



INSTITUTIONAL ASSESSMENT AND ACCREDITATION (Effective from July 2017)

Accreditation - (Cycle -2)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
GEETHANJALI COLLEGE OF ENGINEERING AND
TECHNOLOGY
C-19593
Telangana
HYDERABAD
501301

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY HYDERABAD Telangana 501301
2.Year of Establishment	2005
3.Current Academic Activities at the Institution(Numbers):	
• Faculties/Schools:	2
• Departments/Centres:	8
• Programmes/Course offered:	12
• Permanent Faculty Members:	309
• Permanent Support Staff:	99
• Students:	4065
4.Three major features in the institutional Context (As perceived by the Peer Team):	1. Courses in Computer Sciences and engineering with Emerging Areas are offered. 2. More number of lady staff and faculty members are employed 3. Good faculty student ratio helps in making the class small size
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 16-09-2022 Visit Date To : 17-09-2022
6.Composition of Peer Team which undertook the on site visit:	
Chairman:	Ravindra D Kulkarni
Member Co - ordinator:	Biswajit Sahoo

Member:

Yaduvir Singh

NAAC Co - ordinator:

Dr. Vishnu Mahesh K R

Section II:CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the respective criterion(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QIM) in Criterion1)

<i>1.1</i>	<i>Curriculum Design and Development</i>
1.1.1 QIM	Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.
<i>1.2</i>	<i>Academic Flexibility</i>
<i>1.3</i>	<i>Curriculum Enrichment</i>
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum
<i>1.4</i>	<i>Feedback System</i>

Qualitative analysis of Criterion 1

Geethanjali being an autonomous HEI, has ensured a systematic procedure for the design, development, implementation and revision of its curricula as aligned to the institution's vision and mission. All departments with their respective vision and mission have established their corresponding Program Educational Objectives (PEOs), defined Program Specific Outcomes (PSOs) and use the Program Outcomes (POs) of NBA. Credits for the program based on AICTE.

Preparation of the curriculum and subsequent revisions, each BoS gathers inputs from all stakeholders, namely, industry, members of professional bodies, alumni, faculty and community. Curricula are approved by the Academic Council, with deliberations on their relevance. Courses are broadly classified into: Core: Basic/Engineering Sciences, Humanities, Social Sciences and Engineering.

Electives: Professional Electives, which enrich students with technological advancements, and Open Electives, which promote philosophy of liberal education. Value added courses: Design Thinking, Internship, projects/ seminars, entrepreneurship insights, value education, citizenship roles, catering to the local, regional and global needs. Multi-disciplinary choices are available for learners, under the Choice Based Credit System (CBCS).

Students are sensitized to Professional Ethics, through various activities organized under the students' clubs. A course on "Gender Sensitization" introduced in the curriculum is implemented through activity-based learning.

***Criterion2 - Teaching-learning and Evaluation
(Key Indicator and Qualitative Metrics(QIM) in Criterion2)***

<i>2.1</i>	<i>Student Enrollment and Profile</i>
<i>2.2</i>	<i>Catering to Student Diversity</i>
<i>2.2.1 QIM</i>	<i>The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners</i>
<i>2.3</i>	<i>Teaching- Learning Process</i>

2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.2 QIM	Teachers use ICT enabled tools including online resources for effective teaching and learning process.
2.3.4 QIM	Preparation and adherence of Academic Calendar and Teaching plans by the institution
2.4	<i>Teacher Profile and Quality</i>
2.5	<i>Evaluation Process and Reforms</i>
2.5.3 QIM	IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution
2.6	<i>Student Performance and Learning Outcomes</i>
2.6.1 QIM	Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.
2.6.2 QIM	Attainment of programme outcomes and course outcomes are evaluated by the institution.
2.7	<i>Student Satisfaction Survey</i>

Qualitative analysis of Criterion 2

Geethanjali understands the slow learners, and gives more attention compared to other learners. Keeping these in view, faculty monitor students' performance during regular class activities, lab work, tutorials, assignments, mentoring, midterm and results of semester end examinations.

Course Coordinator monitors the progress of the course from time to time during each semester and communicates the same to the programme coordinator, who advises other teachers teaching the same course appropriately.

Panel of examiners for preparation of question papers and evaluation of the answer scripts, chosen from various autonomous colleges and universities of repute, duly approved by the Board of studies of the concerned department.

Students are given additional training on value added courses ranging from advanced to highly advanced programming skills, Business English Certificate, additional training to participate in Hackathons, project exhibitions. All learners are given training on "Logical Reasoning, improving Vocabulary, Verbal Reasoning, and Quantitative aptitude, situational writing etc". Faculty members are using ICT-enabled tools for classroom teaching-learning practices. Students and Faculty have unlimited access to the institutional Wi-Fi network and digital library, for better ICT-enabled teaching-learning.

Geethanjali plans and executes all academic, co-curricular and extra-curricular activities through an academic calendar. Geethanjali has adopted an EMS facilitated through IT integration to reform the examination procedures and processes. Geethanjali has adequate measures to communicate the COs, both to the teachers and students well in time ahead of the beginning of the Course work.

The faculty members are encouraged to register for Ph.D/pursuing research, incentives for publications in journals and attending/organizing conferences.

Faculty pursuing PhD are given a day off in a week to expedite their research work.

***Criterion3 - Research, Innovations and Extension
(Key Indicator and Qualitative Metrics(QIM) in Criterion3)***

3.1	<i>Promotion of Research and Facilities</i>
3.1.1 QIM	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
3.2	<i>Resource Mobilization for Research</i>
3.3	<i>Innovation Ecosystem</i>
3.3.1 QIM	Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.
3.4	<i>Research Publications and Awards</i>
3.5	<i>Consultancy</i>
3.6	<i>Extension Activities</i>
3.6.1 QIM	Extension activities are carried out in the neighbourhood community,-sensitising students to social issues, for their holistic development, and impact thereof during the last five years
3.7	<i>Collaboration</i>

Qualitative analysis of Criterion 3

Geethanjali College has constituted a research and ethics committee to monitor the quality of research as well as the research proposals submitted for funding. It also provides the incentives for research publications and Patenting. The institution has structured each department into four/five groups, as per specializations to convert them into research centres. Ansys, Siemens NX- CAD, AUTOCAD, STADDPRO, SOFTX, MATLAB, Cadence, Keil, MASM software, Metal Matrix Composites/ Micro image capture and analysis, PCB fabrication lab are made available for the use of students as well as faculty for both, research and project-related work. However, the PG Programmes and Ph D Centre, which are real base for research work, need to be promoted and strengthened. Similarly non-Ph D senior faculty who have not yet registered for PhD need to register for Ph D.

Institution has developed an Ecosystem for innovation, creation and transfer of knowledge through its incubation Centre, and R&D cell. In addition, Design thinking and Entrepreneurship courses are offered to the students by the faculty, industry experts, entrepreneurs, and community. Students and faculty are given necessary financial support on need basis, for developing creative and innovative projects and for patenting the same. Four start-ups are registered and incorporated with the Ministry of Corporate Affairs, GoI, in line with National Innovation and Start-up policy. However, the consultancy services are less in magnitude and need to be strengthened. Industry collaborations are required to be enhanced to strengthen innovation/entrepreneurship activities.

The Institution promotes regular engagement of faculty, students and staff with the neighbourhood community through various activities. Various awareness programs, workshops, rallies and road shows with themes, such as, cleanliness, green environment and tree plantation, gender sensitization, traffic rules awareness, and empowerment of girls and women are organized. However, the girls need to be given due training for self defence. Blood Donation and Oral Health camps, Mega health camp, Covid Vaccination camps for students, staff and faculty are organised promoting empathy oriented compassion among students.

***Criterion4 - Infrastructure and Learning Resources
(Key Indicator and Qualitative Metrics(QIM) in Criterion4)***

4.1	<i>Physical Facilities</i>
4.1.1 QIM	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.
4.1.2 QIM	The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)
4.2	<i>Library as a Learning Resource</i>
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.3	<i>IT Infrastructure</i>
4.3.1 QIM	<i>Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities</i>
4.4	<i>Maintenance of Campus Infrastructure</i>
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Qualitative analysis of Criterion 4

The Institution has a campus of about 13.5 acres, providing a good academic ambience with a built-up area of about 35,920 Sqm. Out of this, area added for instructional and research facilities during the assessment period is about 3,500 Sqm. During the assessment period, additional class rooms and laboratories as well as one workshop and a computer centre are added. The class rooms are equipped with LCD projectors. The college provides special facilities for differently-abled persons, viz., Lifts, Ramp/ Rails, and wheel chairs. College also has installed a Solar power plant with a capacity of 250kw which is connected to the grid. The campus is equipped with student support facilities, such as Canteen, Restrooms, Potable water, play grounds and Health centre.

The college has six blocks for instructional purposes and associated co-curricular, extracurricular, sports and cultural activities. Yoga sessions are conducted on the lawns of the Open Auditorium and Seminar Halls. Institution allocates one/two-hour time slots in Timetable encouraging students participation in sports.

Central library is in an independent building spread over two floors. The library is fully automated with an LMS. Digital library facilitates accession of e- resources, on site and remotely. Departments also maintain libraries. The Library has an Electronic Resource Centre (ERC) which provides access to vast stores of electronic information of IEEE, DELNET and other Internet-based service to its readers.

The college has an IT policy encompassing all IT/IT enabled services used in the campus, ensuring smooth functioning with adequate security to all users connected to the campus network. 1000 Mbps bandwidth is provided. Campus is Wi-Fi enabled, with CC TV cameras, anti-virus software and firewalls. All students and faculty are given email accounts with college domain name through GSuite. The college has a central computing facility located in the library building, which is also used for browsing and accessing electronic content of learning resources.

The Maintenance Cell of the college ensures proper functioning of all civil, electrical, water, sewage, environment, and other facilities through frequent inspections and need-based maintenance works. Adequate provision in the budget has been made for annual maintenance and replenishment of physical facilities including laboratory equipment. The institution has established a separate maintenance cell, responsible for the maintenance works of computers, hardware and software installations/up-gradations, wi-fi and internet maintenance.

***Criterion5 - Student Support and Progression
(Key Indicator and Qualitative Metrics(QIM) in Criterion5)***

<i>5.1</i>	<i>Student Support</i>
<i>5.2</i>	<i>Student Progression</i>
<i>5.3</i>	<i>Student Participation and Activities</i>

5.3.2 QIM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution
5.4	<i>Alumni Engagement</i>
5.4.1 QIM	The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Qualitative analysis of Criterion 5

Geethanjali College of Engineering and Technology has an active Student Council. College provides satisfactory representation of the students on academic & administrative bodies / committees of the institution; however, clubs need to be more active. The college has student bodies / chapters like Computer Society of India (CSI), Institute of Electrical and Electronic Engineers (IEEE), Institute of Electronics and Telecommunication Engineering (IETE), Indian Society for Technical Education (ISTE), Society for Automotive Engineering (SAE) etc. Student Council assists in organizing NSS activities of the college. There is an Entrepreneurship Development Cell also. Students are encouraged to participate in curricular and co-curricular activities which are organized across India. All the required support is provided by the institute.

Alumni Association is registered, and also, functional. Alumni are members of Boards of Studies, however, their active participation is required in the design of programme curriculum and the course contents, as per the needs of market. No financial support from Alumni could be found, however, they give advice on the establishment of laboratories. Alumni members should be encouraged to have more frequent interactions with the students. Alumni promote the college at various fora.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)

6.1	<i>Institutional Vision and Leadership</i>
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6.1.1 QIM	The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution
6.1.2 QIM	The effective leadership is reflected in various institutional practices such as decentralization and participative management.
6.2	<i>Strategy Development and Deployment</i>
6.2.1 QIM	The institutional Strategic / Perspective plan is effectively deployed
6.2.2 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.
6.3	<i>Faculty Empowerment Strategies</i>
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression
6.4	<i>Financial Management and Resource Mobilization</i>
6.4.1 QIM	Institution conducts internal and external financial audits regularly
6.4.3 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	<i>Internal Quality Assurance System</i>
6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

6.5.2
QIM

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

(For first cycle - Incremental improvements made for the preceding five years with regard to quality

For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Qualitative analysis of Criterion 6

The governance of the college is reflective of an effective leadership in tune with the vision and mission of the Institution. College gathers data on the policies and practices of planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership and governance in institution building. The vision and mission of institution are well defined. The leadership provides clear vision and mission to the institution. The functions of the institution and its academic and administrative units are governed by good leaders.

The effective leadership is reflected in various institutional practices such as decentralization and participative management. HoDs have been given administrative powers, and some financial power.

College has prepared a well- thought out Strategic Plan Document, and compliance is being made. However, its effectiveness needs to be assessed and analysed periodically.

The functioning of college bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.. The process of planning human resources including recruitment, performance appraisal and planning professional development programmes and seeking appropriate feedback, analysis of responses and ensure that they form the basis for planning. Efforts are made to upgrade the professional competence of the staff.

College adopts welfare measures for teaching and non-teaching staff, however, there is a need for more efforts for providing more and better avenues for career development / progression.

College conducts external financial audits.

College adopts various strategies for the mobilisation of funds and the optimal utilisation of resources. The income and expenditure of the institution are subjected to regular checks and balances, and internal and external audit.

Internal Quality Assurance Cell (IQAC) of the college contributes towards the incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives, however, IQAC needs to understand its role in a more better way than what is existing as on present, and should have more involvement.

IQAC is self-regulated responsibility, which is aimed at continuous improvement of quality and achieving academic excellence. College has in-place mechanisms for academic auditing. The institution adopts quality management strategies in academic and administrative aspects, as evident. Eligible departments are NBA accredited. College reviews its teaching learning process, structures & methodologies of operations and learning outcomes. IQAC records the incremental improvement in various activities, as made for the preceding five years with regard to quality and post accreditation quality initiatives.

***Criterion7 - Institutional Values and Best Practices
(Key Indicator and Qualitative Metrics(QIM) in Criterion7)***

7.1	<i>Institutional Values and Social Responsibilities</i>
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the last five years.
7.1.3 QIM	Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words) <ul style="list-style-type: none">• Solid waste management• Liquid waste management• Biomedical waste management• E-waste management• Waste recycling system• Hazardous chemicals and radioactive waste management

7.1.8 QIM	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).
7.1.9 QIM	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).
7.1.11 QIM	Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).
7.2	<i>Best Practices</i>
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	<i>Institutional Distinctiveness</i>
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7

Geethanjali College of Engineering and Technology entails gender equity among the students and staff. It shows the gender sensitivity through counselling, waiting halls, reserved seats in buses to the girl students and staff to facilitate.

College has Solid Waste Management System, Liquid Waste Management System, e-Waste Management System and Waste Recycling System. College is in practice of energy saving by using LEDs. College is making efforts to make eco-friendly campus by reducing different types of wastes in the campus besides initiating green practices like paperless office and plastic free campus.

College has various clubs like Fine Arts Club, Photography Club and the Environment Club. The NSS Unit of the college undertakes various outreach activities and community programmes. College through various events, attempts to create an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

College sensitises its students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens. It organises blood donation camps, free vaccination camps and motivational / inspirational lectures.

Institution celebrates / organizes various national and international commemorative days, events and festivals. Human values and ethics are being promoted among the students by organizing awareness programs.

College has mentioned two best practices viz. small class-size and decentralisation, which are in place. However, there is a need to involve the society, so that best practises are not only confined within the walls of the college.

Good placements is the distinctiveness of the college. However, there is a need to focus more on the other programmes like EEE, ECE and ME for the placement of their students. College is conducting training of its students to meet the needs of the industry.

Section III:OVERALL ANALYSIS (based on Institutional strengths.Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words))

Overall Analysis

1. A progressive and forward-looking Management.
2. HR Policies with motivational initiatives for faculty, staff and students
3. Student-centric Teaching-Learning process and Student clubs for promotion of creativity and innovation.
4. Good Campus Placements

Section IV:Recommendations for Quality Enhancement of the Institution

(Please limit to ten major ones and use telegraphic language)
(It is not necessary to indicate all the ten bullets)

- On campus Hostel facilities for girls and boys students are essential and must be planned and executed.
- PG Programme corresponding to current UG programmes and Ph D research centers in emerging areas are required to be promoted to build vibrant research culture.
- The College should promote more number of faculty to pursue Ph D research and consultancy.
- Computer Sciences and Engineering faculty and students should be involved and promoted in software/ecosystem development essential for digitization of Administration, Examination and Finance.
- Senior Industry Resource Personnel should be invited to deliver lecture and imbibe on students the current industrial practices and corporate policies.
- College Autonomy to be implemented as per 2018 UGC guidelines.
- The Institution should undertake the implementation of National Education Policy.
- The College IQAC needs to be strengthened in line with UGC and NAAC guidelines.
- The college should develop the eco-system to support students for career progression in different fields.
- The College should develop active career counselling system including psychological counselling.

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution
Seal of the Institution

Signature of the Peer Team Members:

Sl.No	Name	Signature with date

1	Ravindra D Kulkarni	Chairperson	
2	Biswajit Sahoo	Member Co-ordinator	
3	Yaduvir Singh	Member	
4	Dr. Vishnu Mahesh K R	NAAC Co-ordinator	

Place: Date

NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 2)

**GEETHANJALI COLLEGE OF ENGINEERING AND
TECHNOLOGY, HYDERABAD, Telangana**

Track ID : TSCOGN23593

AISHE-ID : C-19593

**Graphical Representation based on Quantitative
& Qualitative Metrics**



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

**Graphical Representation based on Quantitative &
Qualitative Metrics**

Metrics(Q_nM & Q_iM) Weightage scored by the institution in percentage

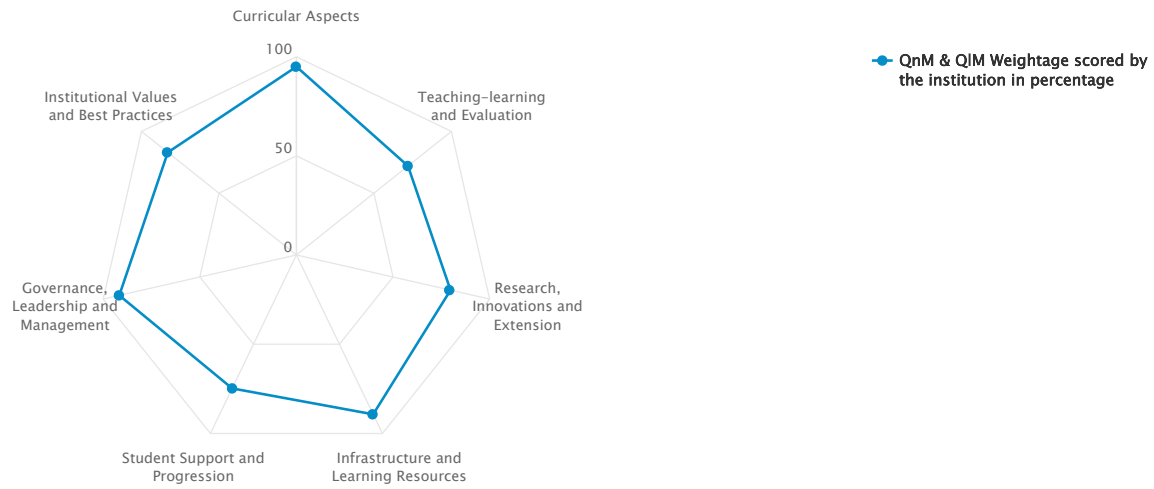
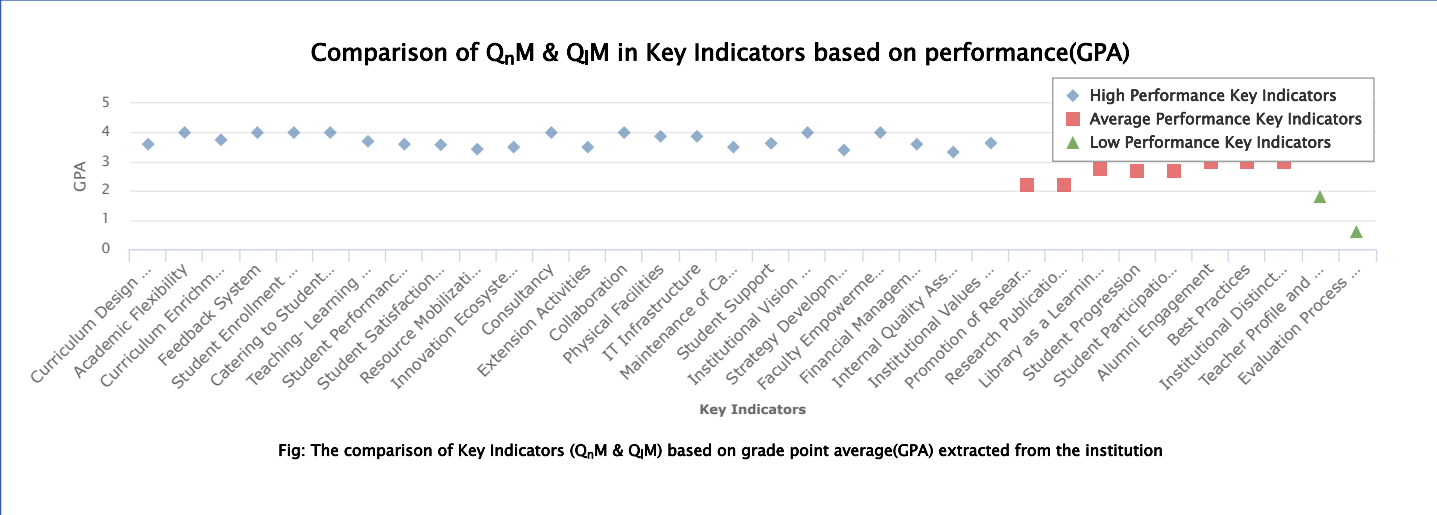


Fig: The criterion wise distribution of weighted scores (Q_nM & Q_iM) for the institution



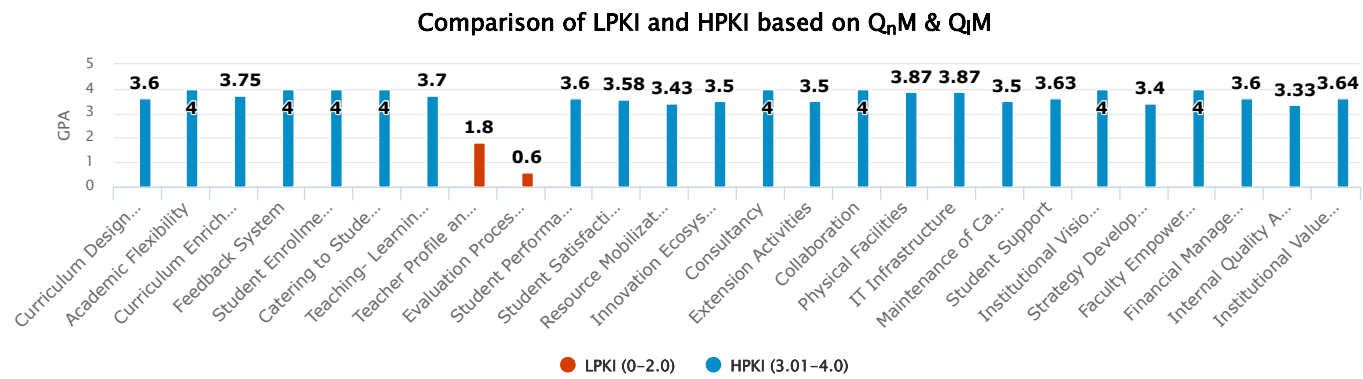


Fig: Comparison of LPKI(0-2.0) and HPKI(3.01-4.0) based on Q_nM & Q_iM

Distribution of High Performance Key Indicators (3.01–4.0)

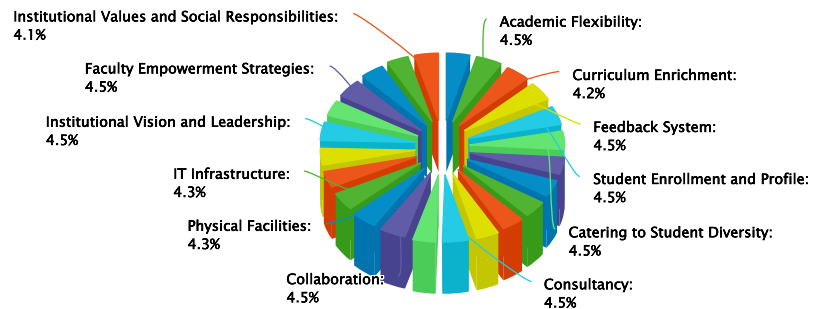


Fig: High Performance Key Indicators(3.01–4.0) for the institution

Distribution of Average Performance Key Indicators (2.01–3.0)

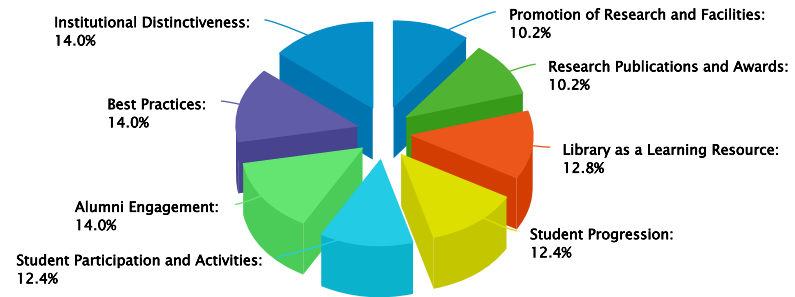


Fig: Average Performance Key Indicators(2.01–3.0) for the institution

Distribution of Low Performance Key Indicators (0–2.0)

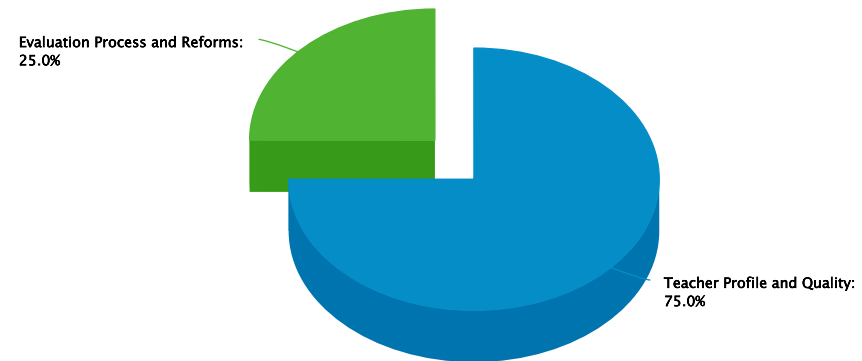


Fig: Low Performance Key Indicators(0–2.0) for the institution

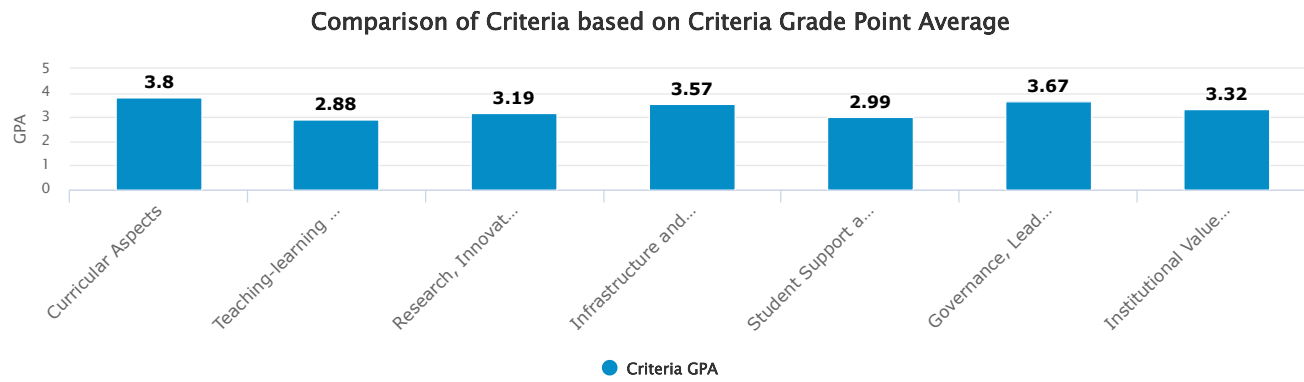


Fig: Comparison of Criteria based on Criteria Grade Point Average

Performance of metrics in Curricular Aspects, Teaching-learning and Evaluation

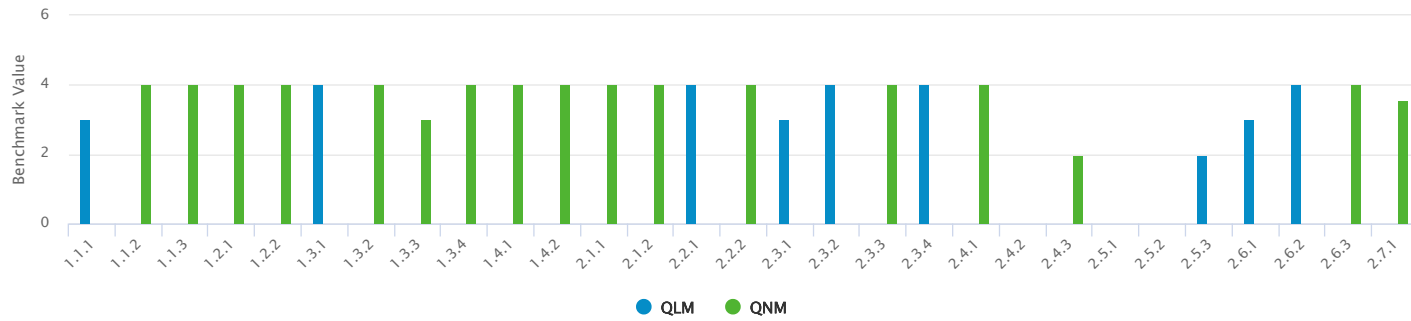


Fig: Performance of metrics in Criteria I & II

Performance of metrics in Research, Innovations and Extension, Infrastructure and Learning Resources

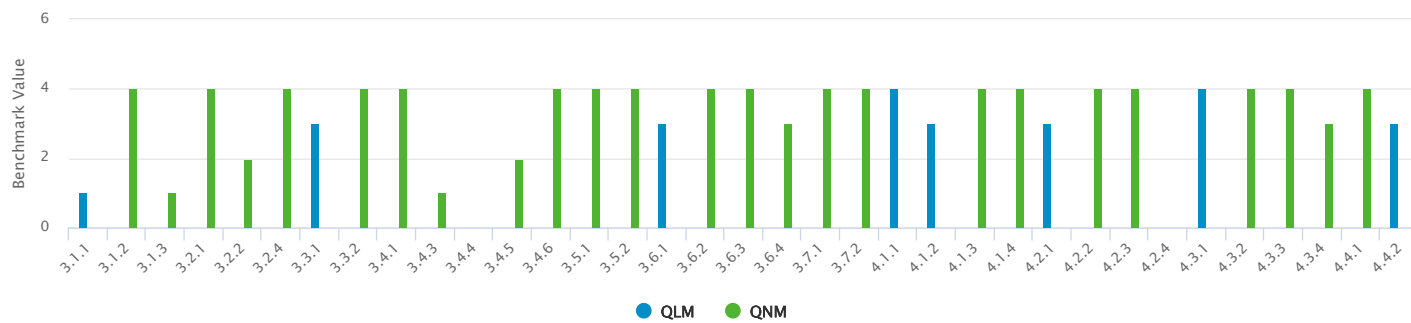


Fig: Performance of metrics in Criteria III & IV

Performance of metrics in Student Support and Progression, Governance, Leadership and Management, Institutional Values and Best Practices

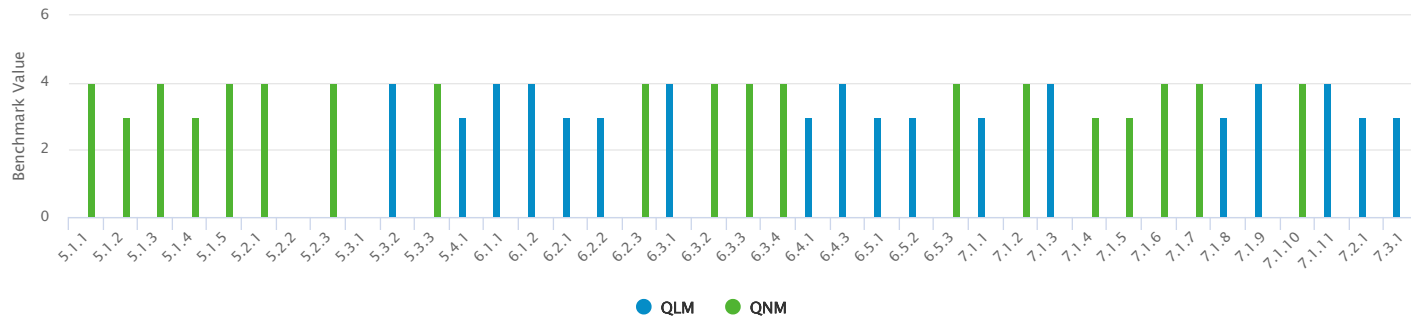


Fig: Performance of metrics in Criteria V, VI, VII

Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_iM (Criteria I,II and III)

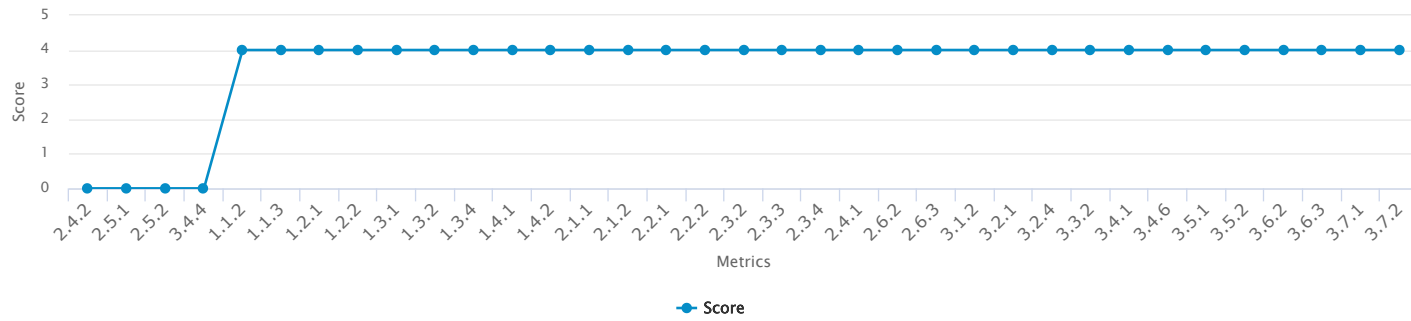


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Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_iM (Criteria IV,V,VI and VII)

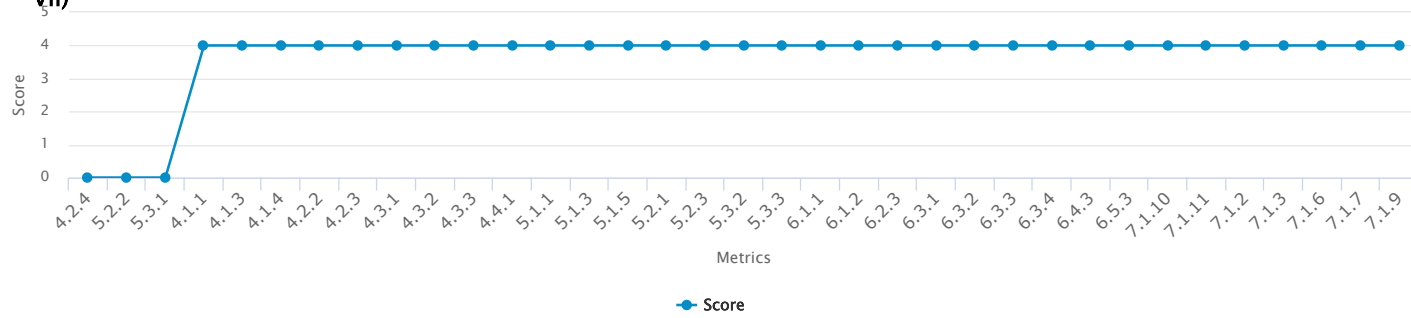


Fig: Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_iM (Criteria IV,V,VI and VII)

Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_iM (Criteria I,II and III)

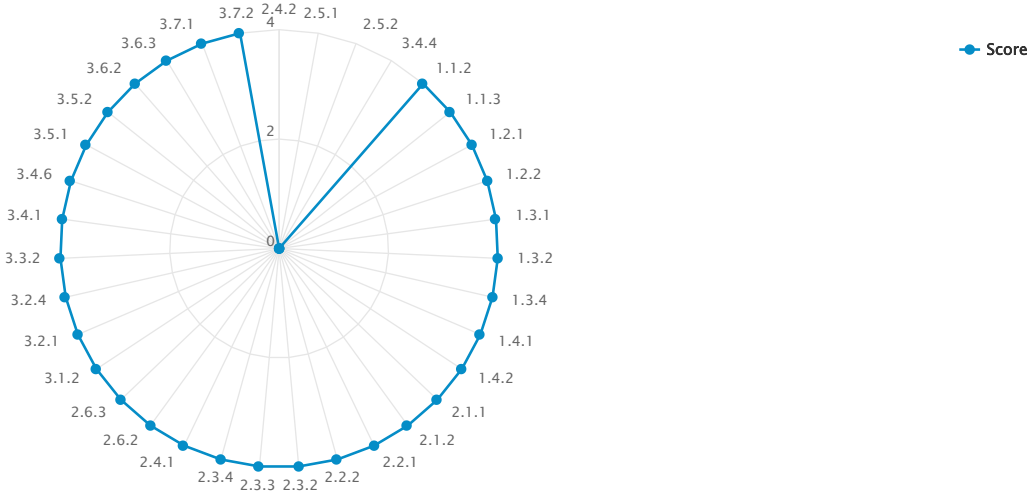


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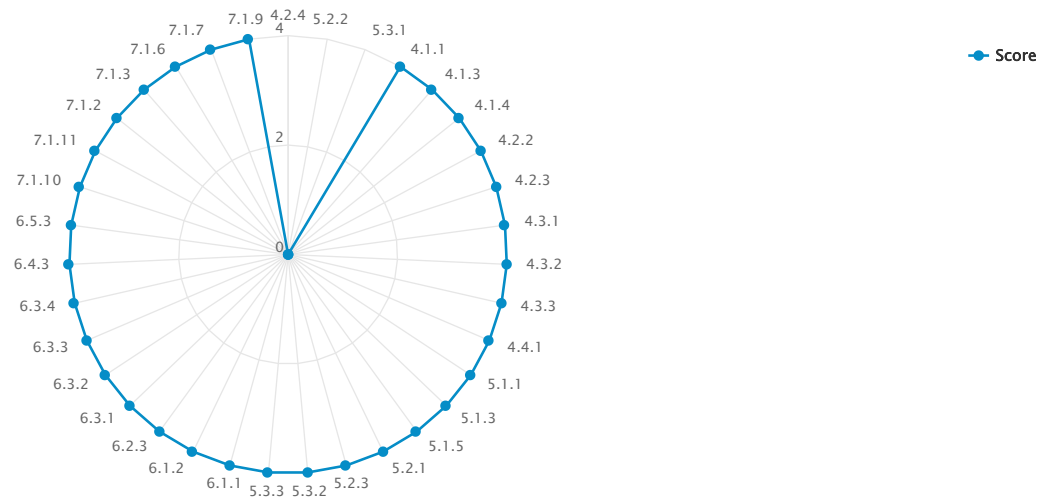


Fig: Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_iM (Criteria IV,V,VI and VII)

NAAC

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Track ID : TSCOGN23593

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Visit dates : 16 - 09 - 2022 to 17 - 09 - 2022

Grade Sheet



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Name of the Institution: GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Type of the Institution: Autonomous colleges

Dates of Visit: 16 - 09 - 2022 to 17 - 09 - 2022

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point (CrWGP _i)	Criterion-wise Grade Point Averages (CrWGP _i / W_i)
1	Curricular Aspects	150	570	3.8
2	Teaching-learning and Evaluation	300	864	2.88
3	Research, Innovations and Extension	142	453	3.19
4	Infrastructure and Learning Resources	100	357	3.57
5	Student Support and Progression	95	284	2.99
6	Governance, Leadership and Management	90	330	3.67
7	Institutional Values and Best Practices	100	332	3.32
Total		$\sum_{i=1}^7 (W_i) = 977$	$\sum_{i=1}^7 (CrWGP_i) = 3190$	3.27

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (CrWGP_i)}{\sum_{i=1}^7 (W_i)} = \frac{3190}{977} = 3.27$$

Grade: A+

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points ($(KIWGP)_i$)
Criterion 1: Curricular Aspects			
1.1	Curriculum Design and Development	50	180
1.2	Academic Flexibility	40	160
1.3	Curriculum Enrichment	40	150
1.4	Feedback System	20	80
Total		$\sum W_1=150$	$\sum (KIWGP)_1 =570$
Calculated CrGPA₁ = $\sum (KIWGP)_1 / \sum W_1 = 570 / 150 = 3.8$			
Criterion 2: Teaching-learning and Evaluation			
2.1	Student Enrollment and Profile	20	80
2.2	Catering to Student Diversity	30	120
2.3	Teaching- Learning Process	50	185
2.4	Teacher Profile and Quality	50	90
2.5	Evaluation Process and Reforms	50	30
2.6	Student Performance and Learning Outcomes	50	180
2.7	Student Satisfaction Survey	50	179
Total		$\sum W_2=300$	$\sum (KIWGP)_2 =864$
Calculated CrGPA₂ = $\sum (KIWGP)_2 / \sum W_2 = 864 / 300 = 2.88$			
Criterion 3: Research, Innovations and Extension			
3.1	Promotion of Research and Facilities	20	44
3.2	Resource Mobilization for Research	7	24
3.3	Innovation Ecosystem	10	35
3.4	Research Publications and Awards	25	55
3.5	Consultancy	10	40
3.6	Extension Activities	50	175
3.7	Collaboration	20	80
Total		$\sum W_3=142$	$\sum (KIWGP)_3 =453$
Calculated CrGPA₃ = $\sum (KIWGP)_3 / \sum W_3 = 453 / 142 = 3.19$			
Criterion 4: Infrastructure and Learning Resources			
4.1	Physical Facilities	30	116
4.2	Library as a Learning Resource	20	55
4.3	IT Infrastructure	30	116

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points ($(KIWGP)_i$)
4.4	Maintenance of Campus Infrastructure	20	70
Total		$\sum W_4=100$	$\sum (KIWGP)_4 =357$
Calculated CrGPA₄ = $\sum (KIWGP)_4 / \sum W_4 = 357 / 100 = 3.57$			
Criterion 5: Student Support and Progression			
5.1	Student Support	30	109
5.2	Student Progression	30	80
5.3	Student Participation and Activities	30	80
5.4	Alumni Engagement	5	15
Total		$\sum W_5=95$	$\sum (KIWGP)_5 =284$
Calculated CrGPA₅ = $\sum (KIWGP)_5 / \sum W_5 = 284 / 95 = 2.99$			
Criterion 6: Governance, Leadership and Management			
6.1	Institutional Vision and Leadership	10	40
6.2	Strategy Development and Deployment	10	34
6.3	Faculty Empowerment Strategies	30	120
6.4	Financial Management and Resource Mobilization	10	36
6.5	Internal Quality Assurance System	30	100
Total		$\sum W_6=90$	$\sum (KIWGP)_6 =330$
Calculated CrGPA₆ = $\sum (KIWGP)_6 / \sum W_6 = 330 / 90 = 3.67$			
Criterion 7: Institutional Values and Best Practices			
7.1	Institutional Values and Social Responsibilities	50	182
7.2	Best Practices	30	90
7.3	Institutional Distinctiveness	20	60
Total		$\sum W_7=100$	$\sum (KIWGP)_7 =332$
Calculated CrGPA₇ = $\sum (KIWGP)_7 / \sum W_7 = 332 / 100 = 3.32$			
Grand Total		977	3190

$$\text{Institutional CGPA} = \sum_{i=1}^7 (CrWGP_i) / \sum_{i=1}^7 (W_i) = 3190 / 977 = 3.27$$

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