



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |  |
|---|--|
| Part A  |  |
| <b>Data of the Institution</b>                |  |
| <b>1. Name of the Institution</b>             | GOVT COLLEGE OF ENGG JALGAON               |
| Name of the head of the Institution           | Dr R D Kokate                              |
| Designation                                   | Principal (in-charge)                      |
| Does the Institution function from own campus | Yes  |
| Phone no/Alternate Phone no.                  | 02572281522                                |
| Mobile no.                                    | 9767423528                                 |
| Registered Email                              | principal.gcoejalgaon@dtmaharashtra.gov.in |
| Alternate Email                               | princoe@rediffmail.com                     |
| Address                                       | NH 6 IN FRONT OF GOVT ITI                  |
| City/Town                                     | JALGAON                                    |
| State/UT                                      | Maharashtra                                |
| Pincode                                       | 425001                                     |

| <b>2. Institutional Status</b>  |   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
|---|---|------|---------------------------------------|-------------|-------------|-------|-------|------|----------------------|----------|--|-------------|-----------|---|----|------|------|-------------|-------------|
| Autonomous Status (Provide date of Conformant of Autonomous Status)   | 17-Apr-2014   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Type of Institution   | Co-education  |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Location  | Urban   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Financial Status  | state   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Name of the IQAC co-ordinator/Director  | Dr M K Sonpimple  |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Phone no/Alternate Phone no.  | 02572281522   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Mobile no.  | 9423054182  |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Registered Email  | principal.gcoejalgaon@dt Maharashtra.gov.in   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Alternate Email   | msonpimple@gmail.com  |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <b>3. Website Address</b>   |   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| Web-link of the AQAR: (Previous Academic Year)  | <a href="https://gcoej.ac.in/">https://gcoej.ac.in/</a>                             |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <b>4. Whether Academic Calendar prepared during the year</b>  | Yes   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| if yes,whether it is uploaded in the institutional website: Weblink :   | <a href="https://www.gcoej.ac.in/?page=MjY=">https://www.gcoej.ac.in/?page=MjY=</a> |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <b>5. Accrediation Details</b>  |   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.67</td> <td>2018</td> <td>30-Nov-2018</td> <td>29-Nov-2023</td> </tr> </tbody> </table> |   |      |                                       |             |             | Cycle | Grade | CGPA | Year of Accrediation | Validity |  | Period From | Period To | 1 | B+ | 2.67 | 2018 | 30-Nov-2018 | 29-Nov-2023 |
| Cycle   | Grade   | CGPA | Year of Accrediation                  | Validity    |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
|   |   |      |                                       | Period From | Period To   |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| 1   | B+  | 2.67 | 2018                                  | 30-Nov-2018 | 29-Nov-2023 |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <b>6. Date of Establishment of IQAC</b>   | 04-Oct-2018   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| <b>7. Internal Quality Assurance System</b>   |   |      |                                       |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| 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 |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |
| professional development  | 04-Nov-2020   |      | 8                                     |             |             |       |       |      |                      |          |  |             |           |   |    |      |      |             |             |

|  |                  |      |
|--|------------------|------|
| programme  | 6                |      |
| Collaborations                                       | 04-Sep-2019<br>6 | 65   |
| Training Programs held for students in A. Y. 2019-20 | 01-Aug-2019<br>6 | 1188 |
| Faculty and staff development programs               | 19-May-2020<br>6 | 39   |
| <a href="#">View File</a>                            |                  |      |

**8. Provide the list of Special Status conferred 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   |
|---|--|---|-----------------------------|----------|
| Government College of Engineering Jalgaon | Technical Education Quality Improvement Programme of Government of India (TEQIP III) | National Project Implementation Unit (NPIU) | 2018<br>3                   | 70000000 |
| DTE Mumbai                                | Improvement of Technical Education System and Institute Interaction.                 | DTE Mumbai                                  | 2019<br>5                   | 300000   |
| 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 :**

1

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)**

- Facilitated to organize workshops/ Training for teachers and staff for qualitative improvement.
- Organized cultural, skill developmental events for students overall improvement.
- Facilities provided to the students by organizing skill based training in areas of Amazon web Services, IoT, Python boot camp, etc
- Pedagogical training imparted to the faculties.
- Soft skill training and GATE coaching provided to the students.

No Files Uploaded !!!

**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  | Achivements/Outcomes   |
|---|--|
| Revision of curriculum as per AICTE model curriculum    | Curriculum structure finalized as per AICTE guidelines and detail syllabus prepared for 1st year B. Tech and M. Tech Programmes. |
| Strengthening and improvement of library facilities.    | Library facilities are constantly upgraded with E Books, digital library, and reference and text books.                          |
| Strengthening formal student mentoring program          | Strengthening formal student mentoring program   |
| To organize cultural events/ National level Competition | Organization of national level activities like Abhivyakti, Jallosh, Techno-vision, Techno-Arena,                                 |
| To organized workshops / FDP /conference                | Organized workshop for students, faculty/staff under TEQIP III   |

[View File](#)

**14. Whether AQAR was placed before statutory body ?**

No

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

18-Jan-2020

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

For student registration and examination dedicated MIS at institute level is available. There are various modules such as: 1) Admission form of students and Updation of related data. 2) Course registration. 3) Examination registration 4) Declaration of results. 5) Result analysis. 6) Students feedback and analysis 7) Declaration of list of eligible students for in semester and final examination. Also for TEQIP III related activities separate MIS is available.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

##### 1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

| Name of Programme | Programme Code | Programme Specialization | Date of Revision |
|-------------------|----------------|--------------------------|------------------|
| BTech             | ME             | -                        | 01/08/2019       |
| BTech             | CO             | -                        | 01/08/2019       |
| BTech             | EE             | -                        | 01/08/2019       |
| BTech             | CE             | -                        | 01/08/2019       |
| BTech             | ET             | -                        | 01/08/2019       |
| BTech             | IN             | -                        | 01/08/2019       |
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##### 1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

| Programme with Code | Programme Specialization    | Date of Introduction | Course with Code                        | Date of Introduction |
|---------------------|-----------------------------|----------------------|---|----------------------|
| BTech               | Electrical Engineering      | 01/08/2019           | EDP, Effective Technical Communication, | 01/08/2019           |
| BTech               | Computer Engineering        | 01/08/2019           | Programming with Python, EDP            | 01/08/2019           |
| BTech               | Mechanical Engineering      | 01/08/2019           | Professional Elective Courses           | 01/08/2019           |
| BTech               | Instrumentation Engineering | 01/08/2019           | Professional Elective Courses           | 01/08/2019           |
| BTech               | Civil Engineering           | 01/08/2019           | Professional Elective Courses           | 01/08/2019           |
| BTech               | Electronics                 | 01/08/2019           | Professional                            | 01/08/2019           |

and Telecommuni-  
cation  
Engineering

Elective  
Courses

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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course  | Programme Specialization               | Dates of Introduction |
|-------------------|--|-----------------------|
| PhD or DPhil      | Electronics and Telecommunication Engg | 23/06/2019            |
| PhD or DPhil      | Electrical Engineering                 | 28/08/2019            |
| PhD or DPhil      | Mechanical Engineering                 | 28/08/2019            |
| PhD or DPhil      | Instrumentation Engineering            | 28/08/2019            |
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
| BTech                            | CO                       | 01/08/2019  |
| BTech                            | CE                       | 01/08/2019  |
| BTech                            | ME                       | 01/08/2019  |
| BTech                            | IN                       | 01/08/2019  |
| BTech                            | EE                       | 01/08/2019  |
| BTech                            | ET                       | 01/08/2019  |

## 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 |
|---------------------|----------------------|-----------------------------|
| INDUCTION PROGRAM   | 07/08/2019           | 280                         |
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### 1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization                      | No. of students enrolled for Field Projects / Internships |
|-------------------------|---|---|
| BTech                   | Mechanical Engineering                        | 27  |
| BTech                   | Civil Engineering                             | 166   |
| BTech                   | Electrical Engineering                        | 33  |
| BTech                   | Electronics and Telecommunication Engineering | 25  |
| BTech                   | Computer Engineering                          | 64  |
| BTech                   | Instrumentation Engineering                   | 46  |
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## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | No  |
| 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

Two feedbacks per semester are taken in standard format from three student representatives of each class about teaching learning process by Dean Student affairs and Principal of the institute. It is discussed in detail in the meeting of Head of the Departments and Deans and accordingly the corrective action is taken. Feedback is also taken from each student online through MIS at the end of each semester. Overall performance of each faculty and department can be analysed with the help of MIS. It is also discussed in detail in the meeting of Head of Departments and Deans and corrective action is taken Thus it helps for overall development/improvement of individual faculty members as well as institute in general.

## 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 |
|------------------------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| No Data Entered/Not Applicable !!! |                          |                           |                                |                   |
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### 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 | 1477  | 2   | 34  | 2   | 2  |

### 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 |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 36                         | 36  | 3                                 | 12                               | 7                          | 4                               |
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

There are 1477 students are enrolled for AY 2019-20 and 36 faculties on roll. Each faculty is assigned with 30-40 students and they are asked to mentoring for students until students get pass out from the college. One program for the mentors was also arranged to guide them. Mentors guide students regarding their problems. Also for future opportunities. Some times mentors assist students for choosing electives as per requirement of students.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 1477   | 36                          | 1 : 41                |

**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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 86                          | 36                      | 50               | 0  | 11                       |

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 |
|---|---|-------------|--|
| <b>No Data Entered/Not Applicable !!!</b> |   |             |  |
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**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 |
|-------------------|----------------|---------------------|--|---|
| BTech             | All            | Winter 2019         | 06/12/2019   | 06/02/2020  |
| BTech             | All            | Re-Exam winter 2019 | 31/12/2019   | 28/02/2020  |
| BTech             | All            | Summer 2020         | 28/10/2020   | 07/11/2020  |
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

| Number of complaints or grievances about evaluation | Total number of students appeared in the examination | Percentage |
|---|--|------------|
| 200   | 2095   | 9.51       |

**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)

<https://www.gcoej.ac.in/>

2.6.2 – Pass percentage of students

| Programme | Programme | Programme | Number of | Number of | Pass Percentage |
|-----------|-----------|-----------|-----------|-----------|-----------------|
|-----------|-----------|-----------|-----------|-----------|-----------------|



| Code              | Name  | Specialization                                   | students appeared in the final year examination | students passed in final year examination |     |
|-------------------|-------|--|---|---|-----|
| ME                | BTech | Mech Engg.                                       | 72  | 72  | 100 |
| ET                | BTech | Electronics & Telecommunication Engg.            | 76  | 76  | 100 |
| IN                | BTech | Instrumentation Engg.                            | 67  | 67  | 100 |
| EE                | BTech | Electrical Engg.                                 | 69  | 69  | 100 |
| CO                | BTech | Computer Engg.                                   | 72  | 72  | 100 |
| CE                | BTech | Civil Engg.                                      | 79  | 79  | 100 |
| ET                | Mtech | M Tech. in Electronics & Telecommunication Engg. | 5   | 5   | 100 |
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## 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)

<https://www.gcoej.ac.in/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

| Type                                      | Name of the teacher awarded the fellowship | Name of the award | Date of award | Awarding agency |
|---|--|-------------------|---------------|-----------------|
| <b>No Data Entered/Not Applicable !!!</b> |  |                   |               |                 |
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### 3.2 – Resource Mobilization for Research

3.2.1 – 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 |
|---|----------|----------------------------|------------------------|---------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |          |                            |                        |                                 |
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

No Data Entered/Not Applicable !!!

### 3.3 – Innovation Ecosystem

3.3.1 – 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 !!! |                   |      |
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3.3.2 – 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 !!! |                 |                 |               |          |
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3.3.3 – 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 !!! |      |              |                      |                    |                      |
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### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

| Name of the Department             | Number of PhD's Awarded |
|------------------------------------|-------------------------|
| No Data Entered/Not Applicable !!! |                         |

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

| Type              | Department                                    | Number of Publication | Average Impact Factor (if any) |
|-------------------|---|-----------------------|--------------------------------|
| International     | Civil Engineering                             | 2                     | 3                              |
| International     | Mechanical Engineering                        | 1                     | 3                              |
| International     | Electronics and Telecommunication Engineering | 10                    | 4                              |
| International     | Computer Engineering                          | 1                     | 3                              |
| International     | Instrumentation Engineering                   | 2                     | 3                              |
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3.4.3 – 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 !!! |                       |
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## 3.4.4 – Patents published/awarded during the year

| Patent Details                            | Patent status | Patent Number | Date of Award |
|---|---------------|---------------|---------------|
| <b>No Data Entered/Not Applicable !!!</b> |               |               |               |
| No file uploaded.                         |               |               |               |

## 3.4.5 – 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 |
|--|---------------------------|------------------|---------------------|----------------|---|---|
| Assesment of contamination of Ground water by Waste disposal site                                | Dr Vidya Saraf            | International    | 2019                | 4              | Civil Engg.   | 4   |
| Emotion Recognition from Facial Expressions using GFE, LBP and HOG Feature Extraction Techniques | Dr. Devendra S. Chaudhari | International    | 2019                | 10             | Electronics and Telecommunication Engg.                   | 10  |
| Use of KNN classifier for emotion recognition based on distance measures                         | Dr. Devendra S. Chaudhari | International    | 2019                | 8              | Electronics and Telecommunication Engg.                   | 8   |
| Boimetrics Authetication   | A.G.Andurkar              | International    | 2020                | 7              | Electronics and Telecommunication Engg.                   | 7   |
| Machine Learning approach tomato leaf Disease Classification                                     | H.D.Gadade                | International    | 2020                | 5              | Computer Engg.  | 5   |

|  |                           |               |      |   |   |   |
|--|---------------------------|---------------|------|---|---|---|
| Design and Performance Analysis of MR Twin Tube Shock Absorber Damper of Semi-Active Suspension System.                              | Dr. Mahendra J. Sable     | International | 2019 | 8 | Mechanical Engg.                        | 8 |
| Hybrid fusion approach for synthetic aperture radar and multispectral imagery for improvement in land use land cover classifications | S C Kulkarni              | International | 2019 | 7 | Electronics and Telecommunication Engg. | 7 |
| Preference Oriented Multi-Objective Optimization for Tuning of Controllers: A Reference Point Based Approach                         | Dr. P. J. Gaidhane        | International | 2019 | 9 | Instrumentation Engg.                   | 9 |
| Natural Fiber as Geo-Reinforcement-A Review  | S. S. Pusadkar            | International | 2019 | 6 | Civil Engg.                             | 6 |
| Implementation of arithmetic Logic Unit Using Vedic Mathematics  | Dr. Devendra S. Chaudhari | International | 2019 | 7 | Electronics and Telecommunication Engg. | 7 |

No file uploaded.

### 3.4.6 – 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 |
|---|----------------|------------------|---------------------|---------|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |                |                  |                     |         |   |   |
| <b>No file uploaded.</b>                  |                |                  |                     |         |   |   |

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 2             | 0        | 0     | 0     |
| Attended/Seminars/Workshops | 0             | 2        | 0     | 0     |
| <b>No file uploaded.</b>    |               |          |       |       |

## 3.5 – Consultancy

### 3.5.1 – Revenue generated from Consultancy during the year

| Name of the Consultan(s) department       | Name of consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|---|-----------------------------|------------------------------|--------------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                             |                              |                                      |
| <a href="#">View File</a>                 |                             |                              |                                      |

### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

| Name of the Consultan(s) department       | Title of the programme | Agency seeking / training | Revenue generated (amount in rupees) | Number of trainees |
|---|------------------------|---------------------------|--------------------------------------|--------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                        |                           |                                      |                    |
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## 3.6 – Extension Activities

### 3.6.1 – 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 |
|---|--|--|--|
| <b>No Data Entered/Not Applicable !!!</b> |  |  |  |
| <b>No file uploaded.</b>                  |  |  |  |

### 3.6.2 – 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 |
|---|-------------------|-----------------|------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                   |                 |                              |
| <b>No file uploaded.</b>                  |                   |                 |                              |

### 3.6.3 – 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 | Name of the activity | Number of teachers participated in such | Number of students participated in such |
|--------------------|--------------------------------------|----------------------|---|---|
|--------------------|--------------------------------------|----------------------|---|---|

|                   |   |              |           |           |
|-------------------|---|--------------|-----------|-----------|
|                   | agency  |              | activites | activites |
| Swachh Bharat     | Government<br>College of Engi<br>neering, Jalgaon | Cleaning     | 10        | 300       |
| Gender Issue      | Women Cell  | Gender Issue | 3         | 100       |
| No file uploaded. |   |              |           |           |

### 3.7 – Collaborations

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

| Nature of activity                 | Participant | Source of financial support | Duration |
|------------------------------------|-------------|-----------------------------|----------|
| No Data Entered/Not Applicable !!! |             |                             |          |
| <a href="#">View File</a>          |             |                             |          |

3.7.2 – 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.                  |                      |   |               |             |             |

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, 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 !!! |                    |                    |   |
| <a href="#">View File</a>          |                    |                    |   |

## 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 |
|--|--|
| 70   | 70   |

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                |
| Seminar Halls                     | Existing                |
| Classrooms with LCD facilities    | Newly Added             |
| Seminar halls with ICT facilities | Newly Added             |
| Video Centre                      | Newly Added             |

|   |             |
|---|-------------|
| Value of the equipment purchased during the year (rs. in lakhs) | Existing    |
| Classrooms with Wi-Fi OR LAN                                    | Newly Added |
| 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 |
|---------------------------|---|---------|--------------------|
| slim Soft -21             | Fully                                     | 3.2     | 2013               |

4.2.2 – Library Services

| Library Service Type | Existing |   | Newly Added |   | Total |   |
|----------------------|----------|---|-------------|---|-------|---|
|                      |          |   |             |   |       |   |
| Text Books           | 36605    | 0 | 1366        | 0 | 37971 | 0 |
| Reference Books      | 813      | 0 | 2           | 0 | 815   | 0 |
| e-Books              | 307      | 0 | 0           | 0 | 307   | 0 |
| e-Journals           | 309      | 0 | 0           | 0 | 309   | 0 |
| Digital Database     | 1226     | 0 | 0           | 0 | 1226  | 0 |
| No file uploaded.    |          |   |             |   |       |   |

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 |
|------------------------------------|--------------------|---------------------------------------|-----------------------------|
| No Data Entered/Not Applicable !!! |                    |                                       |                             |
| 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 | 743             | 8            | 1        | 7                | 1                | 1      | 8           | 1000                            | 0      |
| Added    | 50              | 0            | 0        | 0                | 0                | 0      | 0           | 0                               | 0      |
| Total    | 793             | 8            | 1        | 7                | 1                | 1      | 8           | 1000                            | 0      |

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

|                 |
|-----------------|
| 1000 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 |
| <b>No Data Entered/Not Applicable !!!</b>  |  |

#### 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 |
|--|--|--|--|
| 65                                     | 55   | 7.5                                    | 6  |

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)

|   |
|---|
| <p>Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. are prepared by respective deans/officials and same are forwarded to BoG for approval. After seeking financial approval with correction if any from BoG, the resolution is passed by the BoG. Same is used for implementation. Minutes of all BoG meetings are available on institute website<br/>(<a href="https://gcoej.ac.in/?pageMTM#parentVerticalTab2">https://gcoej.ac.in/?pageMTM#parentVerticalTab2</a>)</p> <p style="text-align: center;"><a href="https://gcoej.ac.in/?page=MTM=#parentVerticalTab2">https://gcoej.ac.in/?page=MTM=#parentVerticalTab2</a></p> |
|---|

### 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   | Nill                     | Nill               | Nill             |
| Financial Support from Other Sources |                          |                    |                  |
| a) National                          | DTE Welfare Department   | 1604               | 40265960         |
| b) International                     | Nill                     | Nill               | Nill             |
| 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 implemetation | Number of students enrolled | Agencies involved |
|---|-----------------------|-----------------------------|-------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                       |                             |                   |
| <a href="#">View File</a>                 |                       |                             |                   |

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 | Number of students who have passed in the comp. exam | Number of students placed |
|------|--------------------|--|---|--|---------------------------|
|------|--------------------|--|---|--|---------------------------|



|                   |                                     |     |            |    |    |
|-------------------|-------------------------------------|-----|------------|----|----|
|                   |                                     |     | activities |    |    |
| 2020              | Gate Registration Fee Reimbursement | 380 | 0          | 52 | 25 |
| 2020              | Gate Coaching Fee Reimbursement     | 52  | 0          | 52 | 52 |
| 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 |
| 1                         | 1                              | 30  |

## 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 |
| No Data Entered/Not Applicable !!! |                                 |                           |                               |                                 |                           |
| 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 |
|------------------------------------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| No Data Entered/Not Applicable !!! |  |                          |                           |                            |                               |
| 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                      | 52                                      |
| <a href="#">View File</a> |   |

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

| Activity          | Level      | Number of Participants |
|-------------------|------------|------------------------|
| Sports            | University | 6                      |
| Sports            | Zonal      | 28                     |
| 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 | National/ | Number of | Number of | Student ID | Name of the |
|------|-------------|-----------|-----------|-----------|------------|-------------|
|------|-------------|-----------|-----------|-----------|------------|-------------|

|                   | award/medal | Internaional | awards for Sports | awards for Cultural | number | student          |
|-------------------|-------------|--------------|-------------------|---------------------|--------|------------------|
| 2019              | Bronze      | National     | 1                 | Nil                 | 3      | Animesh Kharabe  |
| 2019              | Silver      | National     | 1                 | Nil                 | 4      | Sahilkhan Pathan |
| 2019              | Silver      | National     | 1                 | Nil                 | 6      | Yash Kakade      |
| 2019              | Silver      | National     | 1                 | Nil                 | 2      | Riya Nikale      |
| 2019              | Silver      | National     | 1                 | Nil                 | 2      | Krishna Bhatt    |
| No file uploaded. |             |              |                   |                     |        |                  |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are always involved in different extracurricular activities through cultural committee consisting with the faculty and student members. Every year Student Council is formed which consist of 01 University Representative, 01 Cultural Secretary, 01 Sports Secretary, 02 ladies Representative and 02 Caste Representative as per University act. Apart from this 01 Class Representative from each class is selected. As this institute got autonomous status in the year 2014, 03 students i.e 02 from UG and 01 from PG are working in Academic Council as a member. The institute has well-groomed teams and offers the facilities for all games and sports activities namely Athletics, Basketball, Chess, Cricket, Football, Kho- Kho, Kabaddi, Volleyball, offered by North Maharashtra University. Annual Sports conducted by college for a week in the month of January / February each year. Various events like Athletics, Basketball, Chess, Cricket, Football, Kho-Kho, Kabaddi, Volley Ball etc. are arranged for interdepartmental students and faculty members. Separate events for boys, girls and for staff are also conducted. Both indoor and outdoor games (viz Carrom, Chess, Football tournament, Cricket etc.) are played throughout the year. Also this institute is having sufficient space to conduct Annual social gathering, which also includes various committees, like Reception, Stage, Sound System, Refreshment, Dance, singing, Drama, Fishpond etc. For all these sub event 01 co-ordinator and 01 co-coordinator are selected. Institute organizes Technical programs every year viz Techno- Arena and Techno-Vision. Techno-Arena consists of various technical activities while Techno- Vision consists of technical paper presentation . Apart from this we also organize a Cultural Event viz- ABHIVYAKTI. For all these 03 events 01 co-ordinator and 01 co-coordinator are selected for each event and also for sub committees formed under these events. Every year a special committee is made for girls viz Yuvati Sabha , her 02 girls works as a co-ordinators, they conduct expert talk of well known ladies every year and conduct the programme of self defence for girls for which University provides necessary fund. Hostel committee is also formed in girls and boys , related to mess and discipline. Other Activities: Blood Donation Camp in the Campus every year. Industrial visit conducted by the Training and Placement Cell in association with the department for the students of 3rd year. Cleanliness Campaign on 15th August Participation in intra or inter-departmental seminar /conference/ workshop, quiz and debate etc. Students also publish Departmental Technical Magazine and Newsletter. Fresher's welcome and farewells conducted by the Students Association of department. And Institute level programs include, Shivjayanti, cultural night etc. Students are motivated to conduct and participate in workshops, seminars etc. Students

participate in industrial awareness camp conducted by the institute.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association of institute is registered under societies act and regularly functioning. Since its foundation it is contributing significantly towards the development of institution. The major activities conducted by association are 1. Continuous drive for membership registering, mentoring the members towards contribution through experience sharing, seeking help of members for campus placement of students. 2. Association regularly conducts industry alumni institute interaction programs, annual general body meetings etc. 3. Few of the alumni have established formal tie up with institute and conduct industry oriented STTPs to directly generate placement of outgoing students. 4. Outgoing students are assigned with group of alumni which help the students to seek employment. 5. Annually alumni association conducts Best Project Competition for final year students to uplift the innovation skills of students. 6. Alumni association consistently sponsors the student activities like Technoarena, Technovision and ISTE/IETE/TEQIP activities and conferences etc

5.4.2 – No. of registered Alumni:

360

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

25000

5.4.4 – Meetings/activities organized by Alumni Association :

Every year two meetings are held. One industry alumini meets is conducted. Annually alumni association conducts Best Project Competition for final year students to uplift the innovation skills of students. Alumni association consistently sponsors the student activities like Technoarena, Technovision and ISTE/IETE/TEQIP activities and conferences etc.

## 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)

- Financial power given to HoD's for the expenditure up to Rs 50000/- per year from year 2019-20. HoD's can spend this amount for the emergency maintenance of the equipment or purchase of lab or other equipment of departmental importance such as printer repair, petrol diesel, consumables required for laboratory and student projects etc.
- Budget preparation: While preparing budget of institute, bottom to top approach is adopted. HoDs of respective department prepare their own budget depending on the needs of the department and same is compiled at institute level and finally approved by BoG.

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

Yes

### 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 |
|---------------|---------|
|---------------|---------|

|   |  |
|---|--|
| <p>Human Resource Management</p>                                  | <ul style="list-style-type: none"> <li>• The management firmly believes in participative decision-making and functioning. Conscious efforts have been taken by the management for the involvement of all elements of the system in institutional process.</li> <li>• Numbers of committees are formed every year for various functions and activities of the college. The members in various committees are rotated every year so that the involvement of staff in various activities like Abhivyaakti, Technovision, Jallosh and TechnoArena activities increases.</li> <li>• The active staff members are encouraged to play lead roles in various, functions /activities / events. Good blend of senior and junior staff members formed in the committees, with the objective of experience sharing and team building, helps in successful completion of task.</li> <li>• The teaching and non-teaching staff members are deputed to participate in various training programmes in order to upgrade themselves.</li> <li>• The college deposes the newly recruited faculty members for an induction programme.</li> </ul> |
| <p>Research and Development</p>                                   | <ul style="list-style-type: none"> <li>• Established university recognised research laboratories in five departments to strengthen research capabilities</li> <li>• Advanced and sophisticated instruments/software are purchased under TEQIP.</li> <li>• Financial assistance is given to the faculty members enrolled for the Ph. D. Programme.</li> </ul>   |
| <p>Library, ICT and Physical Infrastructure / Instrumentation</p> | <ul style="list-style-type: none"> <li>• The institution has the practice of wide use of ICT based environment at the academic and the administrative levels.</li> <li>• The college is also a subscriber of IEEE, ASME, ASCI, Science Direct etc. and e-books are also made available.</li> <li>• The college library provides computer based book searching.</li> <li>• ICT facilities strengthened by procuring advanced software and hardware.</li> </ul>  |
| <p>Industry Interaction / Collaboration</p>                       | <ul style="list-style-type: none"> <li>• The college has initiated various collaborative activities with different academic / research institutions and industries, few linkages were established.</li> <li>• Various Labs of the College is referred to and used by some of the local industries for testing and RD work.</li> </ul>  |

|                               |  |
|-------------------------------|--|
| <p>Admission of Students</p>  | <p>• Admissions to the various programmes are made on the basis of merit through CAP Centralised admission Process a Govt of Maharashtra Portal for admissions to engineering. • During the admission process, the faculty and experts provide help, support and advice to the students regarding various programme options available to them.</p>   |
| <p>Curriculum Development</p> | <p>The Government College of Engineering, Jalgaon (M.S.) established in the year 1996 witnessed a phenomenal growth during its graceful existence for past 21 years. Having begun from mere 03 disciplines with intake of 180 students the college presently rolls over 1600 students. It imparts engineering educations at UG level in six disciplines viz. Civil, Mechanical, Electrical, Electronics Telecommunications, Instrumentation and Computer Engineering. It also offers a post graduate course in Electronics Telecommunication (Digital Systems). It attained an autonomous status w.e.f. academic year 2014-15. Following up timely guidelines of AICTE and UGC, the college academic council has defined its structure and curriculum for various undergraduate and postgraduate level engineering programs. The design of entire curriculum is done with a focus on meeting the mission and vision of institute. To cover the global aspect of vision, for process of designing the curriculum, the college has involved and valued the opinions of assorted stakeholders, such as academicians of repute, experts from industries, employers, and alumni working in all vital sectors at responsible positions. Reviewing and justified modification of the curriculum is done by means of consistent feedbacks collected from these stakeholders. Principle objective of the curriculum and its design is to disseminate the state-of-art knowledge considering emerging socio-technical scenario of engineering education with due focuses on balancing infield opportunities and various skills required. This naturally leads to attainment of mission and vision of the institute. With an uphold belief that students can be taught to think and learn independently to be competent and</p> |

confident the complete flow of academia is streamlined. Aptly designed course objectives work and fit better under program specific objectives. At apex level, program objectives undertake due considerations regarding implementation and execution of all programs effectively and thereby reaching the ultimate goals of the institute. The college academic council oversee the inclusion of skill-development and value-addition courses to enrich the curricula. Addition of specific methodologies like self-studies and surprise tests imparts distinct edge to quality of academic assessment. In house trainings, industrial visits and execution of MoU's with leading industries and academic institutions also accelerates the progress of the students and college as a whole.

Teaching and Learning

Teaching faculties have been motivated for extensive use of ICT in the teaching-learning process. For this smart classrooms have been developed. Having recognized the importance of ICT tools and techniques in the process of effective teaching- learning, the institution has drawn a strategic plan:

- To build, expand and update ICT infrastructure on the campus.
- To train the faculty members for making them ICT enabled.
- To motivate teachers to use modern teaching aids based on ICT and day by day enhanced the proportion of ICT based teaching.
- To motivate the students to use ICT infrastructure and tools for effective learning experiences.

Examination and Evaluation

Each year, the college constitutes a special examination committee to ensure effective implementation of all activities related to internal and external examinations and assessments. Internal theory exams of all faculties and classes are conducted at a time and as strict as mentioned in the academic calendar of institute. Time table of the theory examination, room allotment, supervision schedule and result submission schedule is displayed on notice board as well as on institute website it is and strictly followed.

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

E-governance area

Details

|                               |  |
|-------------------------------|--|
| Planning and Development      | In-house development of website through SDC (Software Development Cell) website gcoej.ac.in and hostel admission website is designed and maintained by the SDC.  |
| Finance and Accounts          | Being a government institute SEVARTH PRANALI is provided for salary and account related activities.  |
| Student Admission and Support | For student registration and examination dedicated MIS system is available in the institute. OBE software has been purchased by the institute for calculation of attainment of Cos and POs required for NBA accreditation process. |
| Examination                   | For student registration and examination dedicated MIS system is available in the institute. OBE software has been purchased by the institute for calculation of attainment of Cos and POs required for NBA accreditation process. |

### 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 |
|------|------------------|--|--|-------------------|
| 2019 | V.P.Jadhao       | Training on Professional Development Training                              | TEQIP III  | 25000             |
| 2019 | Dr.S.S.Pusadkar  | Attended Conference Exhibition Global Bio India 2019                       | TEQIP III  | 25000             |
| 2019 | Dr.R.D.Kokate    | Attended Conference Exhibition Global Bio India 2019                       | TEQIP III  | 25000             |
| 2019 | Dr.L.V.Lakhekar  | MHRDs Innovation cell workshop at AICTE New Delhi                          | TEQIP III  | 30000             |
| 2019 | Dr.D.S.Chaudhari | MHRDs Innovation cell workshop at AICTE New Delhi                          | TEQIP III  | 30000             |

No file uploaded.



6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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) |
|-------------------|--|---|------------|------------|---|---|
| 2020              | BLOOMS TAXONOMY AND OUTCOME BASED EDUCATION                                  | Nil   | 19/05/2020 | 21/05/2020 | 10                                      | Nil   |
| 2019              | Training on Biomedical   | Nil   | 05/08/2019 | 08/08/2019 | 9                                       | Nil   |
| 2019              | STTP on Capacity Enhancement Training Program for Faculty Staff              | Nil   | 20/07/2019 | 25/07/2019 | 8                                       | 12  |
| 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 |
|---|---------------------------------|------------|------------|----------|
| Professional Development Training at IIM Vishakhapatnam | 1                               | 02/03/2020 | 06/03/2020 | 5        |
| Professional Development Training at IIM Kashipur       | 2                               | 23/09/2019 | 27/09/2019 | 5        |
| Professional Development Training at IIM Kashipur       | 1                               | 24/06/2019 | 28/06/2019 | 4        |
| Professional Development Training at IIM Trichy         | 2                               | 26/08/2019 | 30/08/2019 | 4        |
| Professional Development Training at IIM                | 2                               | 04/11/2019 | 06/11/2019 | 3        |



Trichy

No file uploaded.

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

| Teaching                           |           | Non-teaching |           |
|------------------------------------|-----------|--------------|-----------|
| Permanent                          | Full Time | Permanent    | Full Time |
| No Data Entered/Not Applicable !!! |           |              |           |

6.3.5 – Welfare schemes for

| Teaching                      | Non-teaching                  | Students                      |
|-------------------------------|-------------------------------|-------------------------------|
| As per State Government Norms | As per State Government Norms | As per State Government Norms |

### 6.4 – Financial Management and Resource Mobilization

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

Yes, for Institute account Audit is conducted every financial year. For financial year 2019-20 audit is completed on 8 Nov 2020 by CA. Internal audit for TEQIP III office is conducted by firm Agarwal and Dhandania

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 |
|--|-------------------------------|---------|
| No Data Entered/Not Applicable !!!                       |                               |         |
| No file uploaded.  |                               |         |

6.4.3 – Total corpus fund generated

80000

### 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       | Yes      | External Experts from Govt and Aided Institutes | No       | Nill      |
| Administrative | No       | Nill  | No       | Nill      |

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

Parent - Teacher Association is not in existence

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

- Training on Developing Positive Attitude towards institutional work at Walvan Village Resorts, Lonawala, Pune for non teaching staff
- Workshop on Skill Development Programme for non-teaching staff.
- Workshop on Knowledge Management in digital environment at Karad
- STTP on Developing basic competencies in Laboratory at GCOE, Karad
- STTP on Capacity Enhancement Training Program for Faculty Staff.

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

• Curriculum: Curriculum has been revised as per model curriculum of AICTE. • Academic: Students as well as faculty members are encouraged for SWAYAM courses and financial assistance is provided under TEQIP. • Research: Five state of the art research labs are established and recognised by KBC North Maharashtra University, Jalgaon. • Financial assistance is provided for student training, industrial visits, internship etc.

#### 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      | Yes |

#### 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 |
| Program on Legal Act for women | 04/12/2019  | 04/12/2019 | 100                    | 55   |

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   |
|---|
| <p>• There is 50 percent reduction in lighting load main building as all tube lights in the main building have been replaced with LED tube lights of 20 W. Street lights in the campus are also replaced by LED street lights of 40 W for energy conservation. • The institute is planning to install solar rooftop power plant under RESCO mode through Maharashtra Energy Development Agency (MEDA). Comprehensive Energy Audit of entire campus by certified Energy Auditor is also under process.</p> |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities     | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Ramp/Rails          | Yes    | 5                       |
| Physical facilities | Yes    | 5                       |

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 |            |   |               |   |     |
| 2020              | 1                 | 1                             | 19/01/2020 | 1 | Industry meet | Employability of students, Student Internship and Placement | 200 |
| No file uploaded. |                   |                               |            |   |               |   |     |

#### 7.1.5 – Human Values and Professional Ethics

| Title   | Date of publication | Follow up(max 100 words)   |
|---|---------------------|--|
| Code of Ethics to check malpractices and plagiarism in Research | 14/10/2019          | All the M Tech and Ph D thesis and research publications are checked for the plagiarism. |

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity                           | Duration From | Duration To | Number of participants |
|------------------------------------|---------------|-------------|------------------------|
| No Data Entered/Not Applicable !!! |               |             |                        |
| No file uploaded.                  |               |             |                        |

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

1) All 40W fluorescent tube lights in the administrative building have been replaced by 20W LED tube lights. 2) About 50 street lights in campus have been replaced by efficient LED street lights. 3) Institute is planning to install roof top solar PV plant under RESCO mode through Maharashtra Energy Development Agency. 4) Solar Water heaters have been installed new minority hostel for girls. 5) Most of exam and administrative work is done digitally so papers are saved.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**BEST PRACTICE I:** 1. Title: Faculty Development Schemes. 2. Objective of the Practice: The objective of the practice is to motivate the faculty members to do research, organize and attend conferences, workshops, seminars and synopsis to get to know emerging technology trends and also to update their domain knowledge. 3. The Context of the Practice: For effective teaching as well as research engagements, faculty members are expected to have holistic idea of their area of specialization. To accomplish this, they require exposure to various inter-faculty interactions taking place via conferences, workshops, seminars, symposia etc. This situation is addressed by introducing various faculty development schemes. 4. The Practice: Research and Development Committee of the institution promotes and facilitates research undertakings of the faculty members. The faculty members are sponsored by the institute to attend the national / international conferences. To encourage quality research work by faculty members, various monetary incentives are in place. If the paper gets published in Scopus indexed journals, faculty gets reward of Cocurricular activity - all activity data are synch through MIS Rs.5000/-. If the faculty member receives grant from funding agencies, then 5 of the grant amount is rewarded to the faculty member by the institute. Faculty members pursuing Ph. D. programs are provided with two years of fully paid study leave from the

institute. 5. Evidence of Success: Enhancement in the number of faculty members registering for Ph.D. programs Enhancement in the number of quality publications by faculty members Increase in the number of workshops, seminars attended by the faculty members Increase in the number of faculty members implementing best pedagogic practices. 6. Problems encountered and resources required: Workload of the faculty members availing Ph. D. study leave is required to be allocated to faculty members. Fund allocation is required for supporting research activities and Ph. D. programs. BEST PRACTICE II: 1. Title of the Practice: - ACADEMIC AUDIT 2. Objective of the Practice: To ensure every faculty member is performing well in academic activities. To give feedback to faculty members on areas which need improvement? To monitor the success of course outcomes and program objectives. To monitor the overall academic performance of students including co-curricular and extracurricular activities.

Intended Outcome Students are trained well in academics. Quality of teaching-learning process improves. Problems related to teaching-learning are brought to the notice of decision makers for solutions. Underlying Principles / Concepts of this practice. Work culture and output improve when there is monitoring. Best Practices of other Institutions are brought into RSET through the suggestions given through Auditing processes. Through continuous development, the quality of the institution is improved. 3. The Context of Practice: Educational institutions around the globe are growing at a rapid rate. Educational providers from overseas are interacting with institutions in India. The academic audit helps the institution to improve quality in educational programs. Challenging issues in designing and implementing Audits: More number of auditors are required be appointed for verifying the files of each department. 4. The Practice Academic Audit is conducted at the end of every semester: Page Auditing team is formed to audit these files and give their feedback to faculty, HOD and the Principle. External academic experts are invited if required to audit the files to maintain standards. As soon as one audit is completed, the suggestions for improvement are to be implemented to achieve the desired results. The documents in course files are to be arranged in order and checklists are to be provided to check whether all required documents are filed. Faculty members are to be motivated to receive the feedback from the auditor with a open mind and to improve his/her teaching/ research skills. Every faculty member maintains course files for the theory as well as Laboratory subjects. 4. Constraints and Limitations : As the institution is affiliated to university, certain recommendations given by the auditors has a practical constraint while implementing 5. Evidence of Success : The Evidence for success is seen in the feedback received through subsequent audit reports.

Some of their comments are given below: The audit system has improved the performance of the faculty members and teaching quality and their integrity. Significant improvement in teaching -learning process especially with regard to course content delivered and usage of teaching aids. Improvement in the ability of the faculty to identify the gaps in syllabus and to deliver the contents beyond syllabus. Enhancement in the usage of e-learning facilities and resources. Overall performance of the students in their written exam is satisfactory which exhibits the effective and innovative teaching methodology of the faculty. With regard to the preparation of assignments, the students have excelled in their creative skills. 6. Problems Encountered and Resources Required: The auditing process is usually scheduled during end semesters wherein practical difficulties in smooth conduct of auditing may be affected by the absence of faculty in campus as they may be engaged in other academic activities like valuation, NSS, Club activities etc . For department with more number of batches the auditing and arriving at proper consensus may be difficult for an individual course. Common course subjects like first year papers, Mathematics, the auditing and arriving at proper consensus may be difficult.

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

<https://gcoej.ac.in/?page=NzQ=#parentVerticalTab3>

### 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

the vision of the institute is Globally accepted Engineers with Human Skills. This institute strives hard for academics as well as for co-curricular and extra-curricular activities. For that, students have to take participation in these activities and they earn credits for that. Students are sharpened with various social activities and ethical aspects. Techno-Vision and Techno-Arena are the programs based on technical knowledge are organised. Abhivyakti is the national level cultural program. The gymkhana organises all these activities and celebrates birth anniversaries and death anniversaries of great Indian personalities. The oath is taken by everybody on National Water day. Gymkhana organises tree plantation program on 1st July of every year at the beginning of the monsoon season. This way, this institute makes students more and more educated in technical field as well as are made socially aware.

Provide the weblink of the institution

<https://gcoej.ac.in/?page=NzQ=#parentVerticalTab3>

### 8.Future Plans of Actions for Next Academic Year

1. The college is planning to promote research culture through organization of Inter-national conference, research methodology workshops such as statistical analysis, IPR, research publication etc. and establishing research incubation centre.
2. To strengthen academic and administrative setup such as continuing autonomy
3. Planning is also to revise the existing feedback system for teachers
4. College planned to strengthen the academia -industry relations and implement the
5. Entrepreneurship development program in association with District Industry Centre
6. To enhance employability and placement of students in core industry by organizing soft skill, industrial visits, internship, etc.