



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Jalpaiguri Government Engineering College
• Name of the Head of the institution	Prof (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. ENGG. 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. Jishan Mehedi
• Phone No.	9679496020
• Mobile No:	8145429809
• IQAC e-mail ID	iqac@jgec.ac.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://jgec.ac.in/public/uploads/1681452887_7b4a2dac12efc14bf4f5.pdf

4. Was the Academic Calendar prepared for that year?		Yes			
<ul style="list-style-type: none"> if yes, whether it is uploaded in the Institutional website Web link: 		https://jgec.ac.in/public/uploads/1683887654_7f19aa82113daedcdc6a.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:					
<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 		View File			
9. No. of IQAC meetings held during the year		03			
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 		Yes			
10. Did IQAC receive funding from any funding agency to support its activities		No			

during the year?

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

.Started offline class .Publication of final year result within one month after completion of examination Offline examination internship academic & research collaboration Opened a small Museum .

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
1. Publication of result with shortest time duration for final year	1. Final year result was published within one month
2. Preparation for NBA accreditation	2. Departments are preparing to apply for NBA in the next year
3. Science Museum in the college	3. it was inaugurated in the event of diamond jubilee celebration
4. Planning to introduce new certificate courses	4. Four number proposal for opening new certificate courses are in process
5. One international Conference	5. conference was completed successfully
6. one international journal from Mechanical Engineering Department	6. the journal started publishing research articles

13. Was the AQAR placed before the statutory body?

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
BOG (Board of Governors)	24/11/2022

14. Was the institutional data submitted

No

to AISHE ?

- Year

Year	Date of Submission
Board of Governors	24/11/2022

15.Multidisciplinary / interdisciplinary

1.Our institute has started its planning to incorporate multidisciplinary/ interdisciplinary courses.

2. Students of the second years are given opportunities to their branches depending on their performances in the first year. Course curriculum has been revised keeping in mind the branch change facilities.

16.Academic bank of credits (ABC):

Our institute has not yet adapted Academic bank of Credit System.

17.Skill development:

1. Our Training and Placement Cell conduct regular skill development activities.

2. Coders Club conducts different program for coding skill development

3. Students conduct technical Fest named: SHRISTI" regularly for the development of technical Skill of the students.

4. JGEC Alumni association organized industry Institute interaction.

5. JGEC organizes rain coat making & paper making

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

Our institute has revised its curriculum from the session 2021-22 batch and included courses like Essence of Traditional knowledge (MC-EC/ME/EE/CE/CS/IT/301), Indian Constitution to integrate Indian Knowledge System in the course.

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

Outcome-based education (OBE) is education in which an emphasis is placed on a clearly articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have, when they leave the school system. It is sometimes also called performance-based education and is an attempt to measure educational effectiveness based on results rather than on inputs such as time students spend in class. The student learning outcomes constitute the criteria by which curriculum is developed at our institute. To emphasis more on OBE our course curriculum has been regorously revised from 2021-22 session. Institute is taking feebcak from the alumni and industry to revise its syllabus for making it more outcome based.

20.Distance education/online education:

Our institute do not conduct any distance mode course.

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

08

File Description

Documents

Institutional Data in Prescribed Format

[View File](#)

2.Student

2.1

Total number of students during the year:

1577

File Description

Documents

Institutional data in Prescribed format

[View File](#)

2.2

Number of outgoing / final year students during the year:

455

File Description		Documents
Institutional Data in Prescribed Format		View File
2.3	Number of students who appeared for the examinations conducted by the institution during the year:	1577
File Description		Documents
Institutional Data in Prescribed Format		View File
3.Academic		
3.1	Number of courses in all programmes during the year:	389
File Description		Documents
Institutional Data in Prescribed Format		View File
3.2	Number of full-time teachers during the year:	82
File Description		Documents
Institutional Data in Prescribed Format		View File
3.3	Number of sanctioned posts for the year:	110
4.Institution		
4.1		45

Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
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):	130.59085

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.

The curricula adopted have relevance to the global developmental needs with well-defined and informed learning objectives and outcomes at programme and course level. The outcomes for different courses are decided by applying the internationally recognized and expected attributes of the graduates in engineering. Before starting a new programme, a preliminary meeting is held to assess the feasibility of the programme, which is followed by formation of the Board of Studies (BoS). External Members of Boards of Studies include academic and industry experts, who contribute dynamically in updating the curricula on periodic basis within the ambit of regulatory guidelines. After identifying the requirements of changes in different parts of curricula by Board of Studies, the same is forwarded to the Syllabus committee to make final structure and detail content of the syllabus and then it is presented to Academic Council for final approval. JGEC complies with all guidelines of the Statutory Regulatory Authorities (SRAs) like UGC, AICTE in developing/restructuring curricula. JGEC has revised curriculum of UG and PG programs. JGEC has defined program outcomes, program specific outcomes and course outcomes for all its programs and collect feedback on course outcomes at the end of semester from students as an initiative for

continual improvement. In order to have right mix of curriculum, pedagogy and assessment to achieve the desired outcomes, curriculum development and approval involves deliberations at various levels through Syllabus committee.

File Description	Documents
Upload additional information, if any	
Link for additional information	officedocument.wordprocessingml.document;base64,UESDBBQABgAIAAAAIQB+aLEFlvgEAAM8HAAATAAgCW0

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

06

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

03

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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

06

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
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

Human Values and Professional Ethics course is an integral part of B.Tech. curriculum. Students of B.Tech. programs study human values and professional ethics course in their 1st and 2nd semesters. This course is introduced to appreciate the essential complementarity between 'Values' and 'Skills' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings. To facilitate the development of a Holistic perspective among students towards life and profession as well as towards happiness and prosperity based on a correct understanding of the Human reality and the rest of existence. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature. Undergraduate students study environmental science in their first semester. They study cause & effects of present environmental

crisis, importance of natural resources including biological diversity, pollution hazards, and possible solutions of present crisis. The courses like Solid And Hazardous Waste Management, Climate Change and Adaptation solar energy and wind energy, Energy conservation, Renewable Energy Sources and Technology, Power Electronics for Renewable Energy, Advanced Energy Storage Technology, etc provides a solution to move towards sustainable growth and development. The institute takes initiatives to grow awareness on gender equity among students and teachers.

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	No File Uploaded

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

9

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	View File

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

628

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

648

File Description	Documents
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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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders ' feedback report	data:application/pdf;base64,JVBERi0xLjcKJeLjz9MKOTYgMCBvYmoKPDwKL0ZpbHRlciAvRmxhdGVEZWNyZC
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	
Any additional information	

1.4.2 - The feedback system of the Institution comprises the following

D. Feedback collected

File Description	Documents
Provide URL for stakeholders' feedback report	data:application/pdf;base64,JVBERi0xLjcKJeLjz9MKOTYgMCBvYmoKPDwKL0ZpbHRlciAvRmxhdGVEZWNYZC
Any additional information	

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

403

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)

178

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.

All constituent units of the institute begin the academic year for fresh students with an orientation/induction programme. The college understands the need of the parents as well and hence, invites parents and students to the Orientation program to familiarize them with the college, its rules and regulations, facilities and various departmental faculties. Lateral entry students are admitted to the second year (3rd semester) directly through JELET after their diploma in polytechnic colleges. In case of slow learners, faculty members from constituent units continuously monitor the performance of students under their Teacher- guardianship program. Tutorial classes and extra classes are conducted for weak students. Students organise workshops for weaker students especially in subjects like C programming, MATLAB etc. Adequate opportunities are available for the weak students to clear their backlogs in terms of make-up exam and supplementary exam. Faculty members help the students who want to appear for any competitive exams. Specialized coaching is provided to such students aspirant for GATE.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683967221_2c7f463f57619855af54.pdf

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
22/08/2022	1577	82

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:

The examination comprises two components, the internal assessment component for 30% and the end of semester examination accounting for the rest. The class tests generally commences once in every one and half month of that semester. The tests are conducted by the respective academic department. Practical exposure to students is an important part of engineering teaching to help

students nurture critical thinking, creativity and scientific temper. The student can do experiments and seek the advice from a faculty member for validation and further guidance. JGEC encourages student centric methods such as experiential learning, participative learning and problem solving methodologies is adopted so as to build competency. Students are supposed to carry out intensive laboratory experiments on respective departmental course works, sessionals on design and project works and they need to do industrial training as part of the curriculum. Along with the normal academic activities, post graduate Students are deployed in UG laboratory and class room teaching. As part of program are encourage to take part in community based extension activities and outreach programs. This would give them opportunity for participative learning. Students are encouraged to carryout group projects to provide an opportunity for participative learning. In all academic departments, teachers use problem based and case based learning methods to elicit critical thinking among students. Students of technical programs are required to do compulsory problem based project work.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://jgec.ac.in/public/uploads/1683967221_2c7f463f57619855af54.pdf

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

In the four-year engineering programme, there are practical courses, besides a Project in the final semester. The examination comprises two components, the internal assessment component for 30% and the end of semester examination accounting for the rest. For the Internal assessment, there are two class tests spread evenly over the entire period of the semester. The class tests generally commences once in every one and half month of that semester. The time table for the class tests is given at least a week ahead of commencement of tests.

Experimental Learning: Students are supposed to carry out intensive laboratory experiments on respective departmental course works, sessionals on design and project works and they need to do industrial training as part of the curriculum. Along with the normal academic activities, post graduate Students are deployed in UG laboratory and class room teaching.

Participative Learning:

As part of program are encourage to take part in community based extension activities and outreach programs. This would give them opportunity for participative learning. Students are encouraged to carryout group projects to provide an opportunity for participative learning.

Problem solving methodologies: In all academic departments, teachers use problem based and case based learning methods to elicit critical thinking among students. Students of technical programs are required to do compulsory problem based project work.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://jgec.ac.in/
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

82

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

As per the university regulations, the college must have 90 working days per semester. With this in mind, a calendar is prepared to give dates of reopening, holidays and dates for other events such as foundation day, Sports days, college technical festival, etc. This is printed and given to all faculty and students at the beginning of the academic year. In a typical 4 year engineering programme, there are about 40 theory courses and 14 sessional/ practical courses. Also the calendar is attached with the college website and the college portal for digital convenience and for easier access. The timetable, examinations are planned as per the calendar and there will usually be a complete adherence to it. However, in the case of unanticipated circumstances, the curriculum is completed by engaging lecture and lab sessions beyond college hours to compensate the lag.

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

82

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	No File Uploaded

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

30

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	No File Uploaded
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)

1178

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

59

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	No File Uploaded

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

10

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	No File Uploaded

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 has developed a comprehensive evaluation system comprising of formative and summative assessments. For the effective implementation of the reforms advised by the Autonomous Body/University, the college has an exclusive Examination Cell headed by the Controller of Examination for overseeing the conduct of examinations. Question papers are set by different faculty and handed over to the Examination Cell for ensuring smooth conduct of the examination and evaluation. The results are analysed and reviewed by the HoD so as to plan and execute corrective actions, if any. The effective implementation of the Semester examinations are ensured by way of display of examination timetable, appointment of eligible internal supervisors, invigilators. Result processing is done using software and published on website. The Institute is in the process of implementing "Student Life Cycle Management" to automate the entire process.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://jgec.ac.in/#

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

Institute has defined program outcomes, program specific outcomes and course outcomes for all undergraduate and post graduate programs offered by academic departments. POs, PSOs and COs are displayed on website and the same has been communicated to teachers and students. Internal Assessment (IA) and Semester end/final year examinations are based on course objectives/outcomes. In addition, JGEC has developed feedback mechanism to obtain student feedback on program and course outcomes. The feedback obtained is analyzed and necessary action is taken based on recommendations of department academic cell constituted by IQAC to monitor academic progress.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://jgec.ac.in/public/uploads/1683967424_7c7ab82317889d384564.docx

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

Attainment of program outcomes, program specific outcomes and course outcomes are evaluated in the form of formative and summative assessments. Institute also has a mechanism to obtain feedback from students on attainment of program and course outcomes. Student feedback is the major aspect for analyzing the teaching learning process. At the end of each semester students' feedback is collected in standardized format with questions based on course outcomes (CO), program outcomes (PO) and program specific outcomes (PSO). The score obtained on 5 point scale is analyzed in detail and any score below 4 is discussed in detail for the plausible reasons. Primarily attainment is the standard of academic attainment as observed by test and/or examination result. Assessment methods are categorized into two as direct method and indirect method to assess CO's and PO's. Internal test assessment and end semester examination assessment are considered with the weightage of 20% and 80% respectively for the direct assessment of CO. CO assessment methods are employed Direct assessment method and indirect assessment method are considered for 80% and 20% weightages respectively. Internal test assessment and end semester examination assessment are considered with the weightage of 20% and 80% respectively for the direct assessment of CO. The attainment level may be set by the particular program or commonly by the institution.

File Description	Documents
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Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683967424_7c7ab82317889d384564.docx

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

413

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	No File Uploaded
Paste link for the annual report	https://jgec.ac.in/public/uploads/1685442052_d7585dd4f1e715a0c9a2.xlsx

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://jgec.ac.in/public/uploads/1685373798_7ef7e0c9e7b007ca9e73.pdf

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 well-defined and forward looking policy for promoting and incentivizing research. The faculty members are encouraged to improve their qualification through Ph.D program. Encouraged the faculty members to submit research proposals to concern department of state and central government and various funding agencies. To publish research papers in UGC care journals and different national and international conferences. Official procedure required for attending

the conference are made from the college end. The college has signed a number of MoUs with Industry which will helps the students in undertaking UG and PG project sponsored by the industry.

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/uploads/1683894059_8d5b5c691fda9b87d20d.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)

nil

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)	
13.99	
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	No File Uploaded
Any additional information	No File Uploaded
3.2.2 - Number of teachers having research projects during the year	
7	
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683894197_3317c90411820a310c80.xlsx
List of research projects during the year	View File
3.2.3 - Number of teachers recognised as research guides	
8	
File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded

Institutional data in Prescribed format	View File
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3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.vigyansathi.in/e
Any additional information	View File

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 robust and vibrant system to promote innovations, creation, and transfer of knowledge. The faculty of the Institute are encouraged to take up Research Projects in their area of interest. The faculties are encouraged to present papers at National and International conferences and also publish in reputed journals. Entrepreneurship forms the core of our all academic programmes. The Institute keeps inviting eminent and successful entrepreneurs for delivering lectures on entrepreneurship so that our students benefit from their experience and expertise. The Institute does not restrict itself to holding courses and programmes on engineering only. It has carved a niche itself by exposing its students to community service to sensitize them towards their social responsibilities through NSS and JYOTI. To sum up, JGEC has a well-knit network and a nice ecosystem for promoting research, entrepreneurship, community orientation, and Incubation .etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgrec.ac.in/public/uploads/1683894982_75a014f8d7622c127a2f.pdf

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

4

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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	https://jgec.ac.in/

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

20

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

2

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

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

613

File Description	Documents
Any additional information	No File Uploaded
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

21

File Description	Documents
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Bibliometrics 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)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
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

0

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

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 core aim of education is to foster all round development of the students and the major strength of this Institute is its ability to ensure holistic development of students to make them enlightened citizens. Knowledge and quality based education is provided to the students by inculcating moral values, scientific temper and employing state of the art technologies. The Institute is conscious of its role in campus connection, wellbeing of its neighborhood and has initiated a number of community development activities under NSS - cell of the institute headed by a senior faculty member. NSS enables students to participate in various programs of social service and National development, to help the community. For this purpose, JGEC aims to strike a balance between the knowledge gain in the four walls of classroom set up and the learning activities essentially to take place outside a typical pen and pencil classroom experience by organizing extension activities in the neighborhood community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683895065_34de4608ad65b3806b4d.pdf

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

4

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

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)

1

File Description	Documents
Reports of the events organized	View File

Any additional information	No File Uploaded
3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year	
100	
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	
03	
File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File
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)	
2	
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	No File Uploaded
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 situated on a sprawling of lush green campus. Physical and Academic infrastructure and resources are instrumental in creating an ambience for enhancing productivity of the Institute community. The Institute has provided adequate infrastructure facilities, including sufficient classrooms and lecture halls plus laboratories and other facilities, with a total built up area of 23340 sqm (planned). JGEC has taken initiatives to invest substantially towards improving the classrooms, laboratory infrastructure, books and journals and online resources for teaching, learning and research. Teachers are provided with computers to access academic resources for teaching. The Institute has been continually and constantly upgrading the infrastructure on the campus keeping in pace with increasing demand and requirements of the constituent units. The Institute strives its utmost to meet the additional requirements. Resources are shared across departments whenever needed. Playground and sports facilities are accessible to all the students.

Sl No

Type of room

Number of room

Size (in sq. m)/ capacity of each room

1

Class Rooms

28

1529 sq.m

2

Tutorial rooms

8

1529 sq. m

3

Laboratories

45

4849 sq. m

4

Drawing Halls

3

378 sq. m

5

Computer Centres

3

450

6

Central Examination Facility

1

2000 sq. ft

7

Auditorium

2

8

Science Museum

4

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683893639_d37ee3a06869344f8dc0.docx

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 College is encouraging and providing facilities for students to participate in outdoor games and Indoor Games. The College has always created a mark in the field of sports. Outdoor Games: A spacious play grounds are available for outdoor games like: Cricket Practice: The Ground has 65 Mts. Circle and Ground Level at Zero Level Volley Ball Court: The Institution has Two Volley Ball Courts confirming standards. Students use the same in the evening hours. Basket Ball Court: There are two basket ball courts confirming to standards are available to enable teams to avail the facilities in evening hours. Indoor Games: Facilities for the indoor games like Badminton, Table Tennis, Chess, Caroms etc, are also provided to students in the college campus. Auditorium: The seating capacity of the hall is about 400. Cultural Activities: College has many clubs such as Coder's club, Nature's club, Music, Dance club, Photography Club, Trekking Clubs, National service scheme, through which these clubs organize various activities throughout the year. Every year an art exhibition is conducted to render the students an opportunity to express in the form of art. A display of the exhibits, including photographs, paper quelling art, canvas painting, pencil sketching, sculpture, rangoli, abstract paintings is arranged. The students are organizing & participating in many cultural activities like group songs, dance, arts etc., during Annual day celebrations held every year during SRISTI/ JECLET. The Institute has also been regularly participating in the zonal and inter zonal youth festivals.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File

Paste link for additional information	https://www.youtube.com/watch?v=G_48PtYPZAY
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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)

130.59085

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

- Name of the ILMS software : LIBSYS LS EASE Version 4
- Nature of automation (full or partial) : Partially
- Version : Version 4
- Year of Automation :2007

LSEase(version 4) of Libsys Corporation has been installed in 2006. The library has so far created database of books, periodicals and journals. Bar Coding of 95% books have been completed and it is expected that within a short time full bar coding would be done. Membership database is under process.

File Description	Documents
Upload any additional information	View File

Paste link for additional information	https://jgec.ac.in/public/uploads/1683893097_9ca101142efe3f93365e.pdf
4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	B. Any 3 of the above
File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded
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	
12	
File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded
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 video conferencing. 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/uploads/1683893300_ada4a79487c70bb674c6.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1561	550

File Description	Documents
Upload any additional information	No File Uploaded

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

A. ≥ 50 Mbps

File Description	Documents
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Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

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

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

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)

101.01477

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 such as college building, classrooms, auditoriums, seminar halls, laboratories, library, hostels, staff quarters, playground, roads in the college campus. Facilities such as computers, laboratory equipments, office stationeries etc. are procured, and maintained by specific bodies/ committees of 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, CPC monitors the purchase and maintenance activities. Principal, after taking the consent of Accounts Officer issues purchase order or work order. Request for maintenance and repairs is raised via different departmental and sectional heads. On receipt of complaint or request for repair, junior engineer sends an electrician, plumber and carpenter to site for maintenance work/repair. The maintenance of the laboratories and the classrooms allotted to the departments are taken care by the respective departments involving PWD. Budget for maintenance as well as up-gradation of the classroom and laboratory facilities are projected by the respective department annually. Most of the lab equipment's are maintained by various service providers. Some of the sophisticated instruments 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	No File Uploaded
Paste link for additional information	http://jgec.ac.in/#

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

638

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

60

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		
		A. All of the above
File Description	Documents	
Link to Institutional website	https://jgec.ac.in/public/uploads/1683892365_f0361a69fd5e5d1da0b3.xlsx	
Details of capability development and schemes	View File	
Any additional information	No File Uploaded	
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year		
0		
File Description	Documents	
Any additional information	No File Uploaded	
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded	
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		D. Any 1 of the above

**implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances
Timely redressal of grievances through appropriate committees**

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

5.2 - Student Progression

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

290

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

23

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

42

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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:

As Anti-Ragging Guideline of UGC & AICTE, General Secretary and Assistant General Secretary of Students Union are the Members of Anti-ragging Committee. They regularly attend the meetings of the committee and share their opinion as representative of the students.

2. SC/ST Committee: SC/ST Committee of the institution will function to prevent the offences of atrocities against the SC/ST Community. Also, the quarterly action taken report of the committee is placed to the Principal.

3. Internal Complaint Committee: Responsibility of the Internal Complaint Committee is to publicly notify the provisions against the sexual harassment and ensure their wide dissemination, organize training programs for officers, faculty, students and deal with the complaints. Also, publish the annual report and upload it to the AICTE portal by 30th June of the calendar year.

4. Sport Committee:

Sport Committee of the college is constituted with student members and a student member acts as Secretary. Committee also has a Teacher Advisor.

Following committees also have student representatives and they have some special activities mentioned below.

1.Cultural Committee

2.Social Committee

3. Jyoti Activities

4. Various Clubs

5. Magazine Clubs

6. Alumni related Activities

7. Campus Interview

8. Publication of the Newsletter

9. Organising committee of Different Festivals

10. Organising Committee of Seminars

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683892617_ebda35afe461e07c5c3a.pdf

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

8

File Description	Documents
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Report of the event	No File Uploaded
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 got registration on 22nd day of April 2010 from Registrar of Societies West Bengal Act XXVI of 1961 vide No:-S/L/70053 of 2010-11. The Alumni Association functions from College Administrative Building. Various activities of Alumni Association: Alumni Association's activities, till date, are broadly categorised in following divisions: a. Organization of various value-based seminars, workshops and programs b. Creation of platform for scholarship to students of JGEC c. Various student centric value-based activities to enhance JGEC experiences, including supporting Centre For Innovation d. Building a Convention Centre, Kanchenjunga, inside JGEC campus Purpose of various activities of Alumni Association: a. Organization of various value based seminars & workshops: Seminars, workshops, etc are organized on career development, technological advancement and social issues. Themes of various seminars are chosen with a vision to create value for society and educational system. It helps them to prepare themselves for professional life, as well as reminds them about their social responsibilities. b. Creation of platform for scholarship to students of JGEC: The convention centre will comprise of seminar and conference hall, meeting room, knowledge sharing room, reading room with library, guest rooms, etc. It will be centre of innovation for students of JGEC. It will be place for industry and institute interaction which will help in student development.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683892456_98c965c32c86cfc37a0f.pdf

5.4.2 - Alumni's financial contribution during the year

A. \geq 15 Lakhs

File Description	Documents
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Upload any additional information	View File
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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 line with the vision of the college, i.e., To be a provider of globally competitive, high quality technical human resources & to promote and significantly contribute towards development of technologies and innovations appropriate to sustainable economic growth and enrichment of quality of life, the provider is committed towards continual improvement, sustained growth and development of culture for quality. The leadership of the college is guided by the principle of sound judgment, effective communication and setting standards and benchmarks in quality education and administration, always striving to excel for stakeholder / student satisfaction. The Organization structure incorporates various bodies viz. Governing Body, Financial Management Committee, Academic Council, Board of studies and Grievance cell. The Governing Body meet at least quarterly in a year. The finance committee meets at least twice a year. The college encourages participatory management by involving the stake holders at all levels. Through departmental meetings, coordination committee meetings, Board of Studies meetings, the College facilitates the internal sharing of ideas in a democratic manner, encouraging maximum participation from faculty members.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683891073_ec6b22b9a8941a73a157.pdf

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

The department heads have both academic and managerial autonomy. To ensure smooth functioning of operational and academic activities the Head of the Institution shall be supported by different HODs and various committees. Principal is given financial powers as per state Government Orders. As far as academic aspects are concerned, the Head of Departments are permitted to take routine decisions in accordance with the situations and exigency and get it ratified by the Principal later. Major decisions are usually taken after brainstorming session in the meeting of the Heads of the Departments and by consensus. Once a decision is taken, the implementation is done by a succession of officers.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683891073_ec6b22b9a8941a73a157.pdf

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 obtain maximum funds from Central and State Government funding agencies to improve its Research and Development (R&D) facilities. Through the funding the existing labs will be modernized to cater the needs of changing environment in technology for improving students quality. The Board of Governors was interested in filling up faculty vacancies through the Government

Recruitment Process. The quality of faculty members is enhanced by motivating them to attend programs like FDPs, Conferences, Seminars and Industry oriented programs outside. Creating an environment to access national and international journals through digital media. The tests conducted to the students to be designed to measure technical and critical thinking of skills. Special attention will be given for disadvantaged and rural students to increase transition rate. Syllabus revision will be made in phase with the changing technology and adopting Outcome Based Education (OBE). All the departments are motivated to involve in revenue generating activities such as consultancies and testing.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://jgec.ac.in/public/uploads/1683891073_ec6b22b9a8941a73a157.pdf
Upload any additional information	No File Uploaded

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.

Board of Governors Composition:

Subject to the existing provision in the bye-laws of respective college and rules laid down by the state government/parent university, the Governing Body is the authority for the following:

Guide the college while fulfilling the objectives for which the college has been granted autonomous status.

Institute scholarships, fellowships, studentships, medals, prizes and certificates on the recommendations of the Academic Council

Approve new programs of study leading to degrees and/or diplomas.

All recruitments of Teaching Faculty/Principal shall be made by the Governing Body/state government as applicable in accordance with the policies laid down by the UGC and State Government from time to time.

To approve annual budget of the college before submitting the same at the UGC.

Academic Council:**Functions of the Academic Council:**

(a) Scrutinize and approve the proposals with or without modification of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications thereof, instructional and evaluation arrangements, methods, procedures relevant thereto etc., provided that where the Academic Council differs on any proposal, it shall have the right to return the matter for reconsideration to the Board of Studies concerned or reject it, after givi

File Description	Documents
Paste link to Organogram on the institution webpage	https://jgec.ac.in/public/uploads/1683891073_ec6b22b9a8941a73a157.pdf
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/#/

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	No File Uploaded
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

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

Teachers are recruited through Public Service Commission, West Bengal. Teachers are allowed to acquire higher qualification through Quality Improvement Programme (QIP) and they are allowed for QIP. Nonteaching staff are encouraged to acquire additional skills and qualifications. Welfare measures for teaching and non-teaching staff may be summarized as follows:

Health Insurance

Leave Travel Concession

General Provident Fund

Festival advance

Maternity leave

Medical leave

leave salary- encashment of earned leave

Earned leave

Casual leave

Summer, Puja and winter vacation

Gratuity Pension Benefits

QIP

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683891939_70d87e8ec812890aead1.pdf

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	No File Uploaded
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

6

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.)

11

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Jalpaiguri Government Engineering College is a fully Government owned Engineering College. The Annual Budget of the College is also endorsed by the Financial Management Committee (FMC) and Governing Body of the college. Throughout the year, college receives the Funds and Grants from the Government at different heads. Those head-wise funds are utilized as per requirement and all transactions are done through treasury. For all financial transaction college follows the process of e-transaction to make all transactions transparent. Also all purchases are done as per the existing norms of the Government of West Bengal. For centralized Procurement, College has Central Purchase Committee. For all procurements, e-Tender process is followed. After completing all formalities all bills are sent to the treasuries for the e-clearance of the bill. After thorough checking, all bills are processed. The Accountant General (Audit), West Bengal is responsible for the conduct of the Audit of the different Departments and Offices of the State Government and prepares the Annual Audit Report of the State Government.

Though the Officers of the office of the Accountant General (Audit), West Bengal periodically visit the college for the purpose of the Audit, they do not come to the college every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683892051_3a8f4042b6e971e14395.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)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Corpus fund has the source from:

Utilization :

This fund should be used for development of institute such as renewal of existing infrastructure, creation of new one etc. that are Capital expenditure in nature which are at times not covered through Government Funding, if necessary a part of the interest accrual may be utilized for operational expenditure of the institute as a budgeted expenditure with the approval of the Board of Governors.

Staff Development fund has the source from:

Utilization:

It will be utilized for critical Staff Development activities including Faculty and Staff up gradation not covered by Government Grant and as may be specified by the BOG.

Depreciation fund has:

25% of the institutions share of net income from consultancy services upto 50% of the IRG by rational utilization of available facilities like Academic space, Playground, Seminar Conference halt, Equipment etc., Upto 50% of the savings from Block Grant and sanctioned Budgeted expenditure (non-plan). The BOG of the institute also consider depositing in this Fund a fixed percentage of non-plan budget of the

Utilization:

It is utilized for removing obsolescence equipment replacement purposes and as decided by the BOG.

Maintenance fund:**Utilisation:**

It's meant for usual and regular maintenance of Equipment and Facilities of the institute and as decided by the BOG.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683892114_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)

IQAC uses mechanisms and procedures for

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- b) Relevant and quality academic/ research programmes;
- c) Equitable access to and affordability of academic programmes for various sections of society;
- d) Optimization and integration of modern methods of teaching and learning;
- e) The credibility of assessment and evaluation process;
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services;

Some of the functions expected of the IQAC are:

- a) Development and application of quality benchmarks
- b) Parameters for various academic and administrative activities of the institution;
- c) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- d) Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- e) Dissemination of information on various quality parameters to all stakeholders;
- f) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- g) Documentation of the various programmes/activities leading to quality improvement;
- h) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;

Benefits IQAC will facilitate / contribute to

- a) Ensure clarity and focus in institutional functioning towards quality enhancement;

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jgec.ac.in/public/uploads/1683887654_7f19aa82113daedcdc6a.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

1. The seminars and workshops conducted for the faculty
2. Taking seminars compulsory for PG students
3. Examining students by conducting internal tests assessments
4. Holding extra classes for course completion on time.
5. Arrangement of remedial classes, doubt clearing classes for slow learners
6. Establishment of research cell in order to encourage research activities
7. Appointment of part - time faculty to teaching posts lying vacant in the department
8. Automation and digitalization of library
9. Provision of Wi-Fi facility and smart classes
10. Increased usage of ICT tools in teaching learning process
11. Preparation of course plan at the beginning of every session

Methodologies of operations:

IQAC collects feedback from students in a specially designed format questionnaires annually. Feedback is collected on curricular aspects, teaching learning methods, faculty programs and institutional programs. Steps are taken to improve overall performance of the college by analyzing the feedback from the students. The Academic Council consisting of the principal, the vice principal and a senior faculty in a central body that plans monitors and reviews teaching learning and other activities of the institution. The suggestion/complain box are placed in every sections such as Science, Arts, commerce, Education and also in some important occasions to get the feedback of the students. Suggestions are considered while framing policies related to the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jgec.ac.in/

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

A. Any 4 or all of the above

international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://jgec.ac.in/
Upload e-copies of accreditations and certification	No File Uploaded
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. Separate girls hostel in the campus.
2. Girls representative are must in all the committee
3. Special committe is there to look after gender equity

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jgec.ac.in/public/uploads/1683889102_d2c49c08b8be71052573.pdf

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)	
<p>The institute is concerned enough for waste management system. A clean environment is always preferred to create positive and healthy atmosphere for the students. Alongside, solid and liquid wastes, if those can be processed properly can be transformed into fertilizers. To make this in effect, our college has initiated waste management in different regions of the campus as well as the in the hostels. Several waste pits are provided to process the waste in different hostels (Geotagged images attached). Regular cleaning and monitoring of wastes are done by concerned staffs. In hostels, the excess foods, vegetable skins and other non consumable parts of vegetables are stored in the specified pits, processed and supplied as fertilizers afterwards. In future, the students are to be involved actively in this mission to make them aware about the social responsibilities and understand technicalities behind this. E wastes like old computer parts being used to run other systems faithfully in some of the laboratories.</p>	
File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
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	<p>B. Any 3 of the above</p>
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	No File Uploaded
Any other relevant documents	No File Uploaded

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

D. Any 1 of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage 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	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
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 organized the following programs:

- The faculties and staffs of our college celebrate the cultural and regional festivals, like Bengali New-year's day, Teacher's day, orientation and farewell program, Induction program, tree plantation, Youth day, Women's day, Yoga day, festivals like Biswakarma puja etc.

- Motivational lectures of eminent persons from different fields of our society are conducted (under the induction program initiative) for all-round development of the students, to make them responsible citizens following the national values of social and communal harmony and national integration.
- Besides academic activities, several sports activities are organized by college sports committee. Students participate in outdoor games like football, cricket, volleyball, basketball etc and indoor games like chess, carom etc , to build up team spirit, leadership qualities and to remain physically active.
- A night school " Jyoti-A ray of hope" is run by the student with the mentorship of teachers.
- Vigyan Sarvatra Pujyate organized by Jalpaiguri Government Engineering College in which the students of schools and colleges participated. Faculty members of various school, colleges participated in the program.

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:

Student induction program with various activities and seminars are conducted in our college. The committee members and guest lecturers of different fields are continuously encouraging the students to understand the values, rights and other aspects of our constitution. A pdf file with list of such programs and office orders are enclosed herewith

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

**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**

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

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

Each and every year our college celebrates national events like independence day, Republic Day etc with full enthusiasm and active participation. On those auspicious days, faculties, staffs and students gather in front of administrative buildings in the morning. National flag hoisting, national anthem is sung, sweets distributed. Speech on the occasion is delivered by our principal sir. This year our institute celebrated Diamond Jubilee. One small museum was also inaugurated during diamond jubilee celebration. To commemorate 75th Year of Independence Jalpaiguri Government Engineering college organized Vigyan Sarvatra Pujyate sponsored by Vigyan Prasar.

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

- A. The life and struggles of the Dangapara & Patkata villages around the campus of JGEC presented situational challenges and opportunities to create among faculty and students of the college an empathy with these villagers:
1. Villagers are struggling for bread and butters
 2. Children are not getting academic environment
 3. Exploitation of school students by tuition providers
 4. The low rate of adult literacy
 5. Lack of guidance and counseling for the youth of the villages - career guidance as well as personal counseling
 6. Lack of access to clean drinking water and general unhygienic situations in the villages.

Success of JYOTI:

1. JYOTI classes were started on 22th March 2010 with a student strength of 80 and now it has reached around 150. Presently, the children of class 4 to class 10 are enrolled in JYOTI and the classes are held 4 times a week between 5.30 pm to 7.30 pm in college building itself with 5 rooms.
2. Apart from this, guidance for Polytechnic entrance is also provided. There is a Hindi section of JYOTI since neighboring tea garden students mostly study in Hindi-schools
3. one of the students of JYOTI cleared WBJEE and now became the student of JGEC.

B. Alumni Association of JGEC is also providing scholarship to the needy and poor students. This is the one of best practice JGEC is practicing.

<https://jgec.ac.in/public/uploads/1686559197>

File Description	Documents
Best practices in the Institutional website	https://jgec.ac.in/public/uploads/1686559197_291a320305afef94c6a4.docx
Any other relevant information	https://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 provider of globally competitive, high quality technical human resources. To promote and significantly contribute towards development of technologies and innovations appropriate to sustainable economic growth and enrichment of quality of life.

Our Mission

To Develop itself into an institute of world class reputation and advance knowledge and educate students in the areas of technology.

Core values

Eco friendly campus and sustainability: A Green Campus is a place where environmentally friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Jalpaiguri Govt. Engineering College is striving continuously for making its campus green and clean, by imposing sustainable and eco-friendly thinking into both academics and student activities. it stands against extravagance in utilization of its resources. Considering several eco-friendly issues, it has made couple of plans deliberately, for developing an altruistic academic ambience.

File Description	Documents
Appropriate link in the institutional website	https://jgec.ac.in/about
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

In upcoming academic year the following plans are proposed for the advancement of the institutions:

1. A campus will full LED and energy efficient utilities are proposed to be executed to participate in energy preservation movement.

2. Cultural and social activities on gender quality awareness program are proposed, which was postponed last year due to unavoidable lock down scenario.
3. Ramp and lift facilities for Divangyans in different major sections of the campus is planned to be executed.
4. Students will be actively involved in green energy movement through different type of renewable energy uses.
5. Energy audit, green audit which were not possible last year will be in force.
6. Several cultural activities will be conducted to empower the awareness on Indian constitutional system.