



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | |
|---|--|
| 1. Name of the Institution | DR. SAU. KAMALTAI GAWAI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DARAPUR |
| Name of the head of the Institution | Dr. Nilesh S. Ghotkar |
| Designation | Principal |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 07224205100 |
| Mobile no. | 7720032434 |
| Registered Email | principal.kgiet@gmail.com |
| Alternate Email | principal@kgiet.ac.in |
| Address | KG IET, Darapur. Tq:- Daryapur Dist - Amravati Pin-444814 |
| City/Town | Amravati |
| State/UT | Maharashtra |
| Pincode | 444814 |

| 2. Institutional Status | |
|--|------------------------------------|
| Affiliated / Constituent | Affiliated |
| Type of Institution | Co-education |
| Location | Rural |
| Financial Status | Self financed |
| Name of the IQAC co-ordinator/Director | Prof. Dushyant B. Pawar |
| Phone no/Alternate Phone no. | 07224205100 |
| Mobile no. | 8830936273 |
| Registered Email | iqac@kgiet.ac.in |
| Alternate Email | dushyantpawar77@kgiet.ac.in |

| 3. Website Address | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | http://www.kgiet.ac.in/?page_id=1588&preview=true |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes, whether it is uploaded in the institutional website: Weblink : | https://www.kgiet.ac.in/?page_id=1605 |

| 5. Accrediation Details | | | | | |
|--------------------------------|----------|-------------|----------------------|--------------------|--------------------|
| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
| | | | | Period From | Period To |
| 1 | B | 2.17 | 2017 | 30-Oct-2017 | 29-Oct-2022 |

| | |
|---|--------------------|
| 6. Date of Establishment of IQAC | 01-Jul-2016 |
|---|--------------------|

| 7. Internal Quality Assurance System |
|---|
|---|

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|---------------------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC | Date & Duration | Number of participants/ beneficiaries |
| Academic Administrative Audit (AAA) conducted | 21-Sep-2019 01 | 60 |

| | | |
|--|-------------------|----|
| One Day Workshop for Students on Honey Bee Keeping | 30-Nov-2019 01 | 65 |
| Collection of Student Feedback | 14-Dec-2019 01 | 50 |
| Collection of Student Feedback | 20-Jun-2020 01 | 55 |
| IQAC Meeting | 25-Jul-2020 01 | 40 |
| View File | | |

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

| Institution/Department/Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|--------------------------------|------------------------------|------------------|-----------------------------|----------|
| Institute | State Government Scholarship | State Government | 2020 01 | 18051934 |
| No Files Uploaded !!! | | | | |

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. AQAR (20182019) have been submitted within stipulated time to NAAC 2. Academic Audit has been done following university guideline in their prescribed format 3. Participated to NIRF and All India Survey on Higher Education (AISHE)

[View File](#)

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

| Plan of Action | Achievements/Outcomes |
|--|--|
| 1) Computerization of the resolutions of the meeting between Administration and Principal. | 1) Different committees have been formed for smooth functioning of the Institution. 2) AQAR of the year 2018-19 has been put up in front of governing body. |
| 2) Computerization of the AQAR. | 1) AQAR of the year 2018-19 has been sent by mail. 2) Online admission process started for AQAR 2018-19 |
| 3) Audit to monitor and ensure the quality of student's activities, Department activities and staff members for periodic assessment for timely, efficient and progressive performance of academic tasks. | 1) Prize distribution ceremony for achievements of the students. 2) To increase the result of institute, necessary guidelines discussed by Principal with all heads of Departments. 3) AISHE Data was submitted on 26.01.2020. |
| 4) Strengthened the digitization. | 1) Web Base Online feedback system established in institutional web site. |
| View File | |

14. Whether AQAR was placed before statutory body ?

Yes

| Name of Statutory Body | Meeting Date |
|--------------------------|--------------|
| Governing Body Committee | 07-Dec-2020 |

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

21-Sep-2017

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

26-Jan-2020

17. Does the Institution have Management Information System ?

No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

1) The institution follows the curriculum prescribed by affiliating university, Sant Gadge Baba Amravati University (SGBAU). The semester planning is done in advance, at the end of previous term through the departmental meeting by floating the curriculum to the faculty. The choice of 3 to 5 subjects is taken from every faculty. The subject allocation is done on the basis of the priority of the faculty from the choice given, area of specialization, qualification, number of times the subject taught and experience. The students are also informed in advance about curriculum and academic calendar. 2) Accordingly departments allocate the faculty for teaching the electives. Regular feedback is taken by the Head of Department for all the subjects at regular intervals in online mode and suggestions for corrections, if any will be informed to the faculty. The academic calendar is prepared by Academic Monitoring Committee (AMC) on the basis of academic calendar circulated by SGBAU. Class tests, mock online tests, STP activities and remedial lectures are also included in academic calendar. The individual faculty and class time tables are prepared by the department time table coordinator with the approval of HOD and Principal. 3) department academic calendar. Every faculty prepares a detailed course file which includes teaching plan, class notes, question banks, previous question papers of SGBAU, study material beyond curriculum, PPTs. The academic calendar of the institute is strictly followed by every faculty. The Academic Monitoring Committee (AMC) which work and act as IQAC committee of the institute monitors regularity in the conduction of lectures, progressive syllabus coverage, students' academic progress and their grievances. The feedback of the committee is conveyed to HOD for corrective measures. In the process of monitoring the attendance of the student, faculty maintains a daily attendance sheet of theory/practical in hard copy. Weekly attendance is collected by the Guardian Teachers (Mentor) of the respective batch. 4) Regular absent students are identified by the mentors and the same is informed to the parents through telephonic conversation, email, SMS alert or if required by post. The academic progress of student is also monitored by Class In-charge by keeping a record of class tests, mock online tests, Semester University examinations, performance in practical and conveyed to all the students as well as their parents. The corrective measures such as remedial lectures, giving assignments of theory and practical, personal counselling are taken for academically weak students. The planning for student project and seminar work is done at the beginning of every semester where the students as per their specific areas of core subject interest are allocated to guides who are specialized in those areas. In addition to in-house projects, students are also encouraged to take up projects in collaboration with industries. Furthermore, if there are on-going research projects sanctioned by various organizations, the students are encouraged to pursue research as part of their projects.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|-------------|-----------------|-----------------------|----------|--|-------------------|
|-------------|-----------------|-----------------------|----------|--|-------------------|

No Data Entered/Not Applicable !!!

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|------------------|--------------------------|-----------------------|
|------------------|--------------------------|-----------------------|

No Data Entered/Not Applicable !!!

No file uploaded.

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|------------------------------------|--------------------------|---|
| No Data Entered/Not Applicable !!! | | |

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 0 | 0 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|------------------------------------|----------------------|-----------------------------|
| No Data Entered/Not Applicable !!! | | |
| No file uploaded. | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|------------------------------------|--------------------------|---|
| No Data Entered/Not Applicable !!! | | |
| No file uploaded. | | |

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained |
|---|
| <p>Student feedback of every faculty is taken in the mid of every semester. The department head assesses the feedback and conveys it to respective faculty for corrective measures if any. The academic monitoring committee of the department counsels the faculty concerned and reports the action taken to Principal. The feedback outcomes are utilized for inculcating excellence in the way of working. The analysis of feedback is discussed with Industry, Alumni, and Exit Students who give inputs to bridge the gap as per the industry expectations. The quality of the programme is enhanced by organizing and conducting various Value Added Programmes, Student Training Programmes, and Guest Lectures from resource person from industry and academics. The Institute takes care of such category of students through the following ways 1) Economically weak students are taken care through Relaxation in fee payment through installments, Concession in fees by management The concession in fees by various agencies such as AICTE, State Government etc. are given. These schemes are Scholarship/Freeship, SC/ST, OBC, NT, VJ, EBC, SBC, Tuition Fee Waiver Scheme (TFWS), Minority State Govt., and Minority State Central Govt. 2) Slow learner</p> |

and academically weak students : a) Additional classes b) Counselling through Guardian Teacher (Mentor) c) Practical extra practices d) Provision of learning material e.g. videos, PPT, animations, etc. 3) Analysis of the performance of the students to be done based on a) Attendance, Test Results b) Continuous Evaluation throughout semester

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|---------------------------------|---------------------------|--------------------------------|-------------------|
| BE | Mechanical Engineering | 60 | 12 | 12 |
| BE | Civil Engineering | 60 | 15 | 15 |
| BE | Electrical Engineering | 60 | 11 | 11 |
| BE | Electronics & Telecommunication | 30 | 0 | 0 |
| BE | Computer Science & Engineering | 30 | 23 | 23 |
| ME | CAD/CAM | 18 | 4 | 4 |
| ME | Electrical Power System | 24 | 4 | 4 |
| ME | Computer Science & Engineering | 24 | 3 | 3 |

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 492 | 15 | 43 | 3 | 11 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 63 | 18 | 1 | 6 | 2 | 2 |

[View File of ICT Tools and resources](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Teaching faculty in general provide constant support and guidance in day to day activities. The class/ward counsellors periodically counsel their class students individually to install confidence in them. The class counsellors convey the difficulties of their ward students to the head of the department for taking remedial measures. Parents, if needed, are also involved in the counselling process when a student does not show interest in studies. If a student does not show any improvement even after repeated counselling by the ward counsellor, then counselling and motivation is given by the head of the department and the head of the institution along with the class counsellor. If needed, emotional counselling is also provided through professional counsellors. Additional remedial coaching is given after the regular working hours and during holidays. Rarely, the behavior of some students deviates from the normal behavior due to their personal or psychosocial reasons. For such students, emotional counselling is provided through professional counsellors. Special scholarship/free ship is also provided for the deserving students. Students are grouped comprising of advanced learners, average learners and slow learners. They are facilitated to learn through discussions. Such a group study helps the slow learners to a great extent. Extensive use of NPTEL and other open source course materials available in the web. Case studies are given to the students for better application and analysis of the concepts.

| | | |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
| 492 | 63 | 1:8 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| | | | | |
|---|-------------------------|------------------|--|--------------------------|
| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
| No Data Entered/Not Applicable !!! | | | | |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| | | | |
|---|---|-------------|--|
| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
| No Data Entered/Not Applicable !!! | | | |
| No file uploaded. | | | |

2.5 – Evaluation Process and Reforms

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

| | | | | |
|-------------------|----------------|----------------|--|---|
| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
| BE | Nill | Nill | Nill | Nill |
| No file uploaded. | | | | |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Time schedule for each course is allotted by framing time table. ? All test schedules are prepared and communicated to the students. ? Faculty is required to maintain a "Course File" which consists of attendance marked for each lecture/ practical/project work periods, lesson plan, teaching plan, summary of syllabus coverage, the portions covered during each period, internal assessment marks and class test marks are periodically monitored by the Principal and Head

of the Department. ? Record of Attendance of the students and internal assessment test marks are maintained by class in- charge and cumulative week wise and month wise record is maintained by Head of Department. ? Attendance and the performance in internal assessment tests are intimated to parents through letters. ? Remedial classes are conducted to the students who feel difficulty in learning. Separate log books are maintained and the classes are supervised by the Head of the Department and the Principal. ? Contact hours are used for students to have interaction with faculty members. ? Students are encouraged to take up their projects which meet the needs of industries. To make them aware of the needs of industries, the institution provides all types of standard journals which would give them ideas to do projects. ? The implementation of the evaluation reforms of the Institution, course files and log files are maintained for each course and the same is audited by the Principal periodically

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institute academic calendar is prepared for each semester with the involvement of Heads of the Department. The institute being affiliated to the SGBAU, it does not have the option of formulating its own curriculum. But the institute, for the overall development of students strives for quality enhancement through rigorous academic discipline. Various personality development and orientation programs like those listed below are organized to fulfil the gap if any for achieving the institution goals and objectives. ? Guest lectures delivered by experts from industry and academic circles. ? Inclusion of content beyond syllabus during regular lectures and practicals. ? Various workshops and seminars. ? Remedial classes for weaker students. ? Mini projects. ? Tutorials and Assignments given to the students. ? Various activities under different clubs of student association. ? Students Training Programme to improve soft skills. ? Various value added programmes for enhanced employability.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://kgiet.ac.in/?page_id=1616

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|----------------|----------------|---|---|---|-----------------|
| 112661210 | BE | Mechanical Engineering | 38 | 38 | 100 |
| 112619110 | BE | Civil Engineering | 27 | 26 | 96.29 |
| 112629310 | BE | Electrical Engineering | 44 | 44 | 100 |
| 112637210 | BE | Electronics & Telecommunication Engineering | 11 | 11 | 100 |
| 112624210 | BE | Computer | 11 | 11 | 100 |

| | | | | | |
|---------------------------|----|--------------------------------|---|---|-------|
| | | Science & Engineering | | | |
| 112624610 | BE | Information Technology | 0 | 0 | 0 |
| 112660410 | ME | CAD/CAM | 6 | 2 | 33.33 |
| 112629210 | ME | Electrical Power Systems | 4 | 2 | 50 |
| 112624210 | ME | Computer Science & Engineering | 2 | 1 | 50 |
| View File | | | | | |

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://kgiet.ac.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|---|----------|----------------------------|------------------------|---------------------------------|
| No Data Entered/Not Applicable !!! | | | | |
| No file uploaded. | | | | |

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---|-------------------|------|
| No Data Entered/Not Applicable !!! | | |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|-----------------|-----------------|---------------|----------|
| No Data Entered/Not Applicable !!! | | | | |
| No file uploaded. | | | | |

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|---|------|--------------|----------------------|--------------------|----------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0 | 0 | 0 |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| NIL | 0 |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---|------------|-----------------------|--------------------------------|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|---|-----------------------|
| No Data Entered/Not Applicable !!! | |
| No file uploaded. | |

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|----------------|------------------|---------------------|----------------|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |
| No file uploaded. | | | | | | |

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|----------------|------------------|---------------------|---------|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |
| No file uploaded. | | | | | | |

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 14 | 27 | 8 | 0 |
| View File | | | | |

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---|--|--|--|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|----------------------|-------------------|-----------------|------------------------------|
| NIL | NIL | NIL | 0 |
| No file uploaded. | | | |

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activities | Number of students participated in such activities |
|--------------------|---|----------------------|--|--|
| NIL | NIL | NIL | 0 | 0 |
| No file uploaded. | | | | |

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| NIL | 00 | NIL | 00 |
| No file uploaded. | | | |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|------------------------------------|----------------------|---|---------------|-------------|-------------|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|------------------------------------|--------------------|--------------------|---|
| No Data Entered/Not Applicable !!! | | | |
| No file uploaded. | | | |

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 31 | 27 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|-------------|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |

| | |
|-----------------------------------|----------|
| Laboratories | Existing |
| Classrooms with LCD facilities | Existing |
| Seminar halls with ICT facilities | Existing |
| Video Centre | Existing |
| Classrooms with Wi-Fi OR LAN | Existing |
| No file uploaded. | |

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|----------|--------------------|
| SOUL | Partially | 2.0.0.14 | 2008 |

4.2.2 – Library Services

| Library Service Type | Existing | Newly Added | Total |
|------------------------------------|----------|-------------|-------|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| NIL | NIL | NIL | Nil |
| No file uploaded. | | | |

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/ GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|----------------------------------|--------|
| Existing | 346 | 12 | 346 | 5 | 1 | 1 | 7 | 110 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 346 | 12 | 346 | 5 | 1 | 1 | 7 | 110 | 0 |

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

| |
|----------------|
| 110 MBPS/ GBPS |
|----------------|

4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| NIL | http://kgiet.ac.in |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| | | | |
|--|--|--|--|
| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
| 140000 | 1160532 | 3100000 | 2707313 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

SDGCT, Secretary look after overall developmental and maintenance work. SDGCT, Secretary appointed a coordinator for maintenance work. Coordinator has a team of skilled and semiskilled personnel working under him. This team looks after the daily maintenance of civil works such as furniture repairs, masonry and plaster works, painting carpentry, plumbing and house-keeping work. There is a separate Faculty in charge of the responsibility of overall electric works, who also has a team of electricians working with him.

http://kgiet.ac.in/?page_id=1613

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|--------------------------------------|--|--------------------|------------------|
| Financial Support from institution | Institutional Fee Concession | 62 | 1050000 |
| Financial Support from Other Sources | | | |
| a) National | State Government Central Government | 434 | 18051934 |
| b) International | Nil | Nil | Nil |
| No file uploaded. | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved |
|---|------------------------|-----------------------------|-------------------|
| No Data Entered/Not Applicable !!! | | | |
| No file uploaded. | | | |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|------|---------------------------|--|--|--|---------------------------|
| 2020 | Personality Development | 155 | Nil | Nil | Nil |
| 2020 | Aptitude Training Session | 115 | 115 | Nil | 23 |

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 0 | 0 | 0 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| NIL | 0 | 0 | NIL | 0 | 0 |
| No file uploaded. | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|-------------------|--|--------------------------------|--------------------------------|----------------------------|-------------------------------|
| 2020 | 2 | Mechanical Engineering | Mechanical Engineering | KGIET Darrapur | ME CAD/CAM |
| 2020 | 1 | Computer Science & Engineering | Computer Science & Engineering | NIT Bhopal | M.Tech CSE |
| 2020 | 1 | Electrical Engineering | Electrical Engineering | KGIET Darapur | ME EPS |
| No file uploaded. | | | | | |

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|-------------------|---|
| GATE | 5 |
| No file uploaded. | |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|-------------------|-----------------|------------------------|
| INNOVISION | Institute Level | 360 |
| Badminton(Girls) | Institute Level | 50 |
| Badminton(Boys) | Institute Level | 60 |
| Volleyball(Girls) | Institute Level | 45 |
| Volleyball(Boys) | Institute Level | 45 |
| Kabaddi (Boys) | Institute Level | 72 |
| Cricket (Girls) | Institute Level | 72 |
| Cricket (Boys) | Institute Level | 125 |
| No file uploaded. | | |

5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------------------------------------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| No Data Entered/Not Applicable !!! | | | | | | |
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institute has a Student council established under the provisions of section 40(2) (a) of Maharashtra University Act 1994. The council comprises of the Principal, one Faculty member, National Service Scheme Program Officer, Director of Sports and Physical Education, one representative from sports, NSS and cultural activities, one meritorious student from each class and two lady student members. The Student Council is also a student association with a perfect blend of departmental forums to produce competent students to face the newer challenges of today's globalized world through holistic development. This council provides a platform for students to support, share and excel in potential qualities. ? Sport secretary of the institute along team members conducted various sports events like cricket, volley ball, Badminton, Kabaddi, for students of the college in the month of February 2020. ? Student council secretary along team members of the college conducted Annual Gathering - Innovision-2019. In this Mega Event culture activities like Dance, Drama, Fashion Show, and Singing had been carried out for individual and for group. ? Student council secretary along team members of the College conducted awareness programmes to encourage the College community to reduce the use of plastic and paper on campus. They have also undertaken an initiative to sterilize dogs on campus. They actively encourage paper recycling by all members of the College.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The interactions between the Alumni and the present students give a chance for both the parties to develop positive synergies to enhance growth. Every year the annual Alumni Meet provides a platform for the students to renew old bonds with the Almamater, foster new ties and relive the nostalgic college moments. The Alumni Association interfaces between the eminent alumni and the institute creating a strong network that helps in nurturing executives who can thrive in a challenging and changing business environment. The interaction with alumni is helping the institute by way of guest lectures, industrial visits, project work, student internship, training and placement etc The institute effectively networks and collaborates with alumni which have seen a progressive increase in the number of alumni interacting with the students every year. Active participation and contribution by alumni. - Interaction with alumni through annual alumni meetings. - Involvement of alumni in the Governing Body of the college - Special lectures, seminars and workshops by alumni are arranged on regular basis through Societies.

5.4.2 – No. of enrolled Alumni:

379

5.4.3 – Alumni contribution during the year (in Rupees) :

5.4.4 – Meetings/activities organized by Alumni Association :

One online Meeting was organized by Alumni Association on dated 04/05/2020.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution belongs to a well-known Social Educational And Charitable Trust namely Shri Dadasaheb Gawai Charitable Trust (DGCT), Amravati. The Trust provides qualitative and invaluable service in the field of Education, especially for the poor and the down trodden classes of the society. The Trust was started by our Honble Patron, Shri. R. S. Gawai. Today the Dadasaheb Gawai Charitable Trust runs 39 Institutions, from Primary schools to colleges the recent addition is an Engineering college. The institute is named as Dr. Sau. Kamaltai Gawai Institute of Engineering and Technology (KGIET), Darapur. Institute is located at Darapur, in the Daryapur Taluka of Amravati District of Maharashtra State, India. The Engineering College has sufficient Infrastructural facilities and well qualified teaching faculty. The College is committed to the development of the students in academics as well personality and therefore conducts social activities like Meditation Camps and Awareness Drives for, Employment for Rural Youth, Diagnostic Camps and Computer education for the poor. Guidance Centre for Competitive Examinations and schools for Physical Education in rural areas are also run by the Trust.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|------------------------|---|
| Curriculum Development | As prescribed by university. |
| Teaching and Learning | Published time-table with sufficient number of hours for lectures, labs, self-learning and extra- Curricular activities. ? Tutorial classes to address personal level doubts and queries ? Remedial classes and additional make-up tests to help academically weaker students ? Mentoring system to help at individual levels ? Generation of self-learning facilities, and availability of materials for learning beyond syllabus. Contents beyond the syllabus have been identified in all the courses, which are addressed through guest lectures, industrial visits, seminars and projects By participation and organization of Technical events Through Innovative Live projects Students are motivated to refer to reference books, on- line/ hard copies |

of reputed journal papers For Self Learning and contents beyond syllabus. Free access to library and internet in college hours. By having Flexibility in academics with scope for selflearning Open Elective Wider Scope for selection of Electives ? Motivation for participating in technical activities In plant Industry Training These practices help in broadening and stimulating the students? Thinking process and ultimately improving the quality of teaching - learning process

Examination and Evaluation

Conducted by University.

Research and Development

Research and Development :- The institute encourages the faculty to apply for funded projects, to collaborate with research organizations for UG and PG projects, to participate in seminars and conferences as well as organize them, to publish their research work, to enroll for doctoral programs and to become members of and participate in the activities of professional bodies in their respective fields. ? Conferences and Seminars are organized by the Departments to attract researchers of eminence to visit the campus and interact with teachers and students. While organizing workshops, the focus is on imparting advanced technology, tools and techniques and research areas in the subject domain of the program. Such programs are funded by the Institute. ? Publication of research outcomes by faculty in different International and National refereed Journals, books, articles in edited volumes, seminar proceedings etc. is encouraged. ? Internet, LAN and journal and e-journal subscription is made available to the faculty by the institution to facilitate smooth progress and implementation of research schemes/projects ? The Institute encourages and helps the faculty in filing patents for their research ? The Institutes promotes the faculty to associate with industry for their research project.

Industry Interaction / Collaboration

Enhancement of Industry- Institute interaction through involvement ? Industry experts in conferences , seminars, convention , as adjunct faculty and as resource person for Welfare Scheme training programme, Industry visit for students and faculty

| | |
|-----------------------|--|
| | ? Development of beyond syllabus, technical skill development course in association with industry ? In campus and pool campus interviews for students ? To seek financial support and assistance under Corporate Social Responsibilities. |
| Admission of Students | The admission of students to the institute is in accordance with SGBAU, Maharashtra State Government and AICTE rules. The students are admitted through Centralized Admission Program (CAP) of Directorate of Technical Education (DTE), Mumbai. The centralized admission process ensures the diversity of student admissions to the institute. |

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area | Details |
|-------------------------------|------------------------------------|
| Examination | Online Examination form Submission |
| Student Admission and Support | SMS alert system implemented. |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|-------------------|-----------------|--|--|-------------------|
| 2020 | NIL | NIL | NIL | 0 |
| No file uploaded. | | | | |

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|-------------------|--|---|-----------|---------|---|---|
| 2019 | NIL | NIL | Nil | Nil | Nil | Nil |
| No file uploaded. | | | | | | |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|------------|------------|----------|
| Basic Online Research Workshop | 2 | 28/04/2020 | 30/04/2020 | 3 |

| | | | | |
|-------------------------------------|----|------------|------------|---|
| FDP on Multidisciplinary Activities | 32 | 17/11/2019 | 21/11/2019 | 5 |
| No file uploaded. | | | | |

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 63 | 63 | 30 | 30 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|--|--|---|
| - Group Insurance scheme - PF as per rule - Maternity leave - Medical leave - Mediclaim policy | - Group Insurance scheme, PF as per rule - Maternity leave, Medical leave - Mediclaim policy | - Group Insurance scheme - Fees concession for the students having good academic background - Scholarship provided by state government. - Skill development (Spoken English, Computer Literacy, etc.,) - Practical Knowledge Training |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

| |
|--|
| The Audit is conducted by Chartered Accountant in the Month of April with financial year completion. |
|--|

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

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---------|
| NIL | 0 | NIL |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

| |
|----|
| 00 |
|----|

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|--------|----------|--|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | NIL | Yes | IQAC Coordinator |
| Administrative | No | NIL | Yes | Administrative Officer - SDGCT, Amravati |

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent- Teacher Meet is organized in the institute in month of December on dated 19/12/2019.

6.5.3 – Development programmes for support staff (at least three)

Air Conditioning Repair and maintenance training program is organized in institute for supporting staff in month of March 2019 on dated 17-18/02/2020.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Initiation of NBA Accreditation in Mechanical, Civil and Electrical Department.

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| c) ISO certification | No |
| d) NBA or any other quality audit | No |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------------------------------------|------------------------------------|-------------------------|---------------|-------------|------------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|------------------------|-------------|------------|------------------------|------|
| | | | Female | Male |
| Womens Day Celebration | 09/03/2020 | 09/03/2020 | 54 | 60 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

The institute tries to save each unit of energy on the campus by making optimum use of available energy. The use of solar energy for day time lighting, battery backups are few of the aspects promoted at KGIET campus. The institute developed and install a 35KW solar energy unit and use for institute.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-----------------|--------|-------------------------|
| Ramp/Rails | Yes | 5 |
| Rest Rooms | Yes | 12 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages | Number of initiatives taken to engage with and | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|--|--|------|----------|--------------------|------------------|--|
|------|--|--|------|----------|--------------------|------------------|--|

| | and disadvantages | contribute to local community | | | | | |
|-------------------|-------------------|-------------------------------|------------|---|--|---|----|
| 2019 | 1 | 1 | 16/12/2019 | 1 | How to prepare for the competitive Exam. | awareness about different competitive Exam and information given about study material | 54 |
| 2020 | 1 | 1 | 06/01/2020 | 1 | How prepare for MH_CET and NEET | Detail information about MH-CET and NEET preparation. | 43 |
| No file uploaded. | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|----------------------------|---------------------|---|
| CODE OF CONDUCT AND ETHICS | 17/07/2019 | The institution regularly prepares the hand book and distributes to all the students at the beginning of every academic year. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---------------------|---------------|-------------|------------------------|
| Blood Donation Camp | 18/11/2019 | 18/11/2019 | 31 |
| No file uploaded. | | | |

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The campus is maintained as smoke free by parking car two wheeler in separate parking area and plastic pollution free by continuous education to the students. ? The college is implementing energy conservation activities by utilizing solar energy and minimum utilization of conventional energy resources. ? The practice of rain water harvesting, food waste management techniques are being followed in the campus. ? Tree Plantation. (500 Different types of tree planted in surroundings of campus.) ? Public awareness camp for Digitalization, New voter ID Generation, Registration of newly born babies.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

NPTEL video lectures and guest lectures by the subject experts. - Faculty members are grouped based on their specialized domain to enhance the research activities. - Mini Projects and major Projects are introduced to promote the

research attitude among the students. - Value added courses like Siemens training on automation and control are conducted to enhance the Employability skills of the students. - Considerable percentage of students in all the Departments is made to carry out their project work in industries. Students are given opportunities to undergo in-plant training and internships and they may under take their Projects in those industries. - Industrial visits are arranged periodically by the Departments to give the students a practical knowledge and Exposure to Industrial practices. - Aptitude and technical skill training are provided to the third year students. - Faculty members participate in FDPs to improve their teaching skills. - Students are motivated to participate and present papers in National and International conferences. - Organizing workshop, Conferences and symposiums keeps the student fraternity vibrant.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://kgiet.ac.in/?page_id=1610

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Every year Study tour is organized free of cost for the toppers of all branches of Engineering and Management under the banner "Nurturing Talent with Global Vision". The objective of study tour is unique amongst all engineering colleges in Vidharbha region of Maharashtra. The objectives are- To aid students in acquiring basic knowledge of functioning of the industry. Experimental learning and offer both group and self- directed activities that enable learners to explore various industries cultures, practices and people internationally. To provide students the global exposure. From year 2012 to 2017 around 390 students were visited to Pune, Mumbai, Nagpur, Bangalore. In year 2019, around 102 students were visited Nagpur Amravati. Students visited Ratan Power India, Power Plant in Amravati, Mahindra Mahindra, a Automotive Company in Nagpur etc. Students learned latest technology and also developed state of art projects in the Institution.

Provide the weblink of the institution

https://kgiet.ac.in/?page_id=1619

8.Future Plans of Actions for Next Academic Year

Creating the Center of excellence. To start PG Course and Research Center. The Department is to be accredited by NBA. Planned to sign a MoU with construction companies. Hands on training along with curriculum is been planned for the students to practice themselves with the real construction activities. To motivate the faculty members to do funded projects. To organize national / international level seminars / conferences /workshops in collaboration with Professional Societies. Department administration will be digitized to facilitate easy access.By the faculty using Information and Communication Technology. To start-up consultancy activities for government departments and leading industries