YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	JALPAIGURI GOVT. ENGINEERING COLLEGE
• Name of the Head of the institution	Dr. Amitava Ray
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9434381078
• Alternate phone No.	7063667196
• Mobile No. (Principal)	8900461118
• Registered e-mail ID (Principal)	principal@jgec.ac.in
• Address	Jalpaiguri Govt. Engneering College, Jalpaiguri -735102
• City/Town	Jalpaiguri
• State/UT	West Bengal
• Pin Code	735102
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	03/01/2012
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Grants-in aid**
• Name of the IQAC Co-ordinator/Director	**Dr. Bikash Chandra Mandal**
• Phone No.	**9433086219**
• Mobile No:	**9382147821**
• IQAC e-mail ID	**iqac@jgec.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://jgec.ac.in/public/upload/notice/1720954343.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://jgec.ac.in/devlopment/public/upload/academic/1690656810.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.13**	**2021**	**23/02/2021**	**22/02/2025**

6.Date of Establishment of IQAC	**23/08/2014**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
nil	**nil**	**nil**	**Nil**	**nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**2**
• Were the minutes of IQAC meeting(s) and	**Yes**

compliance to the decisions taken uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any 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)

1. Successfully conducted semester examinations and published results on time, with a special emphasis on final year results released within one month. 2. Promoted research initiatives. 3. Encouraged active participation of students and faculty in workshops and conferences. 4. Enhanced the placement scenario for students. 5. Developed various policy documents to guide institutional processes. To ensure the institute operates in accordance with the guidelines outlined in various policy documents.

12.Plan of action chalked out by IQAC at 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
For efficient and transparent institutional governance system	**Improving**
To conduct semester examination in time.	**Semester examination conducted on time**
To expedite the publication of results.	**Results published in time**
To place greater emphasis on the placement drive	**Enhanced placement opportunities**
To Improve student satisfaction	**improving**

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

Name of the statutory body	Date of meeting(s)
Academic council	25/11/2024

14.Was the institutional data submitted to AISHE ? | **Yes**

- Year

Year	Date of Submission
2022-2023	26/02/2024

15.Multidisciplinary / interdisciplinary

1. Our institute is planning to introduce multidisciplinary and interdisciplinary courses. 2. Second-year students are offered the opportunity to switch branches based on their first-year performance. The curriculum has been updated to accommodate these branch transitions. 3. Both students and faculty members are actively publishing research papers in interdisciplinary fields. 4. Students from all branches contribute to the Center of Innovation, where they work together to develop new products. 5. The department offers interdisciplinary courses to students as electives, allowing them to broaden their knowledge. 6. MAKAUT enables students to pursue interdisciplinary courses through MOOCs as part of their path to earning an honors degree. 7. Students engage in interdisciplinary projects through departmental collaborations, industrial partnerships, and other initiatives. 8.The institute encourages collaborative research across departments, enabling students and faculty to work on projects that address complex, real-world problems through multiple disciplinary lenses. 9.Students participate in interdisciplinary competitions, such as hackathons and design challenges, where teams from different academic backgrounds collaborate to solve complex problems. 10. Faculty and industry experts from different disciplines mentor students, offering diverse perspectives and guidance that help them approach problems from multiple angles.

16.Academic bank of credits (ABC):

1. JGEC records students' academic achievements, including degrees and grades, in the MAKAUT online portal. 2. MAKAUT uploads student information to the National Academic Depository. 3. The college

maintains a record of subject-wise credits for each student. 4. Students can access their academic records and credit accumulation details through the JGEC online portal, offering greater transparency and control over their educational journey. 5. Students can earn credits through various MOOCs and online courses, which are stored in the Academic Bank, supporting lifelong learning and the recognition of non-traditional learning pathways. 6. Students have created APAAR ID.

17.Skill development:

1. The Training and Placement Cells at our institute regularly organize skill development activities to enhance students' competencies. 2. The Coders Club hosts various programs focused on developing coding skills and fostering a passion for programming. 3. Students organize an annual technical fest called 'SHRISTI', aimed at enhancing their technical skills through workshops, competitions, and hands-on activities. 4. The JGEC Alumni Association facilitates industry-institute interactions, providing students with valuable insights and exposure to real-world industry practices. 5. JGEC organizes hands-on workshops, such as raincoat-making and paper-making, to promote practical skill development. 6. JGEC has signed MoUs with organizations like Internshala, Bhilai Steel Plant, Coca-Cola, and others, offering students opportunities for internships that include stipends, contributing to their skill-building efforts. 7. JGEC has partnered with the Cyber Security Centre of Excellence, Government of West Bengal, where students participate in specialized skill development programs to enhance their expertise in cybersecurity. 8. JGEC regularly encourages hackathons, innovation challenges, and design thinking workshops that encourage students to apply their skills to solve real-world problems, fostering creativity and innovation. 9. JGEC's faculty and industry mentors provide personalized career counseling, guidance, and mentorship to students, helping them navigate their professional journey and align their skill development with career goals. 10. The institute collaborates with various industries to offer tailored training programs, giving students hands-on experience and up-to-date industry knowledge relevant to their field of study.

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

Our Institute has devised a comprehensive strategy for integrating Indian Knowledge Systems (IKS) into education. This includes teaching in both the official medium of instruction and Indian languages, incorporating cultural elements, and utilizing online platforms to expand accessibility. This approach not only preserves

and promotes India's rich heritage but also encourages students to think critically, ethically, and globally, while staying connected to their cultural roots. By merging modern technology with traditional knowledge, this initiative aims to offer a more enriched educational experience for future generations. Our institute revised its curriculum starting from the 2021-22 batch, incorporating courses such as Essence of Traditional Knowledge (MC-EC/ME/EE/CE/CS/IT/301) and Indian Constitution to effectively integrate Indian Knowledge Systems into the academic framework.

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

Outcome-Based Education (OBE) is an educational framework that emphasizes the attainment of specific learning outcomes, aiming to ensure that students acquire the knowledge, skills, and competencies required to succeed in the real world. The primary goal of OBE is to focus on what students can demonstrate or achieve by the end of a course or program, rather than merely completing coursework or following a prescribed syllabus. This approach ensures that education is directly linked to the practical needs and expectations of society, industry, and personal development. To place greater emphasis on Outcome-Based Education (OBE), our course curriculum has been thoroughly revised starting from the 2021-22 session. The institute actively gathers feedback from alumni and industry professionals to continuously update the syllabus, ensuring it is more outcome-oriented. The outcomes at JGEC are assessed through the calculation of course outcomes, aligning with the principles of OBE.

20.Distance education/online education:

Distance education and online education have revolutionized the way learning is delivered, especially in today's fast-paced, technology-driven world. With the advent of the internet and digital platforms, education is no longer confined to traditional classroom settings. Instead, it has become more accessible, flexible, and tailored to the needs of diverse learners. MAKAUT has introduced MOOCs (Massive Open Online Courses) in the following ways: 1. MOOCs for Honors Degree at the Undergraduate Level: For a B.Tech. honors degree, students are required to earn 20 credits from MOOCs offered by established platforms, in addition to the mandatory credits required for the B.Tech. degree. 2. MOOCs for Mandatory Coursework for Research Scholars (Ph.D.): Ph.D. research scholars are required to complete MOOCs as part of their mandatory coursework, as recommended by their research supervisor. 3. MOOCs for Additional Requirements Prescribed by MAKAUT: MOOCs are also utilized to fulfill any additional mandatory requirements as prescribed by MAKAUT for various academic programs.

Extended Profile

1.Programme

1.1	**8**
Number of programmes offered during the year:	

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

2.Student

2.1	**1514**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**370**
Number of outgoing / final year students during the year:	

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

2.3	**1514**
Number of students who appeared for the examinations conducted by the institution during the year:	

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

3.Academic

3.1	**460**
Number of courses in all programmes during the year:	

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

3.2 Number of full-time teachers during the year:	**80**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**110**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**45**
4.2 Total number of Classrooms and Seminar halls	**28**
4.3 Total number of computers on campus for academic purposes	**550**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**198.23**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Jalpaiguri Government Engineering College (JGEC) takes a strategic and thorough approach to curriculum development and revision, ensuring that its programs align with current developmental trends and global technological perspectives. The curricula are designed with clear, outcome-based learning objectives that incorporate both professional relevance and the needs of the corporate world. JGEC follows the guidelines set by Statutory Regulatory Authorities (SRAs), including UGC and AICTE, and any updates to the curriculum

are introduced through a structured process. This process involves feasibility assessments, input from the Board of Studies (BOS)—comprising academic and industry experts—and approval by the Academic Council.

JGEC offers six undergraduate and two postgraduate courses in technology/engineering, with the curriculum for these programs being revised in 2021. The updated curricula include well-defined program outcomes, program-specific outcomes, and course outcomes for all programs. Additionally, JGEC gathers feedback from students and faculty at the end of each semester to support continuous academic improvement. Overall, the college's curriculum development approach reflects its dedication to upholding high educational standards and ensuring the relevance and effectiveness of its programs.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://jgec.ac.in/academic/7

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

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

7

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

7

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Jalpaiguri Government Engineering College (JGEC) has strategically incorporated interdisciplinary courses into its undergraduate

engineering curricula to equip students with a broad range of skills vital for success in the digital age.

One such course, "Programming for Problem Solving," is introduced in the first year across all engineering programs, aiming to build foundational computer programming skills essential for students in technology and engineering fields.

In the second year, students engage with the "Human Values and Professional Ethics" course, which focuses on the importance of ethics, responsibility, and awareness of gender and caste equity in real-world situations. Additionally, the "Essence of Traditional Knowledge" course seeks to reconnect students with India's indigenous knowledge and culture, enriching their academic journey with social values.

To further enhance their professional preparedness, JGEC includes "Principles of Management" in the final year curriculum. This course helps students develop key management skills, preparing them for leadership roles in a highly competitive business landscape.

These interdisciplinary courses not only improve students' employability but also foster their overall personal and professional growth, ensuring they are well-prepared for the challenges of the modern world and adding significant value to their academic experience at JGEC.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

618

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

60

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**C. Any 2 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://docs.google.com/spreadsheets/d/1Tl9x om2_aukjOvRstWbX33odLobVxpShOC3IVMm6roo/edit ?usp=sharing
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://jgec.ac.in/academic/22
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

353

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

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

141

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institute is committed to creating a nurturing and supportive academic environment for all its students. The academic year begins with an extensive orientation program designed for both new students and their parents. This program aims to familiarize them with the college's facilities, regulations, and faculty members. Special emphasis is placed on assisting lateral entry students—those admitted directly into the second year—by offering tailored classes to help them transition seamlessly into the ongoing academic curriculum.

Faculty members play an active role in monitoring student progress, with particular attention given to those who may need extra support. To aid these students, the institute organizes tutorial sessions, extra classes, and workshops, particularly in subjects such as C programming and MATLAB. The institute also offers numerous opportunities for students to address academic backlogs through make-up exams and supplementary assessments.

Additionally, faculty members provide dedicated coaching for students preparing for competitive exams, such as GATE, ensuring they have the guidance and resources needed for success. This comprehensive, student-centered approach underscores the institute's commitment to fostering an environment where every student has the opportunity to excel academically and reach their full potential.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/announcement/5

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
22/03/2024	1541	80

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

JGEC (Jalpaiguri Government Engineering College) follows an academic approach that blends theoretical knowledge with practical experience. The evaluation system includes 30% internal assessments and 70% end-of-semester exams, supplemented by regular class tests for continuous monitoring of student progress.

A major focus of the institution is on practical exposure. Students are encouraged to participate in hands-on experiments and receive guidance from faculty members. The college emphasizes student-centric learning methods such as experiential, participative, and problem-based learning to develop both theoretical and practical skills.

The curriculum integrates intensive laboratory work, design and project tasks, and industrial training to equip students with real-world experience. Postgraduate students contribute to undergraduate teaching and engage in community extension activities, fostering collaborative learning. Group projects and problem-based learning stimulate critical thinking and teamwork.

Additionally, students in technical programs are required to undertake problem-based projects, allowing them to apply theoretical concepts to solve practical challenges. Overall, JGEC's academic system aims to cultivate creativity, critical thinking, and scientific temper, preparing students for success in both academic and professional fields.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.vlab.co.in/

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The engineering program at our institution is designed to provide students with a well-rounded and practical education. The curriculum includes practical courses throughout the four years, culminating in a final project in the last semester. The assessment system consists of internal evaluations (30%) and end-of-semester exams (70%), with two class tests evenly spaced during the semester to offer regular feedback on student progress.

A strong emphasis is placed on experiential learning through intensive laboratory experiments, design projects, and industrial training, helping students develop both practical skills and critical thinking abilities. Postgraduate students actively participate in undergraduate teaching and community extension activities, promoting a collaborative and participative learning environment.

Group projects are encouraged to foster teamwork and hands-on learning. Problem-based and case-based learning methods are incorporated across all departments to stimulate critical thinking and problem-solving. Additionally, students in technical programs are required to complete compulsory problem-based projects, further honing their analytical and problem-solving skills.

Overall, the program's holistic approach ensures that students receive a comprehensive engineering education, blending theory with practical experience, and preparing them for success in their careers.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.youtube.com/@DrSudipMandal
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

80

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The college demonstrates its commitment to providing a well-structured and comprehensive academic experience through the proactive preparation and distribution of a detailed academic calendar at the start of each year. In line with university regulations, this calendar ensures that the college meets the required 90 working days per semester and includes key dates such as reopening, holidays, and significant events like Foundation Day, Sports Day, and the College Technical Festival.

The availability of the calendar on the college website and portal reflects a modern, accessible approach to communication and organization, making it easy for both faculty and students to stay informed about important dates and events. Additionally, the careful planning of timetables and examination schedules in accordance with the calendar demonstrates the college's commitment to maintaining a well-organized academic structure.

In cases of unforeseen circumstances, the college's willingness to extend lecture and lab sessions beyond regular hours to ensure the completion of the curriculum highlights its dedication to preserving the quality and integrity of the educational program.

Overall, the college's proactive approach to scheduling, digital accessibility, and adherence to curriculum requirements underscores its commitment to providing a thorough and well-organized academic environment for both students and faculty.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

80

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

16

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

80

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

615

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

JGEC is committed to maintaining high academic standards through a comprehensive evaluation system that includes both formative and summative assessments. The establishment of an exclusive Examination Cell, managed by the Controller of Examination, ensures the effective implementation of reforms recommended by the Autonomous Body/University.

Faculty involvement in setting question papers, along with thorough result analysis and review by Department Heads, highlights the institution's dedication to the integrity and quality of the evaluation process. The college's meticulous planning of semester examinations, including the appointment of internal supervisors, invigilators, and the use of software for result processing, ensures smooth conduct and timely publication of results.

Additionally, JGEC's ongoing implementation of "Student Life Cycle Management" to automate administrative processes reflects a forward-thinking approach to improving efficiency and streamlining operations.

Overall, JGEC's focus on a rigorous evaluation system, combined with

the integration of modern technologies, demonstrates its commitment to high academic standards and operational excellence, benefiting both students and faculty.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://jgec.ac.in/result

2.6 - Student Performance and Learning Outcomes

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

Jalpaiguri Government Engineering College (JGEC) prioritizes educational excellence by clearly defining and communicating Program Outcomes (POs), Program-Specific Outcomes (PSOs), and Course Outcomes (COs) for all undergraduate and postgraduate courses. These outcomes are prominently displayed on the college website and shared with both faculty and students, ensuring transparency and clarity in the educational process.

The alignment of internal assessments and final exams with course objectives highlights JGEC's commitment to meaningful evaluation and achieving desired learning outcomes. The institution also maintains a robust feedback mechanism, collecting student input on program and course outcomes. This feedback is carefully analyzed and acted upon by the department's academic cell, supported by the Internal Quality Assurance Cell (IQAC), to drive continuous improvements.

Through these practices, JGEC demonstrates a proactive approach to refining its academic processes and maintaining educational relevance. The use of structured outcomes and student feedback not only enhances the quality of education but also ensures a responsive and dynamic learning environment. Overall, JGEC's focus on clear learning outcomes and ongoing improvements reflects its commitment to delivering a high-quality, student-centered educational experience.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://jgec.ac.in/public/upload/notice/1683 967424_7c7ab82317889d384564.docx

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Jalpaiguri Government Engineering College (JGEC) has developed a robust system for evaluating the attainment of Program Outcomes (POs), Program-Specific Outcomes (PSOs), and Course Outcomes (COs). The institution employs both formative and summative assessments, complemented by a feedback mechanism that actively involves students in evaluating the achievement of these outcomes. This approach highlights JGEC's commitment to ensuring the quality and relevance of its academic programs.

A key feature of this system is the emphasis on student feedback, which is gathered using a standardized format based on COs, POs, and PSOs. This enables a comprehensive assessment of the teaching-learning process. The careful analysis of feedback scores, especially addressing any ratings below 4, reflects JGEC's dedication to continuous improvement and responsiveness to student input.

JGEC also employs a well-structured evaluation framework that categorizes assessment methods into direct and indirect approaches. The allocation of weightages for internal tests and final exams ensures a balanced evaluation of student attainment across different aspects of the curriculum.

Overall, JGEC's evaluation system is thorough, student-centered, and focused on maintaining high academic standards while continuously improving the educational experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

350

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://jgec.ac.in/public/upload/academic/1735637772.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://docs.google.com/spreadsheets/d/1Tl9xom2_aukjOvRstWbX33odLobVxpShOC3IVMm6roo/edit?usp=sharing

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Institute has a strong and progressive policy for promoting and incentivizing research. The faculty members are encouraged to upgrade their educational qualification by participating in Ph.D program. Institute has also thrives to attain very best by ensuring the faculty members to submit research proposals to concerned department of state and central government along with various funding agencies. To publish research papers in UGC care journals and different national and international conferences. All preparation for such are facilitated by the college. The college is effectively looking forward towards signing a number of MoUs with Industry which will help the students in undertaking UG and PG project sponsored by such industries.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://jgec.ac.in/public/upload/notice/1702752933.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

1

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

7

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institute has a potent and radiant system to provide impacts towards innovations, creation, and transfer of knowledge. The teaching stuffs are encouraged to take up research projects in their area of interest as well as present papers at national and international conferences and also publish in reputed journals. Entrepreneurship forms the core of all our academic programmes while inviting eminent and successful entrepreneurs for delivering lectures on entrepreneurship so that our students get benefit from their experience and expertise. The Institute does not limit itself to holding courses and programmes on various engineering streams only but also propagates community based programmes through NSS thereby molding their consciousness towards social responsibilities. To sum up, JGEC has a well-knit network and congenial environment for promoting research, entrepreneurship, community orientation, Incubation etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/academic/1735637772.pdf

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

3

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	**No File Uploaded**

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

23

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/academic/1735637772.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

7966

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

86

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

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

5

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

829511

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The prime focus of education is to propagate all round development of the students while the prime strength of this Institute is its tenacity to unravel the deep seeded talents of the students propelling them further towards becoming citizens rich in knowledge . Knowledge and quality oriented education is provided to the

students by inculcating moral values, scientific temper and employing state of the art technologies. The Institute plays a prudent role in campus connection, wellbeing of its neighbourhood and has developed a number of community development activities under NSS - cell of the college headed by a experienced faculty member. NSS encourage students to participate in various programs of social service and National development, to help the community. For this purpose, beside the knowledge gained in the classroom JGEC also focuses on organizing various extension activities in the neighbourhood community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/gallery/1696242397.jpg

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

2

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

10

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

645

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

100

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

8

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	[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 equipments, etc.

The college is committed to ensuring the effective availability and optimal use of its physical infrastructure, recognizing its crucial connection to the institution's broader mission: "To provide a foundation for holistic innovation, teamwork, creativity, and competence in students, expose them to global challenges, and become

pioneers of the Indian vision for a modern society." A comprehensive needs assessment is conducted at the start of each academic year to determine the necessary replacement, upgrade, or expansion of existing infrastructure. This evaluation is based on input from the Board of Studies (BOS) members, Heads of Departments, lab technicians, and the system administrator. It takes into account course requirements, the computer-to-student ratio, financial constraints, the operational status of existing technology, and student feedback. The Time Table Committee strategically plans for the allocation of all required resources, including classrooms, laboratories, furniture, and equipment.

- Infrastructure optimization includes educating faculty members on new technologies through workshops, awareness campaigns, and training sessions.
- The recruitment of highly skilled system administrators and lab professionals ensures efficient infrastructure usage.
- Encouraging innovative teaching and learning methods leads to maximum utilization of available resources.
- Activities such as certificate programs, co-curricular and extracurricular events, parent-teacher conferences, campus recruitment training, recruitments, meetings, seminars, and conferences make full use of the infrastructure even after regular college hours.

Additionally, the infrastructure serves as a testing facility for various government and academic exams, including EAMCET and GATE.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jgec.ac.in/

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

The institution offers a wide range of sports facilities on campus, with athletics forming a key part of the curriculum. It is committed to creating a balanced environment that fosters students' academic, cultural, and athletic growth, contributing to their overall personal development. Interdepartmental, intercollegiate, and interuniversity tournaments are central to promoting team spirit and building positive relationships among students. Exceptional performers are awarded certificates, trophies, and medals.

JGEC's philosophy integrates recreation, learning, and competition, ensuring all students have the chance to participate in team-oriented activities. The college provides the necessary equipment for both inter- and intra-college sports. A variety of events and contests enhance the athletic experience, supporting the college's mission to focus on students' holistic development.

The Unified Sports program provides ample opportunities for students to engage in sports, whether through collegiate teams or intramural activities, promoting camaraderie and mutual understanding. The campus is well-equipped with facilities for indoor and outdoor sports, including chess, carom, table tennis, cricket, volleyball, basketball, and football. A state-of-the-art gymnasium is available for physical fitness. The department organizes state-level tournaments, and during Annual Day celebrations, the Chairman's Trophy features intramural and extramural competitions. Students actively participate in external events, winning awards, with some selected for university-level teams in football and cricket.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/

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

7

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

198.23

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Name of ILMS software: LIBSYS LS EASE Version 4 Nature of automation: Partial Version: Version 4 Year of Automation: 2007

LIBSYS LS EASE (Version 4) from Libsys Corporation was installed in 2006. The library has created databases for books, periodicals, and journals. Approximately 95% of the books have been barcoded, and full barcoding is expected to be completed soon. The membership database is currently being processed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/academic/1735637772.pdf

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**C. Any 2 of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

0

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

55

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college has internet connectivity covering the entire campus. The Wi-fi facility has been provided to college building, and also in some portion of the campus and hostels. Few class rooms (smart class rooms) are ICT enabled with a computer, LCD facility, LAN and internet connectivity for enhancing teaching learning process. Most of the laboratories are provided with internet connectivity and computing systems to access worldwide web and e-learning materials. Seminar halls are equipped with multimedia facilities. Video Conferencing facilities are available for interaction with Industry experts and academicians. For example NPTEL courses are being organized through video conferencing. Faculty development Programmes are also arranged using videoconferencing. Invited talks and webinars are conducted in seminar halls using ICT facilities. Hi-speed internet connectivity is provided to the faculty members, students and research scholars through local area network/Wi-Fi. Departments in the constituent units are connected through LAN. Institute ensures the use of computer and related resources in an environmentally responsible manner. JGEC promotes the use of Information and Communication Technology (ICT) for managing academic activities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jgec.ac.in/public/upload/notice/1738 342038.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1514	550

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

D. Any one of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.youtube.com/watch?v=PpmESCQ-XQc
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

93.75

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

PWD-West Bengal takes care of construction, renovation and maintenance of physical facilities suchas college building, classrooms, auditoriums, seminar halls, laboratories, library, hostels, staffquarters, playground, roads in the college campus. Facilities such as computers, laboratoryequipments, office stationeries etc. are procured, and maintained by specific bodies/ committeesof the institute such as CPC (Central Purchase Committee), Sports Committee, etc. which review and

monitor the purchases. Education Department, Govt. of West Bengal. After approval from DTE, CPCmonitors the purchase and maintenance activities. Principal, after taking the consent of AccountsOfficer issues purchase order or work order.Request for maintenance and repairs is raised viadifferent departmental and sectional heads. On receipt of complaint or request for repair, juniorengineer sends an electrician, plumber and carpenter to site for maintenance work/repair. Themaintenance of the laboratories and the classrooms allotted to the departments are taken care bythe respective departments involving PWD. Budget for maintenance as well as up-gradation of theclassroom and laboratory facilities are projected by the respective department annually.Most ofthe lab equipment's are maintained by various service providers. Some of the sophisticatedinstruments of the academic departments and centralized facilities AC, water filtration units,photo copier, generator etc. are under annual maintenance contract (AMC).

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jgec.ac.in/public/upload/notice/1737910751.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

685

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

140

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	**B. Any 3 of the above**

File Description	Documents
Link to Institutional website	https://jgec.ac.in/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

353

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

221

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

4

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

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

15

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

1. **Anti-Ragging Committee:** In accordance with the UGC & AICTE Anti-Ragging Guidelines, the General Secretary and Assistant General Secretary of the Student Union are members of the Anti-Ragging Committee. They regularly attend committee meetings and provide input as student representatives.

2. **SC/ST Committee:** The SC/ST Committee works to prevent atrocities and discrimination against the SC/ST community. The quarterly action taken report of the committee is submitted to the Principal.

3. **Internal Complaint Committee:** The Internal Complaint Committee is responsible for publicly disseminating information about provisions against sexual harassment and ensuring wide awareness. It organizes training programs for officers, faculty, and students, addresses complaints, and publishes an annual report, which is uploaded to the AICTE portal by June 30th each year.

4. **Sports Committee:** The Sports Committee of the college includes student members, with a student serving as Secretary. The committee also has a Teacher Advisor. In addition to this, various other committees have student representatives who engage in special activities, including:
   - Cultural Committee
   - Social Committee
   - Jyoti Activities
   - Various Clubs
   - Magazine Clubs
   - Alumni Relations Activities
   - Campus Interviews
   - Newsletter Publication
   - Festival Organizing Committee
   - Seminar Organizing Committee

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jgec.ac.in/public/upload/notice/1683892617_ebda35afe461e07c5c3a.pdf

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

8

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Jalpaiguri Government Engineering College Alumni Association, registered under the West Bengal Act XXVI of 1961, has been actively involved in various initiatives aimed at the holistic development of students at JGEC. Headquartered at the College Administrative Building, the association plays a key role in organizing value-based seminars, workshops, and programs that focus on career development, technological advancements, and social issues. These activities are designed not only to prepare students for professional life but also to foster a sense of social responsibility.

In addition, the Alumni Association has established a platform for offering scholarships to deserving students at JGEC, reflecting its commitment to enhancing educational opportunities and promoting accessibility.

A major achievement of the association is the establishment of the Convention Centre, Kanchenjunga, on the JGEC campus. This center is designed to be a hub of innovation, offering students access to seminar and conference halls, meeting rooms, a knowledge-sharing room, a library, and guest accommodations. It will serve as a space for industry-institute collaboration, advancing student development

and nurturing a culture of innovation.

The Alumni Association's continuous efforts to improve the educational environment and support student potential are truly commendable. Its initiatives are set to leave a lasting impact on the JGEC community.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://jgecalum.org/

5.4.2 - Alumni's financial contribution during the year	B. 10 Lakhs - 15 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

In alignment with the college's vision—to be a leading provider of globally competitive, high-quality technical human resources and to significantly contribute to the development of technologies and innovations that promote sustainable economic growth and enhance the quality of life—the institution is committed to continuous improvement, sustained growth, and fostering a culture of quality. The leadership of the college is guided by principles of sound judgment, effective communication, and the establishment of high standards and benchmarks in education and administration, always striving for excellence and stakeholder/student satisfaction.

The organizational structure includes various bodies such as the Governing Body, Financial Management Committee, Academic Council, Board of Studies, and Grievance Cell. The Governing Body convenes at least once every quarter, while the Finance Committee meets at least twice annually. The college encourages participatory management by actively involving stakeholders at all levels. Through departmental

meetings, coordination committee meetings, and Board of Studies sessions, the college facilitates the internal exchange of ideas in a democratic manner, promoting maximum participation from faculty and staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/about/15/vision-and-mission

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

Department heads at the institution enjoy significant autonomy in both academic and managerial matters. The support provided by the Head of the Institution, various HODs, and committees is vital for the smooth functioning of both operational and academic activities. Additionally, the Principal's financial authority, as defined by state government directives, plays an essential role in the institution's operations.

The practice of allowing Department Heads to make routine decisions based on situational needs, which are later ratified by the Principal, offers flexibility while maintaining accountability. Major decisions are typically made after brainstorming sessions among the Heads of Departments, with consensus being sought, which fosters collaboration and collective decision-making.

Once a decision is reached, implementation is carried out through a series of officers, reflecting a structured approach to execution. This organized system effectively balances autonomy with accountability and encourages a collaborative decision-making environment.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/academic/23

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institution is committed to securing maximum funding from central and state government agencies to strengthen its Research and Development (R&D) facilities. These funds will be utilized to modernize existing laboratories to meet the evolving technological demands and improve the overall quality of education for students.

The Board of Governors is focused on filling faculty vacancies through the Government Recruitment Process, with the goal of enhancing faculty quality. This will be achieved by encouraging faculty participation in Faculty Development Programs (FDPs), conferences, seminars, and industry-specific programs. In addition, efforts will be made to create an environment that provides easy access to national and international journals through digital platforms.

Student assessments will be designed not only to evaluate technical knowledge but also to gauge critical thinking skills. Special attention will be given to disadvantaged and rural students to improve their transition rates. Moreover, the curriculum will be regularly updated to align with technological advancements, and the institution will adopt Outcome-Based Education (OBE) to ensure that educational outcomes are clearly defined and achieved.

All departments are encouraged to engage in revenue-generating activities, such as consultancies and testing services. This comprehensive strategy is designed to enhance the institution's R&D capabilities, improve faculty quality, enrich student learning outcomes, and foster an overall academic environment conducive to growth and excellence.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jgec.ac.in/public/upload/notice/1703529754.pdf
Upload any additional information	View File

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

The governance structure of the educational institution is composed of the Board of Governors (BOG), Academic Council, Principal, and Heads of Departments. The BOG plays a key role in guiding the institution toward achieving its objectives, approving new programs, and overseeing faculty recruitment and budget approvals.

The Academic Council is responsible for reviewing and approving proposals related to courses, academic regulations, and student admissions. It also recommends new programs and scholarships to enhance the institution's academic offerings.

The Principal oversees the implementation of strategic planning, monitors institutional progress, and manages both academic and administrative functions.

The Head of the Department is tasked with the academic and administrative leadership of their respective department. This includes developing teaching plans, overseeing research activities, fostering industry interactions, and implementing policy decisions. Additionally, they are responsible for student counseling, curriculum development, and managing resource materials.

Each component of the governance structure plays a vital role in ensuring academic quality, strategic development, and compliance with institutional regulations.

File Description	Documents
Paste link to Organogram on the institution webpage	https://jgec.ac.in/about/33/board-of-governors
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/academic/23

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Teachers are recruited through the Public Service Commission of West Bengal, and they are encouraged to pursue higher qualifications through the Quality Improvement Programme (QIP). Non-teaching staff are also supported in acquiring additional skills and qualifications.

Welfare measures for both teaching and non-teaching staff include the following:

1. Health Insurance
2. Leave Travel Concession
3. General Provident Fund
4. Festival Advance
5. Maternity Leave
6. Medical Leave
7. Leave Salary (Encashment of Earned Leave)
8. Earned Leave
9. Casual Leave

10. Summer, Puja and winter vacation 11. Gratuity Pension Benefits 12. QIP

These measures aim to ensure the well-being and professional development of the staff, contributing to a supportive work environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.wbifms.gov.in/PORTAL/postlogin.html

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

0

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

30

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Jalpaiguri Government Engineering College, a government-owned institution, follows a rigorous financial management process. Its annual budget is approved by the Financial Management Committee (FMC) and the Governing Body, with funds allocated from various government grants. All financial transactions are carried out through the treasury using e-transaction methods to maintain transparency. The college strictly adheres to the procurement norms of the Government of West Bengal, with a Central Purchase Committee overseeing centralized procurement. E-tendering is used for all procurements, and bills are processed for e-clearance at the treasuries after completing necessary formalities. The college's financial audit is conducted by the Accountant General (Audit), West Bengal, with periodic audits, though not necessarily every year. This comprehensive financial management system ensures transparency, accountability, and compliance with government regulations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/academic/1735637772.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

37.87

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The institution has established several dedicated funds to support its sustainability and development. These include the Corpus Fund, Staff Development Fund, Depreciation Fund, and Maintenance Fund.

The Corpus Fund, generated from donations, grants, and savings, is used for capital expenditure and operational costs, subject to approval by the Board of Governors (BOG). The Staff Development Fund is funded from the institution's share of net income and is allocated for staff training and development initiatives, as outlined by the BOG. The Depreciation Fund, also derived from net income, supports the replacement of equipment and other related needs as determined by the BOG. Finally, the Maintenance Fund, sourced from various streams, is designated for the regular upkeep of equipment and facilities, with expenditure decisions made by the BOG.

All funds are managed in accordance with government guidelines, ensuring that they are used effectively for the institution's long-term sustainability. These financial resources enable the college to address its capital, operational, and infrastructural needs, while also investing in staff development and the overall growth of the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/upload/notice/1683 892114_334a9f321d164a3d485c.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during

the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) aims to enhance the academic and administrative performance of the institution by fostering a culture of quality and promoting continuous improvement. IQAC implements strategies and processes to ensure efficient operations, high-quality academic and research programs, equitable access to education, innovative teaching methods, reliable assessment systems, and adequate support services.

Key functions of IQAC include setting quality benchmarks, creating a learner-centric environment, collecting feedback, organizing workshops and seminars, documenting quality improvement initiatives, and coordinating quality-related activities. The IQAC plays a critical role in clarifying the institution's direction, internalizing a culture of quality, improving coordination among various departments, and providing a foundation for informed decision-making.

Additionally, IQAC drives the implementation of quality enhancements and establishes systematic documentation and communication processes. By institutionalizing best practices, IQAC contributes to the overall improvement of the institution's quality culture and performance, ensuring that continuous quality enhancement becomes an integral part of the institution's operations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/upload/notice/1708457591.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution implements several strategies to enhance academic performance and overall quality. Regular seminars and workshops are conducted for faculty to update their knowledge and teaching methodologies. Seminars are made compulsory for PG students to foster their academic growth. To assess student performance, internal tests and assessments are regularly conducted. Extra classes are organized to ensure timely course completion, and remedial classes and doubt clearing sessions are offered to assist

slow learners.

A research cell has been established to encourage faculty and student research activities. Part-time faculty are appointed to fill vacant teaching positions in departments. The library has been fully automated and digitized for efficient access to resources. The institution also provides Wi-Fi and smart classrooms to facilitate modern teaching methods. The increased use of ICT tools further enhances the teaching-learning experience.

A course plan is prepared at the beginning of each academic session to ensure structured learning.

To maintain quality assurance, the institution collects feedback from students through questionnaires and suggestion boxes. Meetings of the Academic Council and staff are held to review and improve teaching and learning activities. Faculty members also maintain daily teaching diaries, which are reviewed monthly by the principal to ensure effective academic delivery and continuous improvement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jgec.ac.in/public/upload/academic/17 35637772.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://jgec.ac.in/public/upload/academic/1735637772.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. **Enforcing Equal Opportunity Policies: Develop and enforce policies that guarantee equal opportunities for all genders in areas such as recruitment, promotions, and professional growth.**
2. **Ensuring Pay Equity: Implement strategies to ensure equal pay for equal work, eliminating gender-based wage gaps.**
3. **Fostering a Supportive Work Environment: Cultivate a workplace that promotes work-life balance, offers flexible work arrangements, and supports parental leave policies for all genders.**
4. **Promoting Gender Diversity in Leadership: Actively encourage and support the inclusion of all genders in leadership roles, decision-making positions, and public-facing opportunities.**
5. **Establishing Confidential Reporting Channels: Create clear and confidential reporting systems for gender-based discrimination, harassment, or bias, and take prompt, appropriate action in addressing such concerns.**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.wbifms.gov.in/PORTAL/postlogin.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy　　　Biogas plant Wheeling to the Grid　Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

As part of our commitment to fostering a sustainable and eco-friendly environment within our educational institute and hostels, it is essential to address the management of both degradable and non-degradable waste. Effective waste management not only enhances cleanliness but also contributes to a healthier, greener campus.

To manage degradable waste, such as food scraps and organic materials, we have implemented a composting system. Composting bins are strategically placed across the campus and hostels, encouraging the proper disposal of biodegradable waste.

For non-degradable waste, including plastics, glass, and metal, we have introduced a comprehensive recycling program. Clearly marked recycling bins are positioned throughout the institute and hostels to ensure the efficient separation and collection of recyclable materials.

Additionally, we actively promote the reduction of non-degradable waste by encouraging the use of reusable items like water bottles, containers, and bags. We also work to minimize the use of single-use plastics and disposable products on campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[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

D. Any 1 of the above

File Description	Documents
Geotagged 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
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
 	
   1. **Green audit**
   2. **Energy audit**
   3. **Environment audit**
   4. **Clean and green campus recognitions/awards**
   5. **Beyond the campus environmental promotional activities**
	C. Any 2 of the above

File Description	Documents
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 a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**C. Any 2 of the above**

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

JGEC organizes various events and initiatives to foster a holistic environment for its students. Faculty and staff celebrate cultural and regional festivals such as Bengali New Year's Day, Teacher's Day, Orientation and Farewell programs, Induction programs, Tree Plantation, Youth Day, Women's Day, Yoga Day, and festivals like Biswakarma Puja.

The college also conducts motivational lectures by eminent personalities from diverse fields to encourage students' all-round development. These lectures emphasize national values like social and communal harmony and national integration, nurturing responsible citizens.

In addition to academics, the college sports committee organizes several sports activities. Students actively participate in both outdoor games such as football, cricket, volleyball, and basketball, and indoor games like chess and carom. These activities promote teamwork, leadership skills, and physical fitness.

A night school, "Jyoti - A Ray of Hope," is run by students under teacher mentorship, aiming to support underprivileged communities. Furthermore, the college encourages addressing societal issues with technological solutions, ensuring the effective use of resources and departments.

Additional programs focused on healthcare, agriculture, technology issues, and cybersecurity are also conducted to benefit the wider community, promoting social responsibility and innovation.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Our college organizes a Student Induction Program featuring various activities and seminars. Committee members and guest lecturers from diverse fields consistently motivate students to understand the values, rights, and other key aspects of our constitution. A PDF file containing the list of these programs and related office orders is attached.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**D. Any 1 of the above**

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 programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Every year, our college celebrates national events like Independence Day and Republic Day with great enthusiasm and active participation. On these special days, faculty, staff, and students gather in front of the administrative building in the morning. The national flag is hoisted, the national anthem is sung, and sweets are distributed. Our principal delivers a speech to mark the occasion.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

The villages of Dangapara and Patkata, located near JGEC, face significant challenges that affect both the community and the students of the college. The villagers struggle to meet basic needs, with many lacking proper sustenance and an academic environment for their children. Issues such as exploitation by tuition providers, low adult literacy, and the absence of guidance for youth exacerbate these difficulties. Furthermore, the villages suffer from inadequate access to clean drinking water and poor sanitary conditions, further compounding their hardships.

In response to these issues, JGEC launched the JYOTI program in 2010, which has since seen remarkable growth and success. Initially serving 80 students, the program now supports around 150 children, providing classes four times a week for students from Class 4 to Class 10. It also offers guidance for Polytechnic entrance exams and includes a Hindi section for students from local tea garden schools. The program's impact is evident in the success of a student who cleared the WBJEE and graduated from JGEC. Moreover, the Alumni Association has played a pivotal role in offering scholarships to deserving, financially challenged students, further contributing to the community's educational advancement.

File Description	Documents
Best practices in the Institutional website	https://jgec.ac.in/public/upload/notice/1686559197_291a320305afef94c6a4.docx
Any other relevant information	https://www.jyotijgec.org/

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Our Vision To be a global leader in providing highly skilled technical human resources, fostering technological advancements, and contributing to sustainable economic growth and improved quality of life.

Our Mission To evolve into a world-class institution, advancing knowledge and educating students in the field of technology.

Core Values Eco-friendly Campus and Sustainability: A Green Campus integrates environmentally conscious practices with education to promote sustainability. Our efforts are focused on embedding eco-friendly strategies into institutional planning, aiming to create a clean and green environment. Jalpaiguri Government Engineering College is committed to maintaining a green and clean campus, incorporating sustainable practices into both academics and student activities. We emphasize the efficient use of resources and stand against wasteful practices. To support these goals, we have developed targeted plans to cultivate an environmentally conscious academic atmosphere.

File Description	Documents
Appropriate link in the institutional website	https://jgec.ac.in/public/upload/notice/1703 585636.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

In the upcoming academic year, the following initiatives are planned for the advancement of the institution:

1. **Energy Efficiency: The campus will be equipped with LED lighting and energy-efficient utilities to contribute to the energy conservation movement.**

2. **Cultural and Social Awareness: Cultural and social activities focused on gender equality awareness, which were postponed last year due to the lockdown, will be conducted.**

3. **Accessibility Improvements: Ramp and lift facilities for differently-abled individuals will be implemented in key areas across the campus.**

4. **Green Energy Initiatives: Students will be actively engaged in promoting renewable energy solutions as part of a broader green energy movement.**

5. **Environmental Audits: Energy and green audits, which could not be carried out last year, will be conducted to assess and improve sustainability practices.**

6. **Cultural Awareness: Several cultural events will be organized to enhance awareness of the Indian constitutional system and its significance.**

7. **Strengthening Green Campus Efforts: Continued focus on reinforcing green campus initiatives, ensuring environmental sustainability throughout the institution.**