27/02/2028**

6.Date of Establishment of IQAC — **28/06/2019**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

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	**4**
• 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 during the current year (maximum five bullets)

Regular internal academic audits: Twice a year Regular external academic audits

Once a year ISO 9001:2015 Quality audits

Conducted international and national conferences, seminars, workshops and FDPs to improve the skills of Faculties and students.

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
Seminar on Outcome Based Education	**Teaching learning skills has been improved**
FDP on Quality Improvement of teachers	**The academic quality is improved**
Brain storming session on How to improve examination results	**Results of students have been improved**

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

Name	Date of meeting(s)
Governing Council	12/04/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	28/02/2024

15.Multidisciplinary / interdisciplinary

JCET has a clear vision and Mission towards Molding True Citizens which is the motto of the Trust. The Vision and Mission of the Institute are imbibed into the different levels with the Vision and Mission of the departments / sections. All the stake holders viz students, parents, Industry, Alumni, Faculty Members and others are delineated with Vision / Mission through meetings, display boards, website etc.,. In addition to the curriculum, the Institute instills the interest among the students that Mother nature is supreme. All events are imbibing this culture. Arts / culture programmes are part of the academic calendar towards multi disciplinary learning and adoption in life. Students are encouraged to choose elective courses from other programmes for interdisciplinary approach. Basic Sciences and Humanities courses are interwoven into the curriculum. For example, there are open elective courses from Mathematics and students shall avail it in eight semester as well. The institute regularly organizes industrial visits field visits and tours during the period of study. NCPIR arranges training programmes and internships in addition to the effort by the Departments. Curriculum is flexible such that it has got 3 baskets for the choice of students. Life skills, Environmental Sciences, sustainable Engineering, Design Engineering, Professional ethics courses are available for the students to learn and adapt in their programme of study. Most of the Minor / Major projects are interdisciplinary in nature and it enables them with inter/Multi-disciplinary approach. Though the institute is ready to take up multi entry / multi exit approach, the structure needs to be further discussed and implemented. Faculty members and students are encouraged to understand the needs of the society rather the needs of programme of study and hence the research percolates from small projects to research level projects. The institute inspires the students to hone their skills in the domain of their passion and apply the skills in real life. A lot of girls are in NCC and lead from the front.

16.Academic bank of credits (ABC):

Within the ambit of affiliated to APJAKTU, the institute encouraged the faculty members and students to explore the choice of credits through the choice of the courses. The Institute has not registered under the ABC. For UG Programmes, 162 credits are expected to be completed by a student as per theaffiliating University. We wish to explore the NEP implementation for multi entry and exit through the proper split of credits in each year with the kind of the courses to be completed for certificate, Diploma and Degree programmes as well. Faculty members are encouraged to specialize in different thrust areas and they are part of the University Board of studies at PG level. Learning materials such as text books, e books, are published by the faculty members. However they have to improve the quality and quantity. Direct and indirect assessment methods are employed for the attainment of COs and POs.

17.Skill development:

The Institute has taken an exclusive mission statement towards making the students skilled for the requirement of industries. NCPIR, takes lead in devising the training programmes based on the requirement of the industries and provide skill development courses in the campus itself. For this NSQF is taken into account and accordingly the courses are designed and delivered. The institute designs add on courses which ensures the skill development of the students. For example, Mechanical Engineering offers Design using CAD software, Civil Engineering offers Building Design. Computer Science and Engineering offers Programming wise Python, ECE offers Rasphey Di and Aeronautical offers Modelling and Analysis of Aircraft structures. The institute starts the day with Quality Circle – Placement Circle (QC-PC) Activities with a Quote in it. Each day, a student will describe a quote and generate positivity among the students. Moreover students do group discussions on varied aspects and enlighten others as well. In curriculum there is a course on Constitution of India and the students have to secure a pass. Various events / Programmes organized in the Campus reflects the culture of India and ensures the respect for senior citizen, values and ethos. A courses on life skills is taught in the first year and the students are trained with language skills. The students enroll themselves in NCC / NSS, student clubs, Professional bodies and department associations for developing their leadership skills through physical, mental and emotional fitness programmes.

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

The institute adapts the bilingual mode and delivering classes is a means to make the students understand theory and concepts since the

institute is located in rural part of Kerala. The Vernacular language helps the faculty members to build the confidence with the students and further build their learning with English. The students are encouraged to present their views in vernacular language and if they are conversant with the knowledge, they could make a lot of impact on the subject matter later. For example, there are a lot of student settled down in different parts of the Nation and World and they are successful in life. There is a limitation in offering a degree programme by the institute as this is an affiliated Institution to APJAKTU. However institute is ready to offer certificate, diploma and degree programmes once it is entitled by NEP 2020.

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

The institute promotes the outcome based education. The alumni of JCET are excelling in their career after completing their studies duly. For example, Mr. K. Arjun, 2017 Batch B.Tech Mechanical Engineering has secured UPSC rank of 265th in All India level. Ms. Ragi Ramachandran 2010-2014 Batch of B.Tech Aero has become Flying Officer in Indian Airforce. There are possible through systematic delivery of programmes with the defined Course Outcomes, Programme Outcome, Programme Specific Outcome, Programme Educational Objectives, Mission and Vision of the department leading to vision and Mission of the Institution. Faculty members and staff are trained in setting the targets and achieving them towards the Course Outcome attainment and Programm Outcome attainment. Equally attainments of laboratory courses are done systematically. Bloom's taxonomy is also linked with the assessments. The course of a project is mapped with many programmes outcomes and attained. A few projects have been published as papers and patents. Activity points are included in the curriculum to meet the requirements of certain POs such as Engineer and Society, Ethics, Communication etc., Skill development is focused at different stages of student transformation from first year to final year.

20.Distance education/online education:

Since our institute is an affiliated college,we are not offering distance education/onlinde education.

Extended Profile

1.Programme

1.1   233

Number of courses offered by the institution across all programs

during the year

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

2.Student

2.1   **964**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **158**

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

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

2.3   **280**

Number of outgoing/ final year students during the year

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

3.Academic

3.1   **93**

Number of full time teachers during the year

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

3.2   **77**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**233**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**964**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**158**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**280**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**93**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	77

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	39
4.2 Total expenditure excluding salary during the year (INR in lakhs)	717.32236
4.3 Total number of computers on campus for academic purposes	348

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

Yes. JCET is affliliated to APJ Abdul Kalam Technological University (APJ A KTU),Thiruvananthapuram, Kerala and follows the curriculum implemented by the university with effect from 2019 schemes. All the academic and non-academic activities are followed as per the KTU published academic calendar.. Institutional level and department level various training programmes are effectively conducted during the academic year 2022-23.In the beginning of the academic semester, the college prepares an academic calendar (semester-wise academic schedule) comprising the entire schedule for the semesterand is approved by IQAC. Before the end of current semester, the courses for next semester from curriculum are allotted to the faculty.. Options are given to students for selecting the elective courses, which in turn is consolidated by the Senior Advisor and presented to DAC.The concerned faculty for each course prepares a detailed lesson plan, giving the units of the syllabus and proposed date of completion of the unit.Co-curricular and extra-curricular activities like Nehru Science

Innovation & Technology Expo (NSITE), Malhar, Bloom, NCC & NSS etc. aim to bring about holistic personality development of students. . Students' chapters of professional bodies like IEEE, IEI along with Clubs like Coders Club organize technical competitions, workshops, seminars, etc. to make the students up with the fast-changing industrial needs. NGI TBI will act as a "One Stop Shop Business Incubation Centre" for Startups in facilitating an Entrepreneurial & Innovative Ecosystem to all the stakeholders.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria1/1.1.1.pdf

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

The institution adheres to the academic calendar published by APJ Abdul Kalam Technnological University (KTU) and follows the schedule to conduct Continuous Internal Evaluations (CIE). Before the commencement of each semester APJAKTU publishes 'Academic calendar' containing the relevant information regarding the teaching learning schedule (working days), various events to be organized, holidays, dates of internal examination, uploading of attendance & internal marks, semester examination etc. Through academic calendar, teachers & students get aware of all the activities regarding continuous internal evaluation process and it is also published on website of the college and displayed in the Academic office. The students' academic progress is monitored regularly by adopting the strategy of continuous internal evaluation, seminars, project work, unit test and semester examinations. T For the implementation of Internal Assessment Process, Examination committee is formed at the college level which monitor overall internal assessment process. For the end semester examination based on the registration of students university prepares the appearing students list and after receiving enrolled list of the students' by the University, the college prepares seating arrangement chart, list of invigilators etc.R. In addition the internal audit conducted by IQAC which ensures the compliance to verify with documentary evidence.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria1/1.1.2/1.1.2-document.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	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	No File Uploaded

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

8

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)

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	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

270

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

JCET is a mixed college where both boys & girls take admission to various programmes. The institution follows mixed classrooms and department rooms without any discrimination for boys and girls/gents and ladies. Academic Subjects such as Professional Ethics, Constitution of India, Environment, and Sustainability are taught with due importance to impart awareness to the students. Student mentoring is done very efficiently in the institute and any grievances related to academic or non-academic matters are addressed by the Faculty Advisor, Senior faculty members & HODs of the departments concerned. Disciplinary action Committee, Anti Ragging Committee, Women Cell, and Grievance Redressed Cell take care of gender issues if any. As part of the Teaching-learning process, our facultymembers are actively participating in the different Workshops & FDPs on Universal Human Values.IEEE WIE (Woman in Engineering) affinity group of JCET is dedicated to promoting women engineers and scientists and inspiring girls to

follow their academic interests in a career in engineering and science.The major activities of the NSS unit of JCET are organizing Blood donation camps in the Institute, cleaning of various water bodies, road cleaning, collection for flood relief camp, cleaning of flood-affected houses, organizing awarenesscampaigns for road safety, anti-plastic, anti-drug, etc.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

75

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

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

377

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

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://jawaharlalcolleges.com/downloads/aqar/criteria1/1.4.1/B.%20EMPLOYERS.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://jawaharlalcolleges.com/downloads/aqar/criteria1/1.4.2/1.4.2-facing-sheet.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

258

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

158

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

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

Assessment of the learning levels of freshly admitted students is an integral part of the post-admission process of the college. A two week long bridge course is provided to all first year students including technical and creative sessions. JCET believes in outcome-based learning processes, where we identify students as slow learners and advanced learners based on Gardner's Theory of Multiple Intelligences. The categorization of students is based on the qualifying marks for UG Programmes and scores of the entrance test for the PG programmes, considered for admission, students' response in bridge course, class interactions and test performances. In the higher semesters, different programmes are implemented for both advanced and slow learners.

Slow Learners

- Remedial and tutorial sessions closely monitored by the departments to ensure quality and productivity,Group tutoring system helps to identify and provide individual care,Tutor takes extra effort to understand the socio-economic backgrounds

Advanced Learners

- **Skill development courses and software based learning for competitive exams**
- **Encouraged to take up MOOC, AICTE SWAYAM and NPTEL Courses**
- **Specialized coaching classes to help crack competitive exams**
- **Guided to take honors and minor degree courses provide by the APJ-KTU**
- **Given opportunities to be part of innovative projects and other technical initiatives**
- **Encouraged to conduct workshops and seminars to share their knowledge**

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.2.1/2.2.1_facing_sheet.pdf
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
964	**93**

File Description	Documents
Any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

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

Experiential learning is a process through which students develop knowledge, skills, and values from direct experiences outside a traditional academic setting. The College, by virtue of its funding principles, is committed to community outreach. Students get to know the pulse of the society, its needs and challenges through experiential learning.Industry visits and industry-academia conclaves to help students develop comprehensive idea of the working of the industrial sector,Industry and educational field visits in getting exposure to the corporate world.Internships with reputed firms add to the scaling-up of professional experience of the students,Hands-on training in relevant skill-based courses to enable them to actuate their latent interest in the industry..In participative learning the

process and outcomes are owned by the team of students and the teacher. The students take greater control of their own learning by participating in the planning and implementation of service projects. Group discussions and peer learning circles,Webinars and video conferences to increase the scope for participation,Inter-disciplinary projects and case studies undertaken to widen the horizon of the discipline Encouragement to enroll for MOOC Courses etc.

Problem-solving is the ability to identify and solve problems by applying appropriate skills systematically. Following are problem solving methods are used.Case-study method,Soft skill development programmes by eminent trainers,Experts' (industry executives and public figures) talks on problem solving methods,Learning through games,Ample opportunities for 'do-it-yourself' techniques.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.3.1/2.3.1_facing_sheet.pdf

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

The college is fully equipped with cutting-edge ICT tools to enhance the quality of teaching- learning process. Majority of the classrooms are equipped with Interactive Intelligent PanelsICT classrooms enabled with high quality projector, laptop, internet facility and smart boards,Seminar halls are equipped with all digital facilities,Printers and scanners installed at labs, HOD cabins and all prominent places,Photocopier machines - multifunction printers are available at all prominent places in the college,Encourages students and teachers to try other ICT resources,Use of Learning Mangement System like MOODLE (Modular Object).I-Campuz, the College ERP used forAttendance-management and examination marksInterface to effectively carry out assignments.

- **Digital library:Makes online content available to the college community.Allows access to subscription-based journals from prestigious sources.**
- **Language Lab:Teachers make use of the lab to enhance language learning through specific software for improving**

Listening, Speaking, Reading, and Writing (LSRW) skills.
- Continuous and consistent ICT-based learning environment
- Support and appreciation for faculty and students to take up MOOC courses
- Well-equipped computer labs help teachers and students to avail online content within the college
- Teachers also use NPTEL platform for accessing online content in their respective fields and this helps them to get updated on the contemporary situation of the discipline.
- Encourage the faculty to make use of Smart Applications like Padlet, Mentimeter, Plickers, uReply etc

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

66

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

2.4 - Teacher Profile and Quality

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

93

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

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

12

File Description	Documents
Any additional information	**No File Uploaded**
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)	View File

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

558

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

College is affiliated to A.P.J. Abdul Kalam Technological University, and hence, follows its rules and guidelines regarding the assessment and evaluation process of performance of students.Academic calendar is prepared at the beginning of each semester.Thus, students know about the dates of series tests, submission of assignments well in advance and hence, can plan accordingly. .For sessional assessment, an internal exam cell is constituted with Principal as the Head , exam cell coordinator and one member from each department. Two series tests are conducted for the Internal Assessment as per APJ Abdul Kalam Technological University, Kerala. The question papers are verified by the IQAC co-ordinator and the Head of the Department. Exam is conducted by the exam cell in a coordinated manner. If a student is not able to attend the internal tests due to any valid reason, that student should take prior permission from the course handling faculty, class in charge and Head of the department. Retest is conducted in that case. Answer sheets are evaluated and checked answer sheets are shown to the students within three days on completion of tests. If there is any difference or discrepancy in their marks, they can correct it immediately. . Assignments are given to the students, in order to attain the course outcomes (COs) . Continuous Internal Evaluation Pattern is:

Attendance

Continuous Assessment Test (2 numbers)

Assignment/Quiz/Course project

10 marks

25 marks

15 marks.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.5.1/2.5.1%2022-23.pdf

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

A transparent, time-bound and efficient method is being followed

in JCET for dealing internal examination related grievances. The college follows strictly the guidelines and rules issued by the APJ Abdul Kalam Technological University while conducting internal and end semester examinations.At Institute level, an examination committee, comprising of a senior teacher as convener and other teaching staffs as members, is constituted to handle the issues regarding evaluation process.The faculty member evaluates the papers within three days of completion of the last series test,andare shown to students in class and faculty member undertakes individual grievances with a student on the paper if required by the student. . The internal marks are displayed on the notice board. If any discrepancies are reported by the students, then they are resolved by the faculty member immediately. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he can represent the same to the HOD concerned and to the Principal if necessary.After all corrections, the marks are republished and submitted in the university portal. The results will be published after revaluation. The students who have applied for photocopy of answer scripts will get the soft copy of the answer scripts applied in their KTU student login id. The student and the subject faculty member can verify the answer script received. The details of refund will be published in the University website .

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.5.2/2.5.2%20cover.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.

The institute is affiliated to APJ Abdul Kalam Technological University, Kerala. the respective departments frame the Program Outcomes (POs), Program Specific Outcomes (PSOs and the respective faculty members handling the subjects frame Course Outcomes (COs). The Vision and Mission statement of the institute and the syllabus content and considered while framing the PEOs, POs, PSOs and COs.The COs are framed by the Heads of the department with the help of faculty handling respective subjects and also experts in the particular subject. Course committee meetings are conducted at regular intervals and the institute assists the faculty members to

achieve these objectives by proper supporting systems. The COs is explained to the students in the class after teaching each topic in the class rooms. The COs is also present in the series test examination question papers. The faculty prepare the lesson plan understanding the course outcomes. POs and COs for all programs and courses offered by the institution are displayed in the institute website for reference of all stakeholders.The POs and COs are displayed in all classrooms and laboratories. They are made reachable to all the stake holders of the program through, faculty members, student awareness workshops, student induction programs and faculty meetings.The course outcomes of each course are mapped to the Program Outcomes with a level of emphasis being HIGH (3), MODERATE (2) and LOW (1).Projects are reviewed by industrial experts and experienced faculty members to oversee whether they are in tune with the learning outcomes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.6.1/2.6.1%20cover.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

The artifacts that demonstrate the skills, personal characteristics and accomplishments required for measuring the attainment, are collected from:Direct Attainment,Indirect Attainment.Evaluation Procedure: Theory Courses:Internal Assessment Test (IAT) : Internal examination is conducted twice in a semester. The internal examination question papers are prepared based on the course outcomes and Bloom's taxonomy level. The portions fromthe first, second and third modules are covered in Series Test I. The portions from the third, fourth and fifth modules are covered in Series Test II.Evaluation Procedure: Laboratory CoursesA model practical examination is conducted to assess the ability of a student to perform a given task by integrating the knowledge gained from related theory course and regular lab sessions.Calculation of CO Attainment through Direct Assessment – Direct Attainment: IAT Attainment: The attainment level and target levels of each course are fixed as follows:

Attainment Level = 1, if 40% of students secured more than 50%

Marks in internal assessment test.

- Attainment Level = 2, if 50% of students secured more than 50% Marks in internal assessment test
- Attainment Level = 3, if 60% of students secured more than 50% Marks internal assessment testUniversity Examination Attainment: The attainment level and target levels of each course are fixed as follows:Attainment Level = 1, if 40% of students secured more than C grade,Attainment Level = 2, if 50% of students secured more than C grade,Attainment Level = 3, if 60% of students secured more than C grade

- Final Attainment level through direct assessment

    =

    (0.7 x Attainment level based on university exam marks* + 0.3 x Attainment level based on IAT marks)

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria2/2.6.2/2.6.2_facing_sheet.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

191

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.3.2/6.2.3-5.ANNUAL%20REPORT%202022-23.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://jawaharlalcolleges.com/downloads/aqar/criteria2/2.7.1/Feedback%20Sample%20ECE.pdf

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)

1.08

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

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

1

File Description	Documents
Any additional information	View File
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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://jawaharlalcolleges.com/downloads/aqar/criteria3/3.1.3/3.1.3.facing_sheet.pdf

3.2 - Innovation Ecosystem

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

The JCET's innovation ecosystem comprises a connected network involving collaborators, industry partners, stakeholders, R&D Cell, and Incubators. This network facilitates the generation, development, and advancement of knowledge, ultimately resulting in innovations. 1. Incubators and Accelerators:Entities like NGI-TBI and IEDC designed to support the growth of start-ups and entrepreneurial endeavors. These initiatives offer mentorship, funding, and infrastructure to transform inventive concepts into viable businesses.

2. Research and Development (R&D) Cell:R&D Cell concentrate on specific areas of expertise, promoting collaboration across diverse disciplines. Supplying financial assistance to drive research and innovation. Recognizing and celebrating achievements in innovation through awards and accolades.

Infrastructure and Technology Support:Providing access to advanced tools and equipment for experimentation and prototyping.

Collaborative Alliances:Building partnerships with industry collaborators, fellow academic institutions, and research organizations.

Technology Transfer Offices:Efficient management of intellectual property and licensing agreements ensures the successful dissemination of innovations.

Innovation Challenges and Competitions:Hosting events, challenges, and competitions aimed at inspiring creativity and problem-solving.Training Programs and Workshops:Providing training initiatives and workshops focused on innovation, entrepreneurship, and technology commercialization.Knowledge Exchange Platforms:Creating forums for knowledge exchange, such as seminars, conferences, and forums, to encourage the sharing of ideas and insights among institution members and the wider community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria3/3.2.1/3.2.1.a.pdf

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

1

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

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

0

File Description	Documents
URL to the research page on HEI website	**Nil**
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	**No File Uploaded**

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

8

File Description	Documents
Any additional information	**No File Uploaded**
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

1

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

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

Jawaharlal College of Engineering and Technology organizes and participates in various extension activities with a dual objective to not only expose the students to a variety of social issues, but also to contribute to the community and build community involvement among students. NCC and NSS units of the institute participate in various NCC and NSS activities, including camps, Swachh Bharat initiatives, blood donation camps, community health survey and awareness programmes on AIDS prevention, etc. Student participation is high in events like International Yoga Day, World Cancer Day, Anti-drug day which take place in collaboration with other agencies and NGOs to spread awareness. Through participating in International Yoga Day, students become global stakeholders in ensuring the well-being of both their body and mind. World Cancer Day offers an opportunity to celebrate and recognize the collaborative efforts of stakeholders across the health care landscape to address the growing burden of cancer. Anti-drug addiction day is celebrated in India in order to raise awareness about drug addiction and drug abuse among the students.Extension activities through Professional bodies like IEEE, IE provides better ideas and contributions for development of society. Agira is a programme conducted by IEEE SB JCET and 93 students from different parts of Kerala and attended the programme on Solar Energy and its applications. The institute not only works on the students of JCET and trains the other participants to propagate the message strongly at the state and national level.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria3/3.4.1/3.4.1facing_sheet.pdf
Upload any additional information	View File

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

1

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

26

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

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

538

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

281

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
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

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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.

The institution are spread across 20.51 acres campus with adequate infrastructure and physical facilities as per the norms of AICTE.It is located in a place called

lakkidi,mangalam,ottapalam,palakkadas the state high way.4 km from lakkidi Railway station and 9 km from ottapalam railway station.The Institute has sufficient classrooms (40-Nos), Tutorial Rooms, Smart-Class Rooms ,Drawing hall, seminar-halls (3-Nos), various department laboratories, library with ILMS, and 100Mbps internet facility including Wi-Fi,open Auditorium, Rest Rooms, Staff cabins, HOD cabins attached with Office and Department Library. The College has Placement Cell,. The fully metal roads are used in the inside the campus. The academic blocks consist of spacious class rooms with proper ventilation, lighting and are provided with ergonomic seating.There are29 Laboratories in the institution and the laboratories are equipped with adequate number of laboratory equipment and machines. Students are allowed to carry out mini projects and major projects in the respective laboratories in different time slots. Smart Class Rooms:The institution has 40 class rooms for teaching and learning in which 7 class rooms are equipped with ICT enabled facilities such as LCD projectors, smart interactive board and LAN/WIFI connectivity and 3Seminar halls are equipped with complete smart interactive boards and multimedia facilities.Each department has tutorial classrooms to conduct tutorial classes, study hours, remedial classes to clarify the doubts and queries of students.The institution has 5 seminar halls with LCD Projectors

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jawaharlalcolleges.com/downloads/naac/CR4/4.1.1/4.1.1 facing sheet.pdf

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

JAWAHARLAL COLLEGE OF ENGINEERING AND TECHNOLOGY (JCET)) has the best facilities for nurturing sports, games (indoor/outdoor), gymnasium, yoga and cultural activities. All sports activities are stream lined, monitored and guided by the physical education department of the college .The institution provides adequate amenities for ensuring physical education activities to keep the students physically fit and healthy. Students are motivated to take part in various National, State, University and Inter-college level sports activitiesINDOOR FACILITIES:1. Chess boards- 5 (standard),2. Carom boards- 3 (standard),3. Table tennis-02,OUTDOOR FACILITIES:1. Badminton court – 02 (13.40m x 6.10m),2.

Volley ball court – 01 (18m x 9m),3. Football court -01(35mx80m),4. Kho-Kho court- 01 (27m x 16m),5. Kabaddi court- 01 (13m x 10m),6. Cricket Nets-01(4m x 15m, concrete).GYMNASIUM:A gym is functioning at the campus under the guidance of physical education department where girls students also given opportunity to participate. The gym has been equipped with number of single and multi-stationed machines and other weight training accessories, to provide the students an arena to keep themselves fit.YOGA CENTRE:The institute conducts various programs in order to relieve the tension of staff and students yoga and meditation classes are conducted to improving concentration and physical fitnessAUDITORIUM:The institution has an open auditorium with a seating capacity of 1000. The auditorium is used for conducting co-curricularand extracurricular activities in the institution.CULTURAL ACTIVITIES:JCET also promotes cultural activities through its cultural fest named as "MALHAR" in every year with various conventional and modern types of arts form.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jawaharlalcolleges.com/downloads/naac/CR4/4.1.2/4.1.2%20facinf%20sheet.pdf

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

34

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jawaharlalcolleges.com/downloads/naac/CR4/4.1.3/4.1.3%20facing%20sheet.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)

`717.32236`

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Library being the heart of an academic and learning system is located in 3 floors (first, second and third accordingly) and is easily accessible by one and all. The mission of the library to facilitate creation of additional knowledge through acquisition, organisation and dissemination of knowledge resources and providing for value added services. It remains open 12 hrs. in a day (8:00 am to 8:00 pm) and maintains a core collection of 29337 volumes. The diversity of the library collection includes Textbooks, Reference books, General reading English as well as Malayalam books, Competitive Examination Collection (GATE/UPSC/GRE/ AFCAT/CAT/MAT).Back volumes of journals,e-journals,Project reports etc.LIBRARY SOFTWARE – KOHA: Library functions are automated through the open-source software, Koha (ver.20.11.01.000), an Integrated Library Management Software. It has acquisition, cataloguing, circulation, barcoding, serial modules etc. Online Public Access Catalogue (OPAC) can be checked anywhere. The entry and exit of library users also recorded with the e-gate register. ICAMPUZ.IN Icampuz.in is ERP software from M/s. insto technologies pvt. Ltd., Kochi, Kerala. The Library is using Icampuz from 2016 onwards and partially switched to Koha software from November 2020 which is on cloud and OPAC can be accessed from anywhere with their cell phone also. E-RESOURCES AND DIGITAL LIBRARY:

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://jawaharlalcolleges.com/downloads/naac/CR4/4.2.1/4.2.1%20facing%20sheet.pdf

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

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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)

0.118

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

39.85

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The college has exclusive language laboratory attached with audio and video facilities for enhancing students to gain knowledge. Our institution has eight computer laboratories & 350 computers connected through LAN or Wi-Fi connection with more than 295 Mbps internet speed to share & access knowledge resources like NPTEL, MIT resources, YouTube etc. The computers have various operating systems like windows-7 and Ubuntu. Computers have various software packages like Mat lab, Xilinx, AutoCAD, Python Turbo-C, Java, et c., which are necessary for teaching and learning. The area of each computer laboratory is 120 sq. meters minimum. The institute has sufficient number of drawing halls with drawing tables for accessing students. Our institute boasts of huge, commodious Auditoriums Namely Seminar hall, Shastra Hall and Sahithya Hall having a seating capacity of 250 people each to conduct various curricular and co-curricular events. The College ICT facility includes projectors, wireless microphones, sound systems, marker boards, public addressing system, desktop recorder and video recorder with internet facility to conduct lectures, seminars, webinars, conferences, guest lectures, and workshops.Institute frequently updates all the open source software like Scilab, GCC, maxima, etc., as per AICTE guidelines. College ICT facilities like LCD projector, desktop recorder, mics, audio systems, etc., are updated frequently.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jawaharlalcolleges.com/downloads/naac/CR4/4.3/4.3.1/4.3.1-Details.pdf

4.3.2 - Number of Computers

443

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	View File

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

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

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)

12.03

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	**No File Uploaded**

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

The campus holds well established standard systems and procedures for maintaining the physical, academic and support facilities that are governed by the supervision of faculty in-charges in college level. They ensure the various aspects of utilization and maintenance of the physical, academic and support facilities such as maintenance of buildings, laboratories, classrooms, library, computers, etc. To maintain a green campus with trees and plants

all around and to make campus litter and plastic free with dust bins provided at strategic locations. The proper function of equipment in all laboratories is ensured in every semester by the lab technicians and minor repairs are carried out by them as and when they are needed. First aid kits are kept in all major laboratories and department to meet any eventuality. Fire extinguishers of ISI mark of adequate capacity and numbers are provided in eye catching spots in the college buildings especially in all laboratories. Fire extinguishers are well maintained and checked periodically and refill before the due date. The maintenance of generators, UPS, CCTV, building appearance(painting) etc. are done periodically. A housekeeping team is allotted to maintain a clean campus environment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

104

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

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

95

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

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://jawaharlalcolleges.com/downloads/aqar/criteria5/5.1.3/5.1.3%20AY%202022-23.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded

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

87

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	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

84

File Description	Documents
Self-attested list of students placed	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

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

1

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

19

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	View File

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)

Anti-ragging committee: Anti-Ragging Committee will be the supervisory and advisory committee in preserving a Culture of Ragging Free Environment in the College Campus. The main objective of this committee are to create awareness among the students and sensitize them on the adverse effect of ragging.The committee also ensures that any ragging related events does not take place in the campus and report any suspicious activities to the authorities. Class committee and course committee Department wise class committee meetings and subject wise course committee meetings are conducted three times in every semester to evaluate the conduct of classes, completion of syllabus, progress of portions and internal exams. The committee consists of four to five students, staff advisor, faculties handling the classes and head of the department. Students suggestions and opinions are recorded and remedial actions are taken if necessary.

Anti-Sexual Harassment Cell: The anti-sexual harassment cell is constituted to ensure gender equality and grievances of female students. The students register their complaints, if any, through their representatives and remedial measures are taken. The committee meets twice every semester and addresses the needs of students through student feedbacks. Hostel and canteen committee:

Arts and Sports Committee: Students take part in various co-curricular and extracurricular activities like arts, sports and technical events organized inside and outside the institution. The physical education department looks after the athletics and sports training of students.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria5/5.3.2/5.3.2%20First%20Doc.pdf
Upload any additional information	**No File Uploaded**

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

19

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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)	View File

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

The main aim in the creation of alumni association of JCET is to provide valuable services to the alumni who ultimately facilitates to improve the status of the organization. It provides a platform in establishing a connection among the alumnus, management, faculty and students. JCET alumni association has about three thousand active contributors, with the aim to unite the alumnus of Jawaharlal College of Engineering and Technology.

AIMS AND OBJECTIVES OF ALUMNI ASSOCIATION(AAJCET) To facilitate interaction between Alumni and departments of Jawaharlal College of Engineering and Technology. Promote research and academic activities. Organize social and cultural activities that bring together Alumni, Current scholars and the fraternity of JCET. To encourage and appreciate academic and other outstanding achievements of the Departments/Faculty. To establish endowments and scholarships. To award incentives or prizes for outstanding contributions of scholars. To aid in improving and updating academics using their experience and knowledge. Aid fresh graduates and postgraduates in finding job openings and entrepreneurship opportunities by coordinating with placement cell and other academic works.To conduct health awareness programs. The association shall be nonprofit sharing and no member shall have any proprietary right or interest in the assets and liabilities of the association.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria5/5.4.1/5.4.1_facing_sheet.pdf
Upload any additional information	**No File Uploaded**

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

File Description	Documents
Upload any additional information	**No File Uploaded**

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 of the Institution Emerge as a centre of excellence for professional education to produce high quality engineers and entrepreneurs for the development of the region and the Nation. Mission of the Institution To become an ultimate destination for acquiring latest and advanced knowledge in the multidisciplinary domains. To provide high quality education in engineering and technology through innovative teachinglearning practices, research and consultancy, embedded with professional ethics. To promote

intellectual curiosity and thirst for acquiring knowledge through outcome based education. To have partnership with industry and reputed institutions to enhance the employability skills of the students and pedagogical pursuits. To leverage technologies to solve the real life societal problems through community services. In line with the institute's vision and mission and to contribute towards the achievement of them, all the departments have framed their own vision and mission relevant to their domain and operation. The Jawaharlal college of Engineering and Technology has the state-of-the-art infrastructural facilities in both academic and non-academic areas to nurture its students towards holistic transformation to a fully competent and professional engineers who can take up the global challenges. By making use of the competent and qualified technical manpower with a true blend of educationindustry-defence retirees who have diverse experience and leadership qualities, the institution imparts fruitful skills and knowledge to its students for decades.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.1.1/6.1.1_facing_sheet.pdf
Upload any additional information	No File Uploaded

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

The institution has set up a well organized and structured IQAC headed by the Principal and a senior faculty member as the Director. A quality policy has been made in tune with the mission statements of the institution.The quality policies have been evolved through the feedback system and the procedure as shown in the figure from various committees including all the stake holders of the institution. The institution has set up a well organized and structured IQAC headed by the Principal and a senior faculty member as the Director. A quality policy has been made in tune with the mission statements of the institution.The quality policies have been evolved through the feedback system and the procedure as shown in the figure from various committees including all the stake holders of the institution.Three departments of the institution have been accredited by the NBA recently and the Institution has clearly stated the action plan for its holistic growth.Principal holds regular meetings with the heads of the departments and other academic and administrative committees to

take decisions for the implementation and monitoring of all regular and developmental activities of the college.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.1.2/6.1.2_facing_sheet.pdf
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Jawaharlal College of Engineering and Technology (JCET) has prepared a futuristic strategic plan to fulfill the holistic development of the student community. JCET believes that a strategic planning process is a chance to assess changes in student needs, institutional focus, and community expectations. The process includes soliciting inputs from acrosInternal Quality Assurance Cell (IQAC) of the college has been striving to take initiatives to obtain inputs from all the stakeholders viz, trust, Principal, faculty, administrative staff, students and parents. The expectations of the stakeholders, trust policies, vision, mission and quality policies of the college are also considered as a foundation for formulation of the perspective plan. Since the finalisation of the plan and its approval by the Board of the Trust, JCET has successfully executed many of those plans out of which some are listed here.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.2.1/6.2.1-facing-sheet.pdf
Upload any additional information	**No File Uploaded**

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.

Jawaharlal College of Engineering and Technology (JCET) is owned by Nehru colleges of education and charitable trust, established in the year 1968. The trust has more than twenty institutions of

higher education located in different parts of the states of Kerala and Tamilnadu. JCET has well defined and decentralized organizational structure with appropriate hierarchy of authority.Organisational structure of the Institution The Principal of the College, assisted by several Heads of the departments implement the policies of the trust and the decisions taken by the governing body. Administrative manager takes care of all non-academic activities of the college including the maintenance, housekeeping, security, transportation and accounts. The overall functioning of the college is governed by the Governing Council (GC) headed by the trustees. Regular Governing Council meetings are held in the Institute and decisions are taken on various recommendations and suggestions. The feedback collected from all the stakeholders is used for the value additions in the day-to-day operations and activities of the college.The Institute has a set of well-established rules, policies and regulations under the frame work of AICTE, Govt. of Kerala and the university, which are approved by the Governing Council. Qualified, experienced and competent persons are appointed through well-defined procedure as explained in the HR manual.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.2.2/6.2.2-facing-sheet.pdf
Link to Organogram of the institution webpage	https://jawaharlalcolleges.com/downloads/naac/CR6/6.2.2/Organogram.jpg
Upload any additional information	No File Uploaded

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	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Jawaharlal college of engineering and technology extends ample welfare measures to all its employees in the campus. Employees are well motivated by providing adequate facilities and by creating safe, secure and comfortable working environment. Some of the major welfare measures taken by the management for its teaching and non-teaching staff are as follows: List of Welfare measures (for teaching staff) PK DAS Hospital Privilege Card, Health Policy Scheme, Chikitsa All employees who have been workingfor more than one year are provided with this accident insurance scheme Rs.50,000,for teaching staff, by Universal Sompo General Insurance Company, Coimbatore. Financial support provided to the facultymembers for publishing research papers in internationaland national journalsare,Rs. 5000and Rs. 1500, respectively. Financial support of up to Rs. 5000 is offered to faculty members for publishing books with reputed publishers. As individual authors, they get Rs. 5000 and as a coauthor, Rs 1500 is provided. All faculty members are eligible for casual leaves, compensatory leave, on Duty leave, vacation leave, emergency leave, maternity leave, annual leave, and medical leave. For Non-teaching staff All employees who have been working for more than one year are provided with this accident insurance scheme Rs.50,000, for teaching staff, by Universal Sompo General Insurance Company, Coimbatore All non teaching staff is eligible for casual leaves, compensatory leave, OD, vacation leave, emergency leave, maternity leave, annual leave, medical leave, and ESI.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.3.1/6.3.1_Facing_Sheet.pdf
Upload any additional information	**No File Uploaded**

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

21

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)	View File

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

42

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

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

The performance review documents are regularly and frequently updated for each and every employee of the institution. Annual performance Index is calculated by every faculty member based on the academic performance in terms of results, FDPs attended/

organized, publications, project guidance, books written, consultancy, research funds received and academic results. This assessment report format is different for academics and administration.The following system of appraisal is followed:Self-assessment report is submitted by all teachers and lab. Staff and administrative staff including those on contract on a monthly basis. Academic Performance Index is calculated by all faculty members annually and documented in the HR profile. Performance appraisal is evaluated based on the expected performance described in the job descriptions. Staff members, after their probation period are eligible for increments prescribed at the end of 12 months in service in the institution. The increments will be in effect at the beginning of every academic year, ie,, June. Additional increments are awarded to staff members based on their contributions and results achieved on selection by the management. Annual staff performance appraisal systems consist of Students feedback Appraisal by Head of the DepartmentAll the staff members are required to submit their self-evaluation report at the end of every academic year in the prescribed format. The team consisting of the head of the department, principal, HR head and administration manager will discuss the findings of the appraisal in an interview with each employee.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.3.5/6.3.5_Facing_Sheet.pdf
Upload any additional information	No File Uploaded

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

Many reforms were brought in the financial administration of the institution. The financial management of the institution is monitored by the Management council. However, all the budgetary approvals are given by the BOG after necessary consultations. A committee headed by the Principal and representatives of the Management, teaching staff and administrative staff will be sought budgetary requirements from various departments and cells. The BOG meets at least once in six months and sets the priorities of the institution and allocates resources. The college has entrusted a senior faculty of the college with the responsibility of auditing

the accounts of the institution internally. At the beginning of the academic year the annual budgets are prepared, reviewed and approved by the BOG. The external auditing is done by a Chartered Accountant, specially designated for this purpose.External audit is also carried out in an elaborate way on a quarterly basis. The institute regularly follows the Internal & external financial audit system. Role of an Auditor in Audit of Educational Institutions: The institutional accounts are audited regularly by both Internal and statutory audits. Qualified Internal Auditors have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.4.1/6.4.1.pdf
Upload any additional information	No File Uploaded

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)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

The Institution always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. Financial discipline is ensured through a proper auditing process by a charted account. JCET is a self-financed private institution run by Nehru Charitable trust, coimbatore. In addition, this trust own eleven

educational institutions With around 12 years of Standing this institution require fewer external funds. However, in case of any pressing requirement of funds a mutual arrangement of funds transfer between the organizations is arranged to meet the demand. Since it is a self-financing Institution, Tuition Fee is the main source of Income. These funds are utilized for all Recurring and Non-Recurring Expenditure. The Institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the Infrastructure to augment Academic processes needs. All the Administrative and Academic Heads along with coordinators of different cells (viz., Research & Development cell, Training & Placement cell, Library committee (for the purchase of Books / Journals), Maintenance committee (for Repair & maintenance cost) Software & Internet Charges, Printing & Stationary, Equipment & Consumables, Furniture & Fixtures, NSS Cell) will submit the Budget requirements for the coming academic year before 31st May of every year.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.4.3/6.4.3_facing_sheet.pdf
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

On 28.06.2019 the Internal Quality Assurance Cell (IQAC) was established in the institution with a vision to streamline the quality initiatives of the institution. Earlier to IQAC, Academic Advisory Committee (AAC) used to review the quality initiatives of the institution. Since it is decided to apply for Accreditation by NAAC, several quality initiatives were implemented. IQAC in its inaugural meeting decided to review all the quality initiatives. The focus area of the IQAC is To realise Mission and Vision of the institution. Defining the POs Institutionalizing the quality policies Documenting the quality assuring strategies Continuous improvement in the strategies after thoroughly assessing the attainment. Redefining the new goals and observing the attainment level. JCET - IQAC Objectives: To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution To promote measures for institutional functioning towards quality enhancement through

internalization of quality culture and institutionalization of best practices The Internal Quality Assurance aspects of the college, especially regarding the teaching-learning process has for several years been under the purview of the Academic Committee of the college. IQAC was constituted with the following goals Communication of information on the various quality parameters of higher education Development of quality benchmarks for the various academic and administrative activities of the institution. Documentation of the various activities leading to quality improvement. Obtaining, analysing and action taken on feedback responses from students, parents, and alumni on quality-related institutional processes.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.5.1/6.5.1_facing_sheet.pdf
Upload any additional information	No File Uploaded

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

JCET strongly believe this as its philosophy. Since its inception JCET implemented some quality initiatives in teaching learning policy.Curriculum delivery:Unlike the routine processes at JCET we conduct class work more interactive. Faculty circulates the teaching plan to the students and students are expected to attend with preparation to have healthy discussion on the topics in the class hours. An Open hour is conducted by the faculty once in every fortnight to allow the students toPresent their understanding as a seminar Ask questions Organize oral quiz Conduct some activities Involve students to solve some numerical problems. Research and Innovation: Students are encouraged to participate in group activities where a task is given and students are working on the theme to derive solutions. Academic projects are so chosen to engage the students to find technical solutions for the dynamic problems of the society. The aims of the projects are to see that students are working as good members of a team, addressing the problems of the society, particularly the problems of forming community and environment. Students are given necessary guidance to Identify problem To develop the problem statement Identify the possible solution and pick optimum solution.

File Description	Documents
Paste link for additional information	https://jawaharlalcolleges.com/downloads/aqar/criteria6/6.5.2/6.5.2_facing_sheet.pdf
Upload any additional information	**No File Uploaded**

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)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://jawaharlalcolleges.com/iqac.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	**No File Uploaded**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

JCET pursues a strong gender equity sensitization since its inceptions a large number of women facultymembers recruited everyyear and so many girls pursuing their education in JCET indicates the actionsimplemented for gender equity.Every day, the girl's participation in classroom learning is encouragedand a good number of them have become representatives of the classes. 'Moulding True Citizens' is themotto of NGI and it is vigorously implemented through various sensitization programs. Courses such as Life skills , Constitution of India are part of the curriculum and it is in built for the gender equity. Tutors and Mentors

always value the equality in day to day conduct of activities. NCC/NSS are promoting the gender equity in almost in all its activities. Special programs such as "Self Defense Class" are conducted for the students. Mrs Nisha Narayanan ,Asst Professor ECE, is the associate NCC officer. Ms Surabhi, Sr.Lt.Student leader of NCC. Majority of the cadets are girls. Women Development programs are organized for improving the women participation and development. IQAC is continuously monitoring the measures to promote gender equity in the institution.

YEAR

TITLE OF THE PROGRAMS

DATE

2022-2023

CYBER AWRENESS PROGRAM

21-11-2022

WOMEN'S DAY CELEBRATION

08-03-2023

SEMINAR ON "EMPOWERING EQUALITY: UNVEILING THE SHADOWS OF SEXUAL HARASSMENT & HUMAN RIGHTS

14-07-2023

File Description	Documents
Annual gender sensitization action plan	https://jawaharlalcolleges.com/downloads/aqar/criteria7/7.1.1/7.1.1FACING_SHEET.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://jawaharlalcolleges.com/downloads/naac/CR7/7.1.1/document1.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 Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

The institution conserves the prestige of a zero-waste campus through a tenacious and operative action plan. While dry waste is recycled, wet waste is used for composting. The college takes complete attention in order to make sure that the wastes generated do not end up in landfills.The institute, in association with various bodies such as NCC and NSS etc., give emphasis on reducing the waste material and its appropriate dumping in the campus with a motto of Decrease ,Re process and Reutilize

WASTE MANAGEMENT STEPS

1. **Solid waste management, Liquid waste management,E-waste managementThe major solid waste materials generated in the institute include horticultural waste, such as dried leaves or plant clippings, food wastages. The fallings of trees are regularly collected day to day.wastes are disposed-off with the help of housekeeping workers.Bio-compost unit is installed near to the canteen and the biogas produced is used for cooking.The institution organizes various programs such as Plastic Free Campaign, Recycling Plastic Campaign and Awareness Classes on World Environment Day etc.Girls toilets are equipped with sanitary-napkin vending-machines and napkin-disposal-bins. Toilets are kept clean, neat and odor free with fresheners.There are compost pits in the campus and the management ensures all the wastes were disposed after segregations.JCET manage liquid waste in the following ways:a. Reduce Liquid waste, Reuse/Recycle**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus — **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

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

7.1.6.1 - The institutional environment and — **A. Any 4 or all of the above**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[View File](#)

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	[View File](#)
Policy documents and information brochures on the support to be provided	[View File](#)
Details of the Software procured for providing the assistance	[View File](#)
Any other relevant information	[View File](#)

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

The institute had constantly encouraged the students to organize and participate in different programs organized by College, Inter-College, University and Government or Non-Government Organizations to make them sensitize towards Cultural, Regional, Linguistic, Communal and Socio-Economic Diversities.

The institute follows the motto of " Moulding True Citizens"and students in culcated through programs to maintain cultural harmony

and socio economic goals in providing an inclusive environment in the college premises.The institution generates patriotism among the students and staff members by celebrating birth/death anniversaries of the great Indian personalities. For example institution starts with theday with prayer and ends with National Anthem.Institute celebrate national festivals such as Independence Day and Republic Day. On the auspicious occasion of Independence Day, Republic Day, Gandhi Jayanthi etc. Various curricularand co-curricular activities are organized.The students also celebrate the birth anniversary of Dr. S Radhakrishnan as Teacher's Day. Themain purpose of all these activities is to spread the message of patriotism and harmony among theyouth.Institution also practices inclusionary practices at multiple levels including its admission policy,where students from diverse cultures are admitted.All festivals like Diwali, Onam, Christmas, Holi, etc. are celebrated with equal dedication.College produces the college magazine.

1. SCIENCE EXPO,2. FRESHER'S DAY,3. COMMEMORATIVE DAYS,a) REPUBLIC DAY,b) INDEPENDENCE DAY,c) GANDHI JAYANTHI,4. SPORTS FEAST,5. YOGA DAY,6. BLOOD DONATION CAMPS,7. COLLECTION FOR FLOOD RELIEF CAMP:8.POLYGARDEN VISIT

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

The institution has taken the initiation of familiarizing the Constitution of India through several awarenessprograms interrelated with Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness,Civil Safety, Values etc., The institutionproposals various activities to harvest awareness about thenational uniqueness and symbols.The mission declaration of the institution itself advocates that the institutionmust offer an environment that empowers the students to play a vibrant role in the nation-building process and contribute to the advancement of humanity. This prime crux on the constitutional values and principles are found in the curricular and extracurricular activities of the College.The institution delivers a democratic environment to all students, where they can enquirequestions, debate and discourse among themselves and with the faculty to advance an open-mindedattitude, indispensable for becoming conscious citizens.Singing of National Anthem in the campus every day so as to bring a feeling of patriotism among all ispracticed. The students also being the responsible citizens take part in many community services andprovide services to mankind and society. The students have taken up numerous cleanliness drives bothinside the campus and nearby villages considering it as a duty of every citizen. The students have alsotaken up plantation drives to offer a hygienic and green environment for all.Every year Institute celebrates important Days like Republic Day, Kerala Piravi, Independence Day etc. The celebration is attended by Students, Teaching and Non-teaching Staffs, Invitees, guests and other attendees.IQAC is continuously ensures the sensitization of students and employees of the Institution to the constitutional obligations.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://jawaharlalcolleges.com/downloads/aqar/criteria7/7.1.9/7.1.9.pdf
Any other relevant information	https://jawaharlalcolleges.com/downloads/aqar/criteria7/7.1.9/7.1.9.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	A. All of the above

the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	

File Description	Documents
Code of ethics policy document	View File
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	View File
Any other relevant information	No File Uploaded

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

COMMEMORATIVE DAYS:REPUBLIC DAY CELEBERATIONOn Republic day various activities like slogan writing, poster competition , paintings are organized to highlight the importance of constitution.INDEPENDENCEDAYCELEBRATIONThe institution celebrates Independence Day every year and the day denotes the importance offreedom, on this day, Flag hoisting ceremony is organized and it followed by recitation of the NationalAnthem.1.GANDHIJAYANTHI-The institution celebrates the Gandhi Jayanthi on every year. The students were engaged in different maintenance and renovation activities .1.ENVIRONMENTDAY:Environment Day is celebrated by the institution every year. Tree plantation, cleaning activities etc are parts of this day..INTERNATIONALYOGADAY:International Yoga Day is also Celebrated every year in the campus. .SCIENCEDAYCELEBRATION:The Science Day is celebrated in our institute every year.:In the remembrance of Dr. Sarvapalli RadhaKrishnan.1.WOMEN'SDAY:A debate competition on the topic ' Is feminism relevant in this new world' was organized as apart of women's day celebration.1.AIDSDAY:Programmes such as AIDS awareness rally, seminars etc have been conducted on this day.YOGADAY:On this special dayYoga demonstration was conducted. Yoga master Shri Shri ChaitanyaPadmanadha was the chief guest. It was a wonderful experience for the students1.ENGINEER'SDAYOn this day IAS rank holder Mr KC Arjun, who is the former student of the institute washonoured.ONAM : Pookalam competition

,Thiruvathirakkali etc were conducted.KERALA PIRAVI :CHRISTMAS: CULTURAL FEST: Every year cultural fest named 'MALHAR' is conducting in the institution.SPORTS,TECHFEST:

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

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 Practices- 1Quality Circle- Performance Circle (QC- PC) Objectives

- To improve the students' personality through systematic academic practices.To improve the communicative English skills of the students...to motivate the students by to lead a successful academic career.To provide appropriate academic drills regularly to boost the confidence of the students.Jawaharlal College of Engineering and Technology not only strives to inculcate technical brilliance among its students but also envisions creating a generation of responsible, dedicated, and proficient citizens with both professional competency and emotional stability. The institution provides training and experiences for students to refine both their personality and communication skills.Evidence of Success

Enhanced Confidence: Regular participation in QC-PC activities helps students overcome hesitations and boosts their confidence, making them more active contributors in classroom activities.Positive Start: The daily presentation of thought-provoking quotes creates a positive and inspiring atmosphere, setting a constructive tone for the day and breaking the monotony of routine.

Best Practices- 2Career Guidance Classes and Workshops on Skill Development

Objectives:To motivate the students of other academic institutions, particularly the higher education centers, to realize the value of true education.To facilitate the students to realize their true potential and strong and weak areas in the academics .To motivate the students to enhance their skills and help them to achieve accolades and merits intheir academics and later in their professional career.

File Description	Documents
Best practices in the Institutional website	https://jawaharlalcolleges.com/downloads/naac/BEST%20PRACTICE%201%20&II%20NEW%20-%20WEBSITE.pdf
Any other relevant information	**Nil**

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

Fulfillment of the goal "Moulding True Citizens" in every sense.The objective of our institution is ' Moulding True Citizens' with high professional standards. It also strives to create meritorious professionals to serve the humanity by setting a commendable tradition of initiatives. The institution is imparting engineering education with a sense of self-discipline and accountability and over all personality development among budding professionals with respect to democratic, ethical, emotional, intellectual and moral values.A 'Semester orientation program' to explain the relevance of the subjects and various activitiesscheduled in respective semester, which helps the students for better semester planning. In this bridgeprogram students are encouraged to participate in various skill development programs which helps toimprove their confidence level. A diverse array of opportunities is provided to the students to enhance their knowledge beyondacademics.OrganizingvariousNationalandInternationallevelConferences,Handsontrainingandworkshops, T In order to bring out the hidden talents, students are encouraged to organize Cultural extravaganza named 'Malhar', Sports, Tech fest etc. These events allow the students to excel in Co-Scholastic areas as as well. Improvements are visible in terms of student

participation in inter-collegiate competitions that include paper and poster presentations, project competitions etc.Professional bodies such as IEEE, ISTE,ICT,ICI,CSI, Aeronautical Society of India are available in JCET.These student chapters are involved in updating the technical knowledge of the students by organizing Seminars, Special lecturers by eminent personalities from industries, group discussion andworkshops regularly.

File Description	Documents
Appropriate web in the Institutional website	[View File]()
Any other relevant information	[View File]()

7.3.2 - Plan of action for the next academic year

An action plan has been developed to achieve vision and mission accomplishment thereby enhancing academic quality, foster innovation, and produce graduates who are well-equipped to meet the demands of the industry and contribute to societal development. The emphasis is given to Quality assurance, Curriculum enhancement, faculty development, infrastructure improvement, industry collaboration, community engagement, student support, research promotion, digital transformation and sustainability initiatives. For each entity, initiatives are taken and they are being properly monitored by IQAC.