



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

|  |   |
|--|---|
| <b>1.Name of the Institution</b>                     | <b>Kings College of Engineering</b>                                 |
| • Name of the Head of the institution                | <b>Dr.J.Arputha Vijaya Selvi</b>                                    |
| • Designation  | <b>Principal</b>  |
| • Does the institution function from its own campus? | <b>Yes</b>  |
| • Phone no./Alternate phone no.                      | <b>8248822406</b>   |
| • Mobile no  | <b>9442590002</b>   |
| • Registered e-mail                                  | <b>principal@kingsengg.edu.in</b>                                   |
| • Alternate e-mail                                   | <b>contact@kingsengg.edu.in</b>                                     |
| • Address  | <b>Kings College of Engineering,<br/>Punalkulam, Gandarvakottai</b> |
| • City/Town  | <b>Pudukottai</b>   |
| • State/UT   | <b>Tamilnadu</b>  |
| • Pin Code   | <b>613303</b>   |
| <b>2.Institutional status</b>                        |   |
| • Affiliated /Constituent                            | <b>Affiliated</b>   |
| • Type of Institution                                | <b>Co-education</b>   |
| • Location   | <b>Rural</b>  |

- Financial Status **Self-financing**
- Name of the Affiliating University **Anna University**
- Name of the IQAC Coordinator **K.Abhirami**
- Phone No. **9841013972**
- Alternate phone No. **9442590003**
- Mobile **9994009464**
- IQAC e-mail address **iqac@kingsengg.edu.in**
- Alternate Email address **abhirami.cse@kingsengg.edu.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))**

[https://kingsengg.edu.in/IOAC\\_File/KCE\\_AQAR\\_19\\_20.pdf](https://kingsengg.edu.in/IOAC_File/KCE_AQAR_19_20.pdf)

**4. Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

[https://kingsengg.edu.in/events\\_report/Academic\\_Calendar/21-22%20Odd-Academic%20Calendar%20-%202021-22%20\(ODD\).pdf](https://kingsengg.edu.in/events_report/Academic_Calendar/21-22%20Odd-Academic%20Calendar%20-%202021-22%20(ODD).pdf)

**5. Accreditation Details**

| Cycle          | Grade      | CGPA        | Year of Accreditation | Validity from     | Validity to       |
|----------------|------------|-------------|-----------------------|-------------------|-------------------|
| <b>Cycle 1</b> | <b>B</b>   | <b>2.27</b> | <b>2016</b>           | <b>19/09/2016</b> | <b>15/09/2021</b> |
| <b>Cycle 2</b> | <b>B++</b> | <b>2.78</b> | <b>2022</b>           | <b>22/11/2022</b> | <b>17/11/2027</b> |

**6. Date of Establishment of IQAC**

**22/01/2015**

**7. Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

| Institutional/Department /Faculty | Scheme                                   | Funding Agency | Year of award with duration | Amount |
|-----------------------------------|--|----------------|-----------------------------|--------|
| Dr.R.Arulraj /EEE                 | TNSCST State Level Student Project Award | TNSCST         | 2022                        | 7500   |
| Mr.S.Desikan /Mechanical          | TNSCST State Level Student Project Award | TNSCST         | 2022                        | 7500   |
| Ms.R.Buvaneshwari/Civil           | TNSCST State Level Student Project Award | TNSCST         | 2022                        | 7500   |

**8.Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year** **6**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?** **No**

- If yes, mention the amount

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

Established Institutional Membership with ICT Academy an initiative of the Government of India in collaboration with the state government and industries, Coordinated various staff and student enrichment activities

Academic Partner of IIT Bombay Spoken Tutorial, a part of the National Mission on Education through ICT, MoE, Govt. of India, to spread IT Literacy all over India. Through this institute promotes the learning and usage of Free & Open Source Software (FOSS), through an Audio-Video teaching tool, viz, 'Spoken Tutorial'.

Staff members encouraged to undergo STTP, FDP programmes organized by NITTTR, ATAL through which staff members are able to expand expertise and keep updated

Innovation promotion through participation in TNSCST student project contest, IEEE student project contest, Smart India Hackathon events and bagged awards

Promotion of SWAYAM /NPTEL course among Staff and Students. Increase in SWAYAM course completion by students

Institute applied for NAAC accreditation (Cycle-2) and received B++ grade

**12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

| Plan of Action  | Achievements/Outcomes   |
|---|---|
| To acquire accreditation from NAAC, NBA                                 | NAAC Cycle-2 Accreditation with B++ grade. NBA preparatory works in progress  |
| To strengthen Academic Collaborations & Linkages                        | Linkages/MoU with 8 new industries, Academic interaction with NITT experts by all departments, Academic Alliance with ICT Academy, IITB, KIT-Cambodia   |
| To strengthen student skill enrichment initiatives                      | Promotion of MOOC courses-523 SWAYAM course completion, T&P training sessions through industry experts, Clubs -14 activities and Professional Society -23 activities, FOSS certification courses-28 |
| To Promote ICT in Teaching Learning Process                             | Lecture Video session by KCE faculty members posted at KINGS youtube channel. Virtual lab & NPTEL sessions by all departments   |
| To promote research and development activities among staff and students | Increase in student and staff publication efforts,  |

**13. Whether the AQAR was placed before statutory body?** Yes

- Name of the statutory body

| Name                  | Date of meeting(s) |
|-----------------------|--------------------|
| Staff Council Meeting | 04/05/2023         |

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

|  |   |
|--|---|
| <b>1.Name of the Institution</b>                     | <b>Kings College of Engineering</b>                                 |
| • Name of the Head of the institution                | <b>Dr.J.Arputha Vijaya Selvi</b>                                    |
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| • Financial Status                                   | <b>Self-financing</b>   |
| • Name of the Affiliating University                 | <b>Anna University</b>  |
| • Name of the IQAC Coordinator                       | <b>K.Abhirami</b>   |
| • Phone No.  | <b>9841013972</b>   |

| • Alternate phone No.   | 9442590003  |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
|---|---|-------|-----------------------|---------------|-----------------------|---------------|-------------|---------|---|------|------|------------|------------|---------|-----|------|------|------------|------------|
| • Mobile  | 9994009464  |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| • IQAC e-mail address   | iqac@kingsengg.edu.in   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| • Alternate Email address   | abhirami.cse@kingsengg.edu.in   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>   | <a href="https://kingsengg.edu.in/IQAC_File/KCE_AQAR_19_20.pdf">https://kingsengg.edu.in/IQAC_File/KCE_AQAR_19_20.pdf</a>   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| <b>4.Whether Academic Calendar prepared during the year?</b>  | Yes   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| • if yes, whether it is uploaded in the Institutional website Web link:   | <a href="https://kingsengg.edu.in/events_report/Academic_Calendar/21-22%20Odd-Academic%20Calendar%20-%202021-22%20(ODD).pdf">https://kingsengg.edu.in/events_report/Academic_Calendar/21-22%20Odd-Academic%20Calendar%20-%202021-22%20(ODD).pdf</a> |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| <b>5.Accreditation Details</b>  |   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |
| <table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B</td> <td>2.27</td> <td>2016</td> <td>19/09/2016</td> <td>15/09/2021</td> </tr> <tr> <td>Cycle 2</td> <td>B++</td> <td>2.78</td> <td>2022</td> <td>22/11/2022</td> <td>17/11/2027</td> </tr> </tbody> </table> |   | Cycle | Grade                 | CGPA          | Year of Accreditation | Validity from | Validity to | Cycle 1 | B | 2.27 | 2016 | 19/09/2016 | 15/09/2021 | Cycle 2 | B++ | 2.78 | 2022 | 22/11/2022 | 17/11/2027 |
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|   |   |       |                       |               |                       |               |             |         |   |      |      |            |            |         |     |      |      |            |            |

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|--|---------------------------|
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|--|
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Yes

- Name of the statutory body

| Name                  | Date of meeting(s) |
|-----------------------|--------------------|
| Staff Council Meeting | 04/05/2023         |

**14. Whether institutional data submitted to AISHE**

| Year      | Date of Submission |
|-----------|--------------------|
| 2021-2022 | 07/06/2023         |

**15. Multidisciplinary / interdisciplinary**

Departments encourage students to undergo interdisciplinary project works (major / minor) . Interdisciplinary knowledge and application of different disciplines can lead to greater creativity. Student teams work together to create a powerful learning experience and emphasize integrative learning, critical thinking, and creative problem-solving. Innovative project works are promoted to participate in various national/ state level project contests/ awards. Open Elective courses offered during III year onwards gives interdisciplinary skills/knowledge among students.

#### **16.Academic bank of credits (ABC):**

Institute instructs students to accumulate credits of learning experiences through ABC portal, Ministry of Education, Government of India. Guidelines and directions are provided to students to get seamless integration of credits and experience into the credit based system

#### **17.Skill development:**

In addition to regular courses, Institute takes systematic efforts to enhance overall development of the students. Slots for skill development in terms of Value addition initiatives are included at regular time-table. Workshop, refresher courses on latest trends and technologies are organized. Training on softskill, aptitude are offered to widen campus placement opportunities. Industrial experts are also invited to impart technical training sessions.

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

To promote Indian language and culture, student clubs are functioning with annual plan of action. Muthamizh mandram, Fine-Arts-Association (FAA) organizes various programmes promoting Tamil language skills and cultural skills respectively.

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

Institute has set Vision, Mission that guides the policies and strategies of academic matters. Departments have set department level vision, mission in adherence to institute vision and mission. Programme level Programme Educational Objective, Programme Outcome, Programme Specific Outcomes as set by the University is followed. Institute adopts to student-centered learning strategy that *focuses on measuring student performances through outcome attainment in terms of skill, knowledge,*

*attitude. Teaching-Learning-Assessment practices includes components that focuses of these three attributes. Student and staff members are given appropriate clarity about PEO, PO, PSO. Periodical sessions are arranged about OBE. Experts from NIT and other institutes are invited to strenthen and audit the attainment levels. Learning materials (Course plan, Question bank), Assessment Question papers includes components on outcome attainment. Target is set for courses and outcome attainment is measured after end-semester results. In addition to direct assessment tools, indirect assessments are also made. Reports are analyzed and reviewed. Suitable follow-up actions are also taken.*

## **20.Distance education/online education:**

ICT based learning is encouraged by course incharges through various student centric learning activities. Course in-charges prepare and record videos for planned topics for their courses. Lecture videos are posted at institute youtube channel for the benefit of students. SWAYAM/NPTEL courses are mandated for II, III and IV year students. Students will complete the course and interested students appear for exam and get certified. Other students complete the course and course progression status is tracked. Other MOOCs are also promoted among student community. In Association with IITB, Free Open Source Software course certifications through Spoken-Tutorial scheme are mandated for II, III and IV year students.

## **Extended Profile**

### **1.Programme**

1.1 335

Number of courses offered by the institution across all programs during the year

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

### **2.Student**

2.1 814

Number of students during the year

| File Description                        | Documents                 |
|---|---------------------------|
| Institutional Data in Prescribed Format | <a href="#">View File</a> |

2.2

290

Number of seats earmarked for reserved category as per GOI/  
State Govt. rule during the year

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

2.3

186

Number of outgoing/ final year students during the year

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

### 3.Academic

3.1

110

Number of full time teachers during the year

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

3.2

108

Number of sanctioned posts during the year

| <b>Extended Profile</b>   |                           |
|---|---------------------------|
| <b>1.Programme</b>  |                           |
| 1.1<br>Number of courses offered by the institution across all programs during the year             | <b>335</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| <b>2.Student</b>  |                           |
| 2.1<br>Number of students during the year   | <b>814</b>                |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| 2.2<br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | <b>290</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| 2.3<br>Number of outgoing/ final year students during the year                                      | <b>186</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| <b>3.Academic</b>   |                           |
| 3.1<br>Number of full time teachers during the year   | <b>110</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |

| 3.2   | 108                       |
|---|---------------------------|
| Number of sanctioned posts during the year                        |                           |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| <b>4.Institution</b>  |                           |
| 4.1   | 49                        |
| Total number of Classrooms and Seminar halls                      |                           |
| 4.2   | 105.93                    |
| Total expenditure excluding salary during the year (INR in lakhs) |                           |
| 4.3   | 580                       |
| Total number of computers on campus for academic purposes         |                           |

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Devised procedures initiating from scheduling of Curriculum delivery, Assessment, Evaluation, Enrichment programme supported by enhanced approaches of Teaching & Learning Process, ably verified through Academic Audits & Feedback contributes to the effective curriculum delivery and transaction.

- Staff council meeting examines and confirms the operational strategies to be followed. Minutes of SCM is disseminated during DRM. Time-Table committee derives schedule for courses in adherence to the credits and institutional value addition hours.
- HODs verify academic flow of the courses periodically. Interactive class room practices pave way for active student learning. Planning and preparatory works are carried out well ahead to semester commencement includes: subject allocation based on competency & willingness, time-table preparation, course plan that serves as the complete

layout for the course delivery, preparation of learning materials, curriculum enrichment initiatives, Orientation and Bridge course etc.

- With reference to Anna University Academic Schedule and Web Portal Entry period, Academic Calendar is prepared and circulated before commencement of every semester.
- Course plan structure entitles flow for the course (both theory and lab), ensures an organized delivery and assessment.
- State of the art Infra-structural facilities effectively supplements and motivates enhanced learning environment

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Link for Additional information     | Nil                       |

#### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- With reference to Anna University Academic Schedule and Web Portal Entry period, Academic Calendar is prepared and approved during SCM before commencement of every semester.
- Academic Calendar serves as an information source and aids the planning of Student, Faculty and Departments. To ensure effective curriculum delivery, Institution follows a systematic procedure giving weightage to academic improvement while equally insisting on the overall development of students.
- Academic calendar includes timeline for curriculum delivery, periodical internal assessment schedule, curriculum enrichment programmes, Academic Audit, feedback and other activities. Academic calendar is circulated to departments during every semester and is posted at institution's website and all department notice boards for reference.
- In addition, it also includes schedule for Institutional practices / activities viz., Class test, Week test, Assessment Q.Paper submission, Answer script submission, Class committee meeting, Professional society activities, Extension activities, Seminar/Workshop/Guest Lecture, DRC meeting, IQAC meeting, College Day, Sports Day, Revision classes, Counseling sessions, Audits etc., Functioning of the Centralized Examination Cell and the procedures



adapted for the conduct of assessment and evaluation ensures rigor and transparency in the process. Students are given suitable suggestions for improvements.

- All the students are familiarized about the transparency in internal assessment. Each course evaluation gains 20 marks through internal assessments and 80 marks from end semester examination.
- Marks secured in internal assessments are entered at KINGS ERP by faculty members. Reports are generated at Exam cell and entry at AU web portal is made using this centrally.

| File Description                    | Documents   |
|-------------------------------------|---|
| Upload relevant supporting document | <a href="#">View File</a>   |
| Link for Additional information     | <a href="https://kingsengg.edu.in/Management Files /KCE Calendar.html">https://kingsengg.edu.in/Management Files /KCE Calendar.html</a> |

### 1.1.3 - Teachers of the Institution

participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

| File Description   | Documents                 |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

## 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

14

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                              | No File Uploaded          |
| Minutes of relevant Academic Council/ BOS meetings      | No File Uploaded          |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

53

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Brochure or any other document relating to Add on /Certificate programs | <a href="#">View File</a> |
| List of Add on /Certificate programs (Data Template )                   | <a href="#">View File</a> |

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2762

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | <a href="#">View File</a> |

## 1.3 - Curriculum Enrichment

### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Equal opportunities are given to both the genders in all activities and routines at the institution. Institutional practices encourages women faculty and students to become member in clubs / societies and responsibilities are vested equal

towards exhibiting potential. Periodical awareness programmes, counseling and motivations are provided to girl students to help them excel and unveil their talents. Women's Cell, POSH Cell empowers female faculty and students through various programmes and initiatives. Women's day is celebrated with vigor in the institution campus. Girls and boys participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions and technical quiz programmes. Sensitizing students to contribute towards Environmental and sustainability series of programmes are organized by NSS, NCC, Eco Club. Various camps, awareness sessions, Tree plantation programmes are organized periodically. Student Change Club imparts values through oath during SCC meet. Competitions are also organized periodically. Events are also organized during National, International Commemorative days with values on nature. Students are also encouraged to undergo project works with solutions to environmental issues. Various programmes to inculcate human values among students are organized periodically. Blood Donation Camps are regularly organized. NCC, NSS volunteers are sent for disaster management exhibiting societal responsibilities. NSS units regularly organizes social and cultural activities internal and at neighbouring villages. Professional ethics and values are inculcated regularly through staff-student interactions, regular habitual. Curriculum includes courses on professional ethics and values

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | <a href="#">View File</a> |

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

29

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| Programme / Curriculum/ Syllabus of the courses  | <a href="#">View File</a> |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded          |
| MoU's with relevant organizations for these courses, if any                                  | No File Uploaded          |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |

### 1.3.3 - Number of students undertaking project work/field work/ internships

591

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | <a href="#">View File</a> |

## 1.4 - Feedback System

### 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

| File Description  | Documents   |
|---|---|
| URL for stakeholder feedback report   | <a href="https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf">https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf</a> |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <a href="#">View File</a>   |
| Any additional information  | <a href="#">View File</a>   |

### 1.4.2 - Feedback process of the Institution may be classified as follows

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| URL for feedback report           | <a href="https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf">https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf</a> |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

228

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

290

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | <a href="#">View File</a> |
| Number of seats filled against seats reserved (Data Template) | <a href="#">View File</a> |

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- **Governing the Institutional Policies in offering quality technical education to the aspirants, all our strategies are aligned to improve Learner centric educational system**

supporting professional competency building among students.

- Entry level analysis during student induction, Orientation programme and Bridge courses as applicable are organized.
- Continuous Internal Assessments, Classroom & Laboratory interactions, Class Committee meeting interactions, University results helps in identifying advanced learners and their needs.
- Advanced learners are motivated to raise their standards and opportunities are provided to enrich their potential.
- Students are motivated for securing University ranks. Suitable guidance is given at all stages by faculty members. University rank holders are awarded with cash prize (upto 1 lakh) during Induction day.
- Advanced learners are facilitated with state of the art facilities in terms of well equipped library provided with latest edition of Books, E-Books, Online journals, DVDs.
- Encouragement to participate in National & International Conferences. Instilling research orientation, Mini Project works, Project Based Assignments, In-House Project works are recommended to encourage their potential exposure. Coaching classes to support student participation in GATE and other competitive exams are scheduled in regular Time-Tab

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 774                | 110                |

| File Description           | Documents        |
|----------------------------|------------------|
| Any additional information | No File Uploaded |

## 2.3 - Teaching- Learning Process

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

Teaching-Learning practices of the institute engages students into the process. Incorporating students' interests and skills into the learning process, various activities are systematically practiced.

#### Experiential learning

Internships, Industrial visits, Field visits, In-House training activities are done periodically to widen knowledge & skills. Inculcating field experience / industrial experiences, internships programme is mandated to all students. As a part of final year project work, domain specific industrial training is also mandated.

#### Participative learning

Experts from industry, academia are invited regularly for workshops as resource persons imparting practical exposure on recent trends. Students are also encouraged to participate in technical events, competitions organized by department clubs, student association, professional societies. Students undergo Mini-project works, In-House project works to expand their technical skills.

#### Professional and Career Enhancement (PCE) practices

To complement curriculum based course learning, PCE activities are mandated for all courses. Students participate in PCE activity as a part of internal evaluation for courses. To augment knowledge / skill/ attitude gaining process for courses, students will participate in PCE activities.

#### Problem solving methodologies

Instructional strategies for Problem based courses give prime focus to student involvement in solving exercises regularly. Students are motivated to solve exercise problems in classrooms and home assignments are also practiced.

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| Link for additional information   | Nil                       |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Motivating student learning, engaging learner in the process and helping student achieve the intended learning outcome, ICT tools demonstrate the effectiveness of Teaching-Learning. Diverse set of ICT tools are used to create, communicate, store and manage learning resources.

Smart classrooms facilitates blended teaching and learning, provides better understanding of concepts. Smart classrooms improves visualization, creativity and better in-classroom experience. Google classroom platform supports sharing of resources by faculty, assign classroom activities for tudents, evaluate submissions in a easier manner.

PCE activities are conducted through GCR platform. ematerials, e-books are shared through Google classroom. Lecture videos for courses are streamed through KCE Youtube channel. Online programmes inviting external experts are also streamed through college youtube channel.

Students view the videos in a selfpaced manner. Virtual lab sessions are organized to provide remote access to simulation based labs in various disciplines of engineering. NPTEL sessions on chosen topics for courses provide enhanced learning opportunities and certification for courses. Powerpoint based presentations are part of regular teaching-learning session. Hot potatoes are used to create interactive MCQs, crossword, matching/ordering, gap-filling exercises. Various other tools like Edmodo, Menimeter, JCross, Testmoz, Edpuzzle are used to create exciting teaching-learning experiences.

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | No File Uploaded          |

**2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )**

**2.3.3.1 - Number of mentors**



71

| File Description   | Documents                 |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | <a href="#">View File</a> |
| Circulars pertaining to assigning mentors to mentees               | <a href="#">View File</a> |
| Mentor/mentee ratio  | <a href="#">View File</a> |

## 2.4 - Teacher Profile and Quality

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

110

| File Description   | Documents                 |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <a href="#">View File</a> |
| Any additional information                                       | No File Uploaded          |
| List of the faculty members authenticated by the Head of HEI     | <a href="#">View File</a> |

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

20

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | <a href="#">View File</a> |

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

### 2.4.3.1 - Total experience of full-time teachers

110

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | <a href="#">View File</a> |

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

During the semester as end semester examinations, internal assessment schedule, seating arrangements, guidelines to students, duty list, squad duty list and guidelines to staff members are informed well in advance. For model exams that comprises of all five units, two question paper sets are framed by the subject handling staff.

Department IQAC member evaluates the quality of the question papers and checks the Blooms Taxonomy levels. Subsequently, the question papers are verified by the Head of the Department for any discrepancies. Finally, the approved copy is mailed to the Head of the Institution, during online exams and submitted at the exam cell during Offline exams.

Internal assessment is highly transparent ensuring that the attendance sheets of internal exams are signed by each student in person. Absentees report is prepared after completion of every internal assessment and the defaulters details are informed to the concerned department HoDs for necessary follow up action. Thus by adopting to the regulations and guidelines of the affiliating university, the examination mechanism of internal assessment is transparent and robust in terms of frequency and mode.

| File Description                | Documents        |
|---------------------------------|------------------|
| Any additional information      | No File Uploaded |
| Link for additional information | Nil              |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The examination cell is headed by CCE (Chief Coordinator of Examinations), assisted by Deputy CEs and exam cell coordinators from each department for effective coordination with department staff members.

Schedules and guidelines regarding internal assessments are posted in college website, displayed in department notice boards and shared through respective whatsapp group well in advance to all the students.

The internal examination answer scripts are evaluated by the course handling faculty within three working days from the date of examination at a centralized valuation centre.

If the student is not convinced with their end semester examination results, there is a provision for students to apply for photocopy of their answer script in a theory course. If a student is not satisfied with the revaluation result can apply for review of his / her answer script in a theory course, through the Head of the institution.

With the approval from the Head of the institution, any grievances raised by the students with regard to end semester examinations are addressed to the Controller of examinations Anna University and with close coordination with Zonal office, the issues are solved at the earliest.

| File Description                | Documents                 |
|---------------------------------|---------------------------|
| Any additional information      | <a href="#">View File</a> |
| Link for additional information | Nil                       |

## 2.6 - Student Performance and Learning Outcomes

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

**Program Outcomes (POs):** It represent the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering programme.

**Course Outcomes (COs):** It gives the resultant knowledge and skills the student acquires at the end of each course.

**Program Specific Outcomes (PSOs ):** These are statements that defines outcomes of a programme which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

Being affiliated institute, Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course outcomes (CO) as stated in the curriculum by the University are incorporated into educational strategies.

Vision, Mission, PEO, PSO, PO and COs are available in the Institute website ([www.kingsengg.edu.in](http://www.kingsengg.edu.in)) and at prominent location of the campus.

Vision and Mission of Institute and department are posted at department office and laboratories and communicated to the parents during Induction Day, Parents Teachers Meeting. Course Outcomes (COs) are reviewed during Department Review Meeting (DRM).

Course in-charges elaborate on COs, attainment of COs to learners during semester commencement. Course Assessment Plan, Course Outcome Alignment Matrix, Assessment Paper Quality Matrix are included at Question bank for student reference.

| File Description  | Documents   |
|---|---|
| Upload any additional information                       | No File Uploaded  |
| Paste link for Additional information                   | <a href="https://kingsengg.edu.in/IQAC_File/C2/2.6.1%20co%20po%20mapping.pdf">https://kingsengg.edu.in/IQAC_File/C2/2.6.1%20co%20po%20mapping.pdf</a> |
| Upload COs for all Programmes (exemplars from Glossary) | <a href="#">View File</a>   |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Course outcome attainment is measured through student performance in Continuous Internal Assessment tests, Assignments, PCE (Professional and Career Enhancement) activities, End-semester examination.

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials and laboratory exercises, and projects/assignments. In addition to three Continuous assessment Tests (CAT), weekly tests, class tests are also conducted to identify students progression.

Coursewise student performance is examined, analyzed and followup actions are taken towards improvement. End-semester examination results and CAT performance based course outcome attainment, PO attainment, PSO, PEO attainment are analyzed, reviewed.

The process of attainment of COs, POs and PSOs starts from writing appropriate COs for each course in the four-year engineering degree program. Course in-charges strive to help students to achieve intended course outcomes through appropriate teaching-learning-assessment strategies.

Correlation is set between COs and POs and COs and PSOs on the scale of 1 to 3, 1 being the low correlation, 2 being medium correlation and 3 being high correlation. Thus, mapping matrix of COs - POs and COs - PSOs are prepared for all the courses and finally these matrices are merged to form a Program level CO-PO Matrix and CO - PSO Matrix.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for Additional information | Nil                       |

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

154

| File Description   | Documents                 |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |
| Paste link for the annual report   | Nil                       |

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

[https://kingsengg.edu.in/IOAC\\_File/AOAR%2021-22/21-22-Files/2.7.1EXITSURVEY.pdf](https://kingsengg.edu.in/IOAC_File/AOAR%2021-22/21-22-Files/2.7.1EXITSURVEY.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

0.325

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| e-copies of the grant award letters for sponsored research projects /endowments | <a href="#">View File</a> |
| List of endowments / projects with details of grants(Data Template)             | <a href="#">View File</a> |

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

4

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

4

| File Description  | Documents                 |
|---|---------------------------|
| List of research projects and funding details (Data Template) | <a href="#">View File</a> |
| Any additional information                                    | <a href="#">View File</a> |
| Supporting document from Funding Agency                       | No File Uploaded          |
| Paste link to funding agency website                          | Nil                       |

## 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Institute with the objective of promoting creativity, innovation and research culture among students and staff members, provides necessary facilities and support. With the belief of instilling innovation, creativity among young minds and thereby create opportunities to contribute for solving the societal problems, efforts are taken. In this direction, in addition to academics, programmes to enrich students on recent technologies, industrial exposure and training activities, project exhibitions and contests are organized. Institute Innovation Council (IIC) & Entrepreneurship Development Cell (EDC) are functioning to promote innovation and entrepreneurship.

Formation of IIC is as per the guidelines of MHRD and AICTE. Students are encouraged to do project works that address societal problems. Students innovative works are presented at Project Expo and contests organized internally and external

events. Student teams contribute towards various proposals and models that are submitted and presented for events like Smart India Hackathon, Vishwakarma Contest of AICTE, TNSCST Student Project funding schemes, TN Science fair etc.

Institute has established linkages and networks with Industries and Institutes of national importance towards knowledge and skill expansion. Programmes are organized by IIC, EDC and Research cell of the institute imparting skills among students and staff members. Research Centre facility of the institute supports research and development activities.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

170

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information                                     | No File Uploaded          |
| List of workshops/seminars during last 5 years (Data Template) | <a href="#">View File</a> |

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1



| File Description   | Documents                 |
|--|---------------------------|
| URL to the research page on HEI website  | Nil                       |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | No File Uploaded          |
| Any additional information   | <a href="#">View File</a> |

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

27

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| List of research papers by title, author, department, name and year of publication (Data Template) | <a href="#">View File</a> |

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

74

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| List books and chapters edited volumes/ books published (Data Template) | <a href="#">View File</a> |

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

With the educational philosophy of preparing students as responsible citizen, potential engineer with ethics and values,

institute strives to provide its students an environment to learn, experience and excel in multidimensional attributes.

Institution-neighborhood-community network is promoted through the following student clubs / units National Service Scheme (2 units) National Cadet Corps Page 39/103 04-04-2022 04:12:54 Self Study Report of KINGS COLLEGE OF ENGINEERING Youth Red Cross Red Ribbon Club Citizen Consumer Club Eco club Citizen Consumer Club Citizen club Health & Hygiene club Institute motivates students participation to understand the social issues and ethical values through various programmes organized by clubs, wings and societies.

Various extension and outreach activities like blood donation camp, health camps, awareness sessions, rallies, tree sapling were organized for the benefits of the neighborhood community. All students are members of NCC/NSS/YRC/RRC/CCC/Eco Club/ Professional Societies. Dedicated faculty coordinator guides students during camps, awareness programmes, social service activities, etc.

Participation in extension activity is recognized during Republic day and Independence Day celebrations. Contribution to society is also a parameter considered for the King of Kings award, the best outgoing student award.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IQAC_File/AQAR%2021-22/21-22-Files/3.4.3%20-3.4.4-%20EXTENSION%20ACTIVITIES-21-22%20F.pdf">https://kingsengg.edu.in/IQAC_File/AQAR%2021-22/21-22-Files/3.4.3%20-3.4.4-%20EXTENSION%20ACTIVITIES-21-22%20F.pdf</a> |
| Upload any additional information     | No File Uploaded  |

### **3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

#### **3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

0

| File Description   | Documents        |
|--|------------------|
| Any additional information   | No File Uploaded |
| Number of awards for extension activities in last 5 year (Data Template) | No File Uploaded |
| e-copy of the award letters  | No File Uploaded |

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

45

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the event organized   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | <a href="#">View File</a> |

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

840

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | <a href="#">View File</a> |

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

28

| File Description   | Documents                 |
|--|---------------------------|
| e-copies of related Document   | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of Collaborative activities with institutions/industries for research, Faculty | <a href="#">View File</a> |

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

##### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

6

| File Description   | Documents                 |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses  | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | <a href="#">View File</a> |

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

#### Classrooms

Well furnished and equipped classrooms with cross ventilation,

lighting, black board and ICT facilities are available. There are totally 31 classrooms with comfortable furniture and proper spacing between desks.

#### Technology Enabled Learning Spaces

Aesthetically built, acoustically treated and air-conditioned state-of-the-art Audio-Visual Halls with internet facility, is a hub of all intellectual activities. 1.Pallava Hall with seating capacity of 100 to house seminars and workshops. 2.Chera Hall with seating capacity of 300 to house workshops & conferences. 3.AV Hall with seating capacity of 200 to house conferences, workshops, seminars 4.Chozha Hall (Indoor Auditorium) that houses programmes like Induction Day, College Day, Graduation Day with seating capacity of 1500.

#### Seminar Halls

Air-Conditioned Seminar Hall to support Seminar sessions, Guest Lectures, Student Presentations etc. is available.

#### Tutorial Spaces

To Provide structured learning sessions in terms of Tutorials, exclusive spaces are available for each departments. Totally there are 12 tutorial spaces.

#### Laboratories

Institution has established well-equipped laboratories that provides controlled conditions in which experiments are performed. There are totally 67 laboratories and 2 drawing halls.

#### Equipment For Teaching, Learning And Research

Wi-Fi Zone providing, >50Mbps bandwidth, covers the entire campus including hostels. Dedicated internet lab is available.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

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

The Institute has provided adequate resources and infrastructure for Extra-curricular activities. Sports

Qualified & experienced sports instructor train the students on various games regularly. Apart from that, special coach for games like Kabaddi, Basket Ball and Volleyball, are appointed to train the students.

NSS

2 NSS Units with active student volunteers is operating under the guidance of NSS Programme Officer. With Institutional Societal Responsibility, the NSS Unit organizes various programme every year

NCC

NCC Air Force Wing encourages cadets to the nation's aviation activities. Activities are conducted regularly under the direction of NCC Cadet Officer.

Cultural Activities

An enthusiastic Fine Arts Association (FAA) takes care of conducting the competition and staging the cultural activities. Students cultural festivals (Sangamam, Muthamizh Mantram, Teacher's day celebration) are conducted by FAA. Public Speaking Various activities are organized encouraging leadership skills and public speaking abilities among students. Communication Skills Development Soft Skill Training Programme by Internal and External experts are organized periodically.

Yoga

Yoga learning facility is available for students, faculty and other staff. Yoga camps are organized periodically for betterment.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <b>No File Uploaded</b>   |
| Paste link for additional information | <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/108079/4.1.2_1638014976_4939.pdf">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/108079/4.1.2_1638014976_4939.pdf</a> |

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

49

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Paste link for additional information   | <b>Nil</b>                |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <a href="#">View File</a> |

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

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

105.93

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Upload audited utilization statements   | <a href="#">View File</a> |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | <a href="#">View File</a> |

## 4.2 - Library as a Learning Resource

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

Library automation using MTS-Libman software v2.3: Accession of Books, Back Volumes, CDs and DVDs Members Entry, Book Issue and Return process OPAC facility for bibliographical search of books and all reading materials in the library Stock Verification and Auditing of books. Librarian can verify the Most Active And Least Active members Members can verify their transactions and book search. The library has an Institutional Membership with DELNET and British Council Library

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for Additional Information | Nil                       |

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources** **A. Any 4 or more of the above**

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | <a href="#">View File</a> |

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**3.69284**

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| Audited statements of accounts   | No File Uploaded          |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <a href="#">View File</a> |



#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

140

| File Description                                  | Documents        |
|---|------------------|
| Any additional information                        | No File Uploaded |
| Details of library usage by teachers and students | No File Uploaded |

#### 4.3 - IT Infrastructure

##### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

A total number of 507 computers are available for use by faculty and students. All LAN connected systems can gain access to internet facility. Campus is Wi-Fi enabled providing internet connection to portable devices at Wi-Fi zones. KINGS ERP can be accessed off-campus by the faculty members.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | No File Uploaded |
| Paste link for additional information | Nil              |

##### 4.3.2 - Number of Computers

580

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded          |
| List of Computers                 | <a href="#">View File</a> |

##### 4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional Information  | No File Uploaded          |
| Details of available bandwidth of internet connection in the Institution | <a href="#">View File</a> |

#### 4.4 - Maintenance of Campus Infrastructure

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

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

182.60

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Audited statements of accounts  | <a href="#">View File</a> |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | <a href="#">View File</a> |

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

A maintenance register is being kept in the office of the administration block. All complaints and recommendations registered are being checked and processed by the Technical Officer with the approval of the Principal to ensure proper establishments. Periodical maintenance schedule is also followed. Equipment Maintenance Periodically, all the labs and facility of the department are checked for smooth conduct of the laboratory classes. Laboratory in-charge and technical staff ensure functioning of equipments. AMC procedure is also followed for maintenance. Annual stock verification procedures end up with summary on equipments to be maintained / serviced / condemned. Laboratory in-charge under the directions of HoD, ensure completion of the work and the equipments are intact before the semester commences. Mechanism for Maintenance and upkeep of IT infrastructure facilities includes Maintenance of IT and related products are made by vendors during the warranty

period. On Expiry, self service is made by the In-house maintenance team. Machine history register tracks the functionality / service need for the machines. It is addressed immediately by the team. Need based AMC procedure is also followed

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | No File Uploaded |
| Paste link for additional information | Nil              |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

565

| File Description   | Documents                 |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship   | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | <a href="#">View File</a> |

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

275

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional information  | <a href="#">View File</a> |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | <a href="#">View File</a> |

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

| File Description  | Documents   |
|---|---|
| Link to Institutional website   | <a href="https://www.kingsengg.edu.in/IOAC_File/AOAR%2021-22/21-22-Files/5.1.3%20Capacity%20Building%20and%20skill%20enhancement.pdf">https://www.kingsengg.edu.in/IOAC_File/AOAR%2021-22/21-22-Files/5.1.3%20Capacity%20Building%20and%20skill%20enhancement.pdf</a> |
| Any additional information  | <a href="#">View File</a>   |
| Details of capability building and skills enhancement initiatives (Data Template) | <b>No File Uploaded</b>   |

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**879**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**879**

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

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

## 5.2 - Student Progression

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

133

| File Description   | Documents                 |
|--|---------------------------|
| Self-attested list of students placed                        | <a href="#">View File</a> |
| Upload any additional information                            | No File Uploaded          |
| Details of student placement during the year (Data Template) | <a href="#">View File</a> |

**5.2.2 - Number of students progressing to higher education during the year**

**5.2.2.1 - Number of outgoing student progression to higher education**

3

| File Description                                   | Documents                 |
|--|---------------------------|
| Upload supporting data for student/alumni          | <a href="#">View File</a> |
| Any additional information                         | No File Uploaded          |
| Details of student progression to higher education | <a href="#">View File</a> |

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

0

| File Description   | Documents                 |
|--|---------------------------|
| Upload supporting data for the same  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | <a href="#">View File</a> |

**5.3 - Student Participation and Activities**

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

0

| File Description   | Documents        |
|--|------------------|
| e-copies of award letters and certificates   | No File Uploaded |
| Any additional information   | No File Uploaded |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | No File Uploaded |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

Institute has various academic and administrative bodies that have student representatives on them. This representation helps them for their overall development and gives valuable inputs for institutional growth. These bodies create more avenues for students to develop technical skill, updating knowledge, personality developments and to serve the society. Staff advisers guide students for the smooth functioning of these bodies. Academic and administrative committees formed are: 1. Class Committee 2. Red Ribbon Club 3. Anti Ragging Committee 4. Student CHANGE Club 5. Student Quality Circle 6. Eco Club 7. Transport Committee 8. Fine Arts Association 9. Citizen Consumer Club 10. Library Committee 11. Department Associations 12. Placement Committee 13. Hostel Committee 14. Women's Cell 15. Quality Circle Professional Societies 1. Indian Society for Technical Education (ISTE) 2. The Institution of Engineers (IE(I)) 3. Institute of Electrical and Electronics Engineers (IEEE)

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/5.3.2%20Student%20Representatives.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/5.3.2%20Student%20Representatives.pdf</a> |
| Upload any additional information     | No File Uploaded  |

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

814

| File Description   | Documents        |
|--|------------------|
| Report of the event  | No File Uploaded |
| Upload any additional information  | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | No File Uploaded |

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The KINGS Alumni Association aims to connect the alumni to the institution, develop synergistic plans to support the institution and achieve its vision by adding value to all its stakeholders. Our Alumni association is registered under the Tamil Nadu Societies Registration Act, 1975 (Tamilnadu Act 27 of 1975) in the name of "Kings Munnaal Manavargal Sangam " on 19th November, 2007. Alumni association interacts and networks with KCE alumnus and promote the interests of the institute.

**Financial Contribution:** The alumni association supports the activities by extending financial support to the students as well as the Institution. From the contribution of alumni, a significant amount of money was spent towards welfare of KCE students and academic initiatives.

**Non-Financial Contribution:** It also serves as a forum for the alumni for sharing industrial experiences and exchange of ideas on academic, cultural and social issues of the day through the alumni lecture series being conducted by various departments at regular intervals. 61 interactions were held in various departments with their alumni to foster academic, industrial and cultural issues thus resulted the conduct of curricular and co-curricular activities.



| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

#### 5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

##### VISION

To impart globally competitive technical education, enhance human values and to provide a research atmosphere to the socially challenged aspirants.

##### MISSION

Providing a comprehensive theoretical foundation, inculcating state of art engineering practices and cutting edge research ambience that lead to societal upliftment with ethical values through effective teaching - learning methodologies and appropriate Information Communication tools via dedicated faculty to the aspirants

Transformation and growth of an individual will contribute to the growth of the society. Institution strives for achieving academic excellence and all-round development of its students instilling in them the spirit of scientific temper by its committed team.

Our roadmap to reach the Vision of the Institute focuses on

- Offering Structured directions in Teaching to enable

student learning. Teaching practices facilitates students to realize engineering in simplified manner.

- Execution of Strategy that provides ample opportunity to explore application of technology inculcating professional skills producing well-groomed engineers.
- Emphasis to sensitize values in the minds of the student with intention of serving the society in a better manner

With the vision to promote Quality Technical Education to the socially challenged aspirants and produce competent Engineering professionals applying knowledge in the process of developing the nation, Institution has set its Mission.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IQAC_File/C6/6.1.1%20Institutional%20Governance.pdf">https://kingsengg.edu.in/IQAC_File/C6/6.1.1%20Institutional%20Governance.pdf</a> |
| Upload any additional information     | No File Uploaded  |

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

#### Decentralization

The Principal is empowered to plan and execute academic routines and makes available means to achieve desired results. The Heads of Departments are taken into confidence by the Principal and given freedom to administer their respective department. Decentralized top-down disbursement of responsibilities, entrusting effective functioning giving equal opportunities to the individuals on turn basis is followed.

Faculties are encouraged to hold responsible role in the academic structure as Coordinator for various activities like Academic Coordinators, DRC Convener, IQAC Coordinator, etc

Pertaining to the scope of the entire institution, various positions like Dean (R&D), CoE, T&P Officer, Academic Co-ordinator, Project Officer, PTA Vice-President, Alumni Vice-President, FAA Vice-President etc. are into operation.

### Department Level

- HoDs are empowered to execute academic activities of the concerned department.
- Academic programmes are planned and organized under the guidance of HoD.

### Student level

- Students are given opportunity to lead various committee like Student Associations, Technical Clubs, Students CHANGE Club (SCC), Class Committee (CC), Transport Committee etc.
- The cells/clubs/associations have student office-bearers (viz. Vice-President, Secretary and Treasurer).
- Students are also provided opportunities to organize programmes through student association/cells/clubs whereby they acquire skills, experience, expertise and self-confidence

### Participative Management

- Culture of participative management is proactively promoted by the institution. The top leadership invites suggestions, incorporates them and gives autonomy to the faculty members and staff to perform their duties.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/C6/6.1.2_Organizational_Chart_28_11_21_page-0001.jpg">https://kingsengg.edu.in/IOAC_File/C6/6.1.2_Organizational_Chart_28_11_21_page-0001.jpg</a> |
| Upload any additional information     | No File Uploaded  |

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The leadership steers its operations through well defined action plans justifying the goals of the mission statement by inspirations and motivations. Structured mechanism and

approaches for effective teaching-learning process thereby instilling quality education to the learners is ascertained. Operational issues and outcome analysis for every stage will be addressed at Staff council meet and suitable corrective measures are proposed and implemented. Periodical review and academic audits are carried out to ensure completion of the activities. Academic calendar acts as the operational framework for the routines.

**Activity : Formulation of action plan for Departments/ Units / Wings towards Progression**

With the objective of improving accomplishments, action plan is set for every academic year, reviewed periodically and set objectives are met.

Plan of action devised by Internal Quality Assurance Cell aims and yearly quality assurance & sustainability initiatives covering wider aspects.

Research & Development Centre sets plan of action towards promoting innovation & research culture among staff and students.

Professional Societies & Clubs with the objective of networking & promoting student skills schedules various events.

**Outcome**

1. Department level : Systematic execution of events resulting in progression & achievements
2. IQAC : Progression in institute level major initiatives spanning academics, networking etc.
3. R& D Centre : Promotion of research & innovation among staff & students exhibited through publications, proposal submission, participation in contest & events
4. Professional societies & clubs : Promotion of student participation & skills

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | No File Uploaded  |
| Paste link for additional information                  | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.2.1%20Final_Execution%20vs%20Target.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.2.1%20Final_Execution%20vs%20Target.pdf</a> |
| Upload any additional information                      | No File Uploaded  |

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

The Institution ensures effective implementation of governance, administrative functions, policy, guidelines, service rules for employment at all functional level. Steered by Managing Trustee, guided by Head of the Institute, ably coordinated by Heads of Departments institutional strategies are set to align and achieve institutional mission and vision

Staff Council members (SCM) take decisions regarding the academic affairs of the institution. Head of the institute as the Chairperson recommends the management regarding the student and staff progression. Head of the institute takes utmost care for the smooth functioning of the academic system and enhances the standards of education

HoDs are responsible for executing the Academic Plan of the department as per the department target for the semester & year. Faculty takes up positions viz. Academic Coordinators, Course Mentors, Course Coordinators and Faculty mentors. Addressing the student needs, faculty members take efforts towards curriculum delivery and student overall development.

Administrative officer takes decisions regarding the entire administrative affairs of the institution. Training and Placement department strives towards training students on employability skills and network with industries towards placement opportunities. Librarian is responsible for acquisition and provision of library resources and ensures it to meet the needs of all its users.

IQAC initiate, plan and reviews various activities that are necessary to increase the quality of the education imparted at

the institute

| File Description                              | Documents   |
|---|---|
| Paste link for additional information         | Nil   |
| Link to Organogram of the institution webpage | <a href="https://kingsengg.edu.in/IOAC_File/C6/6.1.2_Organizational_Chart_28_11_21_page-0001.jpg">https://kingsengg.edu.in/IOAC_File/C6/6.1.2 Organizational Chart 28 11 21 page-0001.jpg</a> |
| Upload any additional information             | <a href="#">View File</a>   |

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**      A. All of the above

| File Description   | Documents                 |
|--|---------------------------|
| ERP (Enterprise Resource Planning) Document  | No File Uploaded          |
| Screen shots of user inter faces   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | <a href="#">View File</a> |

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Institution extends various welfare schemes for the benefit of Teaching and Non-teaching staff members. Sabbatical leave, Medical leave, Maternity leave, Earn leave for administrative staff, Fee concession for Teaching and Non-Teaching staffs wards, Free transport, PF, Encashment of earned leaves for nonteaching and Accident insurance are provided. Welfare scheme for Teaching Staff Partial assistance for Professional society membership Medical leave / maternity leave OD support for pursuing higher education & research Group Insurance Welfare scheme for Non-Teaching Staff Free education for ward of the

employees Medical leave / maternity leave Free transport facility OD support for pursuing higher education Group Insurance Teaching faculty and support staff feedback on institutional practices and welfare is collected and reviewed. Feedback is collected annually and reviewed. Feedback report and analysis shows staff welfare and progression are being encouraged at the institute Teaching staff feedback includes the following parameters. scope for skill and knowledge enhancement provision for new technologies conducive work environment work load encouragement for participative management promotion of research Non Teaching staff feedback includes the following parameters. working environment scope for skill enrichment/higher studies support support system welfare measures

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

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

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

0

| File Description  | Documents        |
|---|------------------|
| Upload any additional information   | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | No File Uploaded |

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

35

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres).  | No File Uploaded          |
| Reports of Academic Staff College or similar centers   | No File Uploaded          |
| Upload any additional information  | <a href="#">View File</a> |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | <a href="#">View File</a> |

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

270

| File Description  | Documents                 |
|---|---------------------------|
| IQAC report summary   | <a href="#">View File</a> |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers)              | No File Uploaded          |
| Upload any additional information   | No File Uploaded          |
| Details of teachers attending professional development programmes during the year (Data Template) | <a href="#">View File</a> |

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution assesses its faculty through a well structured appraisal system collecting responses from Students, Individuals and HOD



- Staff Assessment Review (SAR) -Faculty Self-Appraisal is made by faculty to examine instructional work load, responsibilities held, publication details, sponsored project work execution, consultancy works, awards and achievements, participation in various programmes. This exercise helps faculty to locate areas progressed and that need to be strengthened.
- HoD observes the preparedness and execution of assigned faculty roles as per guidelines. Suitable motivations are made by HoD to help faculty to execute assigned tasks. HOD engages in appraising the contributions made by the faculty and records potentials, commitment shown by the faculty. HOD Appraisal is used for the purpose and findings are forwarded to the observation of the Principal.
- A feedback obtained from the students, Staff Performance Appraisal gives further inputs regarding the effectiveness of the teaching learning methodologies made by faculty every semester. Appraisal reports are shared among faculty members to understand their credits.
- Staff members also provide feedback on Institutional strategies and support.
- Periodical Academic Audits are conducted to ensure completion of assigned tasks by faculty members.

**Performance appraisal for Non-Teaching staff**

Responsibilities and commitment of non-teaching staff members are made to guide and motivate support staffs.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

**6.4 - Financial Management and Resource Mobilization**

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal and external audits are carried out on the financial transactions every year.

**Process of the internal audit:**

Internal audit is conducted half yearly by the Head Office of the trust. The expenditure incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any difference is found, the same is brought to the notice of the Management and appropriate actions are taken.

**Process of the external audit:**

External audit is conducted every year by an external agency. The external auditor verifies all transactions and prepare balance sheet.

**The mechanism used to check the effective use of financial resources:**

Before the commencement of every financial year, principal seeks budget proposal from the departments. The head of the departments based on the requirements of academic and physical facilities for the forthcoming year, shall call for quotations from vendors for the physical facilities required, if any. After scrutinizing the requirements submitted by the head of the department, Principal consolidates all the department proposals and submits the overall budget to the Secretary. The budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, consumable charges and non-recurring expenses like lab equipment purchases, furniture and other development expenses. After the approval from management, the purchase committee recommends the vendors for purchase after negotiations. The expenditure will be monitored by the accounts department as per the budget allocated by the management.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

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

### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

253.10

| File Description  | Documents                 |
|---|---------------------------|
| Annual statements of accounts   | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | <a href="#">View File</a> |

## 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

### Mobilisation of funds:

- Being a self-financed institution, major source of revenue is Tuition Fees.
- Institution gets term and hire purchase loans for infrastructure establishments. The loans are availed through Raj Educational Trust.
- Funds through CSR from industry are received for institutional activities. Proposals seeking grant-in aid for establishment of new academic facilities, doing research projects / student projects and for conducting programmes are regularly submitted to various government and other agencies such as AICTE ,DST, TNSCST etc. and professional societies

### Recurring expenditure:

- Staff salary, expenses for academic activities and payments to bank are made using fees collection.

### Infrastructure establishment:

- Budget for infrastructure establishments and upgradation is allocated by the management. Bank loans and CSR funds from industry are utilized for this purpose.

**Students and staff skill development programmes:**

The institute regularly organizes seminars, conferences faculty development programmes , co-curricular activities matching with latest technologies

**Research and other academic activities:**

A significant number of projects funded by various government and non-government funding sectors namely DRDO New Delhi, MOCIT New Delhi, TNSCST Chennai, AICTE New Delhi, Texas Instruments, USA, Analog devices, USA are successfully carried out.

**Extra-curricular activities:**

Funds are allotted for enhancing sport facilities for conducting sports to encourage student participation NSS, NCC, YRC, RRC and other extracurricular activities.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

**PRACTICE 1: ACADEMIC TARGET & PROGRESSION TRACKING**

**Department Target and Progression Tracking**

Departments target vital parameters are

- Academic results
- Technical events
- Research & Development Initiatives
- Initiatives towards linkages and MoUs

### Launch of Programme Advisory Committee(PAC)

The PAC is constituted with the goal of incorporating necessary components in the Curriculum Implementation, Programme Assessment, Quality Improvement and Overall Development of the Department.

Composition as follows

- Academic Experts from IIT / NIT/ reputed higher learning institutes
- Industry experts
- Alumni
- Professional society member
- Head of the Department

### Yearly Activity Summary

Yearly activity summary is prepared and reviewed at Staff council meeting and department level meetings.

### PRACTICE 2: ENRICHED TEACHING-LEARNING EFFORTS

Systematic approaches towards enriching students with content beyond curriculum and to offer recent technologies, skills among students efforts are taken. Slots for offering these courses are planned well ahead and included at regular time-table.

### Custom Designed Value Added Courses

Custom designed Value Added Courses(VAC) are offered to pre-final year students. These VAC are approved by Anna University and included at AU website as approved VAC list.

### Staff and student enrolment and MOOC completion

- Staff and students are encouraged to enroll for SWAYAM/NPTEL courses
- FOOS certifications

In association with IITB, FOSS training is offered to II, III and IV year students. Every year, 2 courses are offered

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.5.3_over%20all%202021-22.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.5.3_over%20all%202021-22.pdf</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

The collective effort committed towards congregating our Vision, Mission and Objective has resulted in innovations. IQAC reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through the following mechanism.

#### REVIEW PROCESS ON TEACHING LEARNING PROCESS

##### PROCESS 1 : TEACHING LEARNING PROCESS FEEDBACK BY STUDENTS

###### Student feedback on TLP

Staff Performance Appraisal (Faculty level feedback) conducted every semester examines effectiveness of course delivery.

Class committee meeting members voice the views of the entire class about courses, practices adopted. Issues raised will be addressed immediately.

###### Quality Circle Meeting

Student members comprising advanced and slow learner are interacted during quality circle meeting. Appropriate remedial measure are taken for representations made by students

###### Exit Survey

Final year students during VIII semester end participate in this

##### PROCESS 2: SYSTEMATIC REVIEWS ON TEACHING LEARNING PROCESS

Structured review mechanism is incorporated to ensure curriculum delivery is made as per course plan and schedule.

#### Syllabus Completion Review

Consolidated report on syllabus coverage before every assessment, are reviewed by HoD & Head Principal.

#### PCE-Professional and Career Enhancement activity review

Promoting student centric learning , PCE activities are mandated for courses.

#### Course Plan structure & inclusions

Course plan structure incorporates various parameters that serves as guidelines to faculty and students.

#### ICT Promotion

Course plan structure mandates promotion of ICT based learning incorporating PPTs, NPTEL sessions, Video sessions, Web resources Simulations, Virtual lab based learning etc.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**B. Any 3 of the above**

| File Description   | Documents   |
|--|---|
| Paste web link of Annual reports of Institution                                    | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/College_Day_report.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/College_Day_report.pdf</a> |
| Upload e-copies of the accreditations and certifications                           | <a href="#">View File</a>   |
| Upload any additional information  | <a href="#">View File</a>   |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <a href="#">View File</a>   |

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

**Women's Cell of the institute functions with the following objectives**

**To promote harmonious environment and empower girl students and female faculty members**

**To develop self-confidence**

**To create social awareness about the problems of women and in particular regarding gender discrimination**

**To create awareness about women health and hygiene**

**To guide about women roles in family and society**

**To promote general well-being**

**Gender equity initiatives are confirmed in the following areas related to staff members**

**Recruitment, promotion and tenure**

**Professional and leadership development**

**Equal opportunity for various roles Gender equity initiatives are witnessed in the following areas related to student members**



Girl student enrolment & success ratio Participation in curricular, co-curricular, extra-curricular activities Roles and responsibilities held at student association, clubs, units etc.

Major activities promoted by Women's cell are Gender sensitization seminars Awareness programmes on women rights, laws Women empowerment programmes Women Success stories

| File Description   | Documents   |
|--|---|
| Annual gender sensitization action plan  | <a href="https://www.kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/C7/7.1.1%20Gemder%20Sensitization%20Cell.pdf">https://www.kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/C7/7.1.1%20Gemder%20Sensitization%20Cell.pdf</a> |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | Nil   |

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**B. Any 3 of the above**

| File Description               | Documents                 |
|--------------------------------|---------------------------|
| Geo tagged Photographs         | <a href="#">View File</a> |
| Any other relevant information | No File Uploaded          |

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Our institution has deep concern to protect the environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting.

There are different types of wastes disposed in the college for which there is a proper system functioning. The following waste management techniques are being adopted:

**Solid Waste Management** The campus has implemented a well-developed waste management system successfully and facilitates several techniques for the management of solid waste. For solid waste management different bins have been placed at different places throughout the campus to segregate the wastes as degradable and non degradable.

Solid waste like food waste, plant debris, paper waste, e-waste and plastic waste are possibly segregated by trash bins, placed in and around the entire campus. The college consists of a considerably large compost pit and the segregated wet wastes are dumped in that pit. Manure obtained from this process is used for the flora of the college

.A well established sustainable liquid waste treatment is adopted in campus. The college has implemented rainwater harvesting (RWH) within its campus for storage and reuse.

| File Description  | Documents                 |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | <a href="#">View File</a> |
| Geo tagged photographs of the facilities  | No File Uploaded          |

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

| File Description                                  | Documents                 |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | <a href="#">View File</a> |
| Any other relevant information                    | No File Uploaded          |

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

**1. Restricted entry of automobiles**

**2. Use of bicycles/ Battery-powered vehicles****3. Pedestrian-friendly pathways****4. Ban on use of plastic****5. Landscaping**

| File Description   | Documents                 |
|--|---------------------------|
| Geo tagged photos / videos of the facilities                       | <a href="#">View File</a> |
| Various policy documents / decisions circulated for implementation | No File Uploaded          |
| Any other relevant documents                                       | No File Uploaded          |

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following** 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | <a href="#">View File</a> |
| Certification by the auditing agency                                      | No File Uploaded          |
| Certificates of the awards received                                       | No File Uploaded          |
| Any other relevant information  | No File Uploaded          |

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website,**

A. Any 4 or all of the above

screen-reading software, mechanized equipment  
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

| File Description   | Documents                 |
|--|---------------------------|
| Geo tagged photographs / videos of the facilities                        | <a href="#">View File</a> |
| Policy documents and information brochures on the support to be provided | No File Uploaded          |
| Details of the Software procured for providing the assistance            | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

We strongly believe in unity in diversity that's why our students respect the different religion, language and culture. Everybody have a feeling that college is their second home and all are treated as Kings family without any discrimination. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture, to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The College always encourages the students to organize and participate in different programmes organized by college, inter-college, university and other Government or nongovernment organization to make them sensitize towards cultural, regional, linguistic, communal and socio economic diversities. Holy Books Reading in Student Change club Category of the programme: Communal/religious diversity and harmony To ensure religious harmony among students, the college organizes Holy Books Reading every week. The Bible, Quran, and Bhagavat Gita, the three Holy books and Thirukkural are read by students.

| File Description   | Documents        |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | No File Uploaded |
| Any other relevant information   | No File Uploaded |

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

KINGS undertakes different initiatives by organizing various activities by different clubs functioning in the college to sensitize students and employees to the constitutional obligations. We achieve the above with the help of the following clubs functioning in our college . NSS NCC CCC YRC Women's Cell & Gender Sensitization Cell ECO Club SCC Extension activities by faculty of Kings College of Engineering to the society and school students Through the various clubs we equip the students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by prominent people in their respective fields . The institute conducted various awareness programmes to inculcate their roles , responsibilities ,values and ethics.The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. All the first year students will undergo sessions on Universal Human Values as a small step to inculcate moral values among the students.

| File Description   | Documents |
|--|-----------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | Nil       |
| Any other relevant information   | Nil       |

**7.1.10 - The Institution has a prescribed**      **A. All of the above**

code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

| File Description   | Documents                 |
|--|---------------------------|
| Code of ethics policy document   | <a href="#">View File</a> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

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

The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. The events and festivals organized at college are often celebrated with great pomp and gaiety. Therefore our college celebrates & organizes the birth anniversaries of national heroes and important Days. Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the national flag hoisting and a warm message of nationalism in a speech by the superiors of the institution . Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices. International Yoga day is celebrated on 21st June every year. The yoga camp / speech/demo session is conducted. Teachers Day is

celebrated to mark the birth anniversary of Dr Sarvepalli Radhakrishnan. Engineer's day is observed on 15th September consistently. International Women's Day is celebrated on 8th March.

| File Description  | Documents        |
|---|------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | No File Uploaded |
| Geo tagged photographs of some of the events  | No File Uploaded |
| Any other relevant information  | No File Uploaded |

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Teaching Learning strategies of the institution is set to offer enhanced technical education augmented by suitable skill enhancement initiatives of the learners. Team of dedicated, experienced and well qualified faculty members supported by other staff members formulate the attainment of educational objectives possible. Track record on faculty qualified with Ph.D, pursuing Ph.D and all faculty members with Masters Degree assures quality education to the learners. In addition, to expose faculty members with industrial practices and expectations by means of "Training to the Trainer", FVFS scheme is practiced. Faculty members visit various industries to acquire practical knowledge and upgrade to the recent trends adopted in the industries. Faculty members disseminate the knowledge gained during their visits and by appropriate mapping to course topics or content beyond syllabus component. FVFS schemes paves way for interactions with industrial personnel thereby linkages for academic support is established. Regular time-table incorporates the skill enhancement practices Project work, GATE & Competitive exam coaching, T&P training and SWAYAM. Student Change Club meet is conducted regularly as per day order of the department. Professional society activities are conducted as per action plan semester wise. IHT, IV and Internship are made mandatory to give insight into industrial environment.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://kingsengg.edu.in/IOAC_File/Best_Practices.pdf">https://kingsengg.edu.in/IOAC_File/Best_Practices.pdf</a> |
| Any other relevant information              | Nil   |

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET). The motto of the institution is "Seek, Strive, Succeed". Situated on the Thanjavur-Pudukkottai Highway, KCE campus spreads over 50 acres in a beautiful serene atmosphere ideally suited for technical education. The infrastructure and facilities available in our campus are amongst very best which has made it as one of the most sought after college in this region. Being rural located institution with diverse group of students varying in potential and committed to provide better career opportunities, various efforts are taken towards student progression. Around 45-50% of students belong to First Graduate (FG) category. With a commitment to raise the student skills and enhance their career opportunities, regular interactions with industries are initiated by inviting the Industry personnel's for various technical events. To overcome the challenges and to attain the objective, efforts are taken towards improving industrial interactions. Periodical reviews on Industrial/Experiential learning are examined in staff council meeting.



## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Devised procedures initiating from scheduling of Curriculum delivery, Assessment, Evaluation, Enrichment programme supported by enhanced approaches of Teaching & Learning Process, ably verified through Academic Audits & Feedback contributes to the effective curriculum delivery and transaction.

- Staff council meeting examines and confirms the operational strategies to be followed. Minutes of SCM is disseminated during DRM. Time-Table committee derives schedule for courses in adherence to the credits and institutional value addition hours.
- HODs verify academic flow of the courses periodically. Interactive class room practices pave way for active student learning. Planning and preparatory works are carried out well ahead to semester commencement includes: subject allocation based on competency & willingness, time-table preparation, course plan that serves as the complete layout for the course delivery, preparation of learning materials, curriculum enrichment initiatives, Orientation and Bridge course etc.
- With reference to Anna University Academic Schedule and Web Portal Entry period, Academic Calendar is prepared and circulated before commencement of every semester.
- Course plan structure entitles flow for the course (both theory and lab), ensures an organized delivery and assessment.
- State of the art Infra-structural facilities effectively supplements and motivates enhanced learning environment

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Link for Additional information     | Nil                       |

### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- With reference to Anna University Academic Schedule and Web Portal Entry period, Academic Calendar is prepared and approved during SCM before commencement of every semester.
- Academic Calendar serves as an information source and aids the planning of Student, Faculty and Departments. To ensure effective curriculum delivery, Institution follows a systematic procedure giving weightage to academic improvement while equally insisting on the overall development of students.
- Academic calendar includes timeline for curriculum delivery, periodical internal assessment schedule, curriculum enrichment programmes, Academic Audit, feedback and other activities. Academic calendar is circulated to departments during every semester and is posted at institution's website and all department notice boards for reference.
- In addition, it also includes schedule for Institutional practices / activities viz., Class test, Week test, Assessment Q.Paper submission, Answer script submission, Class committee meeting, Professional society activities, Extension activities, Seminar/Workshop/Guest Lecture, DRC meeting, IQAC meeting, College Day, Sports Day, Revision classes, Counseling sessions, Audits etc., Functioning of the Centralized Examination Cell and the procedures adapted for the conduct of assessment and evaluation ensures rigor and transparency in the process. Students are given suitable suggestions for improvements.
- All the students are familiarized about the transparency in internal assessment. Each course evaluation gains 20 marks through internal assessments and 80 marks from end semester examination.
- Marks secured in internal assessments are entered at KINGS ERP by faculty members. Reports are generated at Exam cell and entry at AU web portal is made using this centrally.

| File Description                    | Documents   |
|-------------------------------------|---|
| Upload relevant supporting document | <a href="#">View File</a>   |
| Link for Additional information     | <a href="https://kingsengg.edu.in/Management_Files/KCE_Calendar.html">https://kingsengg.edu.in/Management_Files/KCE_Calendar.html</a> |

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

| File Description   | Documents                 |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**14**

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                              | <b>No File Uploaded</b>   |
| Minutes of relevant Academic Council/ BOS meetings      | <b>No File Uploaded</b>   |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

| <b>1.2.2 - Number of Add on /Certificate programs offered during the year</b>   |                           |
|---|---------------------------|
| <b>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</b>   |                           |
| 53  |                           |
| File Description  | Documents                 |
| Any additional information  | <a href="#">View File</a> |
| Brochure or any other document relating to Add on /Certificate programs   | <a href="#">View File</a> |
| List of Add on /Certificate programs (Data Template )   | <a href="#">View File</a> |
| <b>1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year</b>  |                           |
| 2762  |                           |
| File Description  | Documents                 |
| Any additional information  | <a href="#">View File</a> |
| Details of the students enrolled in Subjects related to certificate/Add-on programs   | <a href="#">View File</a> |
| <b>1.3 - Curriculum Enrichment</b>  |                           |
| 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum  |                           |
| <p>Equal opportunities are given to both the genders in all activities and routines at the institution. Institutional practices encourages women faculty and students to become member in clubs / societies and responsibilities are vested equal towards exhibiting potential. Periodical awareness programmes, counseling and motivations are provided to girl students to help them excel and unveil their talents. Women's Cell, POSH Cell empowers female faculty and students through various programmes and initiatives. Women's day is celebrated with vigor in the institution campus. Girls and boys participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions and technical quiz programmes. Sensitizing students to contribute towards Environmental and</p> |                           |

sustainability series of programmes are organized by NSS, NCC, Eco Club. Various camps, awareness sessions, Tree plantation programmes are organized periodically. Student Change Club imparts values through oath during SCC meet. Competitions are also organized periodically. Events are also organized during National, International Commemorative days with values on nature. Students are also encouraged to undergo project works with solutions to environmental issues. Various programmes to inculcate human values among students are organized periodically. Blood Donation Camps are regularly organized. NCC, NSS volunteers are sent for disaster management exhibiting societal responsibilities. NSS units regularly organizes social and cultural activities internal and at neighbouring villages. Professional ethics and values are inculcated regularly through staff-student interactions, regular habitual. Curriculum includes courses on professional ethics and values

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | <a href="#">View File</a> |

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

29

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| Programme / Curriculum/ Syllabus of the courses  | <a href="#">View File</a> |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded          |
| MoU's with relevant organizations for these courses, if any                                  | No File Uploaded          |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |

### 1.3.3 - Number of students undertaking project work/field work/ internships

591

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | <a href="#">View File</a> |

### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

| File Description  | Documents   |
|---|---|
| URL for stakeholder feedback report   | <a href="https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf">https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf</a> |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <a href="#">View File</a>   |
| Any additional information  | <a href="#">View File</a>   |

#### 1.4.2 - Feedback process of the Institution may be classified as follows

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| URL for feedback report           | <a href="https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf">https://kingsengg.edu.in/IOAC_File/C1/1.4.1%20stake%20holder%20interaction.pdf</a> |

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

228

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

290

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | <a href="#">View File</a> |
| Number of seats filled against seats reserved (Data Template) | <a href="#">View File</a> |

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- Governing the Institutional Policies in offering quality technical education to the aspirants, all our strategies are aligned to improve Learner centric educational system supporting professional competency building among students.
- Entry level analysis during student induction, Orientation programme and Bridge courses as applicable are organized.
- Continuous Internal Assessments, Classroom & Laboratory interactions, Class Committee meeting interactions, University results helps in identifying advanced learners and their needs.
- Advanced learners are motivated to raise their standards and opportunities are provided to enrich their potential.
- Students are motivated for securing University ranks. Suitable guidance is given at all stages by faculty members. University rank holders are awarded with cash prize (upto 1 lakh) during Induction day.
- Advanced learners are facilitated with state of the art facilities in terms of well equipped library provided with latest edition of Books, E-Books, Online journals, DVDs.
- Encouragement to participate in National & International Conferences. Instilling research orientation, Mini Project works, Project Based Assignments, In-House Project works are recommended to encourage their potential exposure. Coaching classes to support student participation in GATE and other competitive exams are scheduled in regular Time-Tab



| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 774                | 110                |

| File Description           | Documents        |
|----------------------------|------------------|
| Any additional information | No File Uploaded |

### 2.3 - Teaching- Learning Process

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

Teaching-Learning practices of the institute engages students into the process. Incorporating students' interests and skills into the learning process, various activities are systematically practiced.

#### Experiential learning

Internships, Industrial visits, Field visits, In-House training activities are done periodically to widen knowledge & skills. Inculcating field experience / industrial experiences, internships programme is mandated to all students. As a part of final year project work, domain specific industrial training is also mandated.

#### Participative learning

Experts from industry, academia are invited regularly for workshops as resource persons imparting practical exposure on recent trends. Students are also encouraged to participate in technical events, competitions organized by department clubs, student association, professional societies. Students undergo Mini-project works, In-House project works to expand their technical skills.

#### Professional and Career Enhancement (PCE) practices

To complement curriculum based course learning, PCE activities are mandated for all courses. Students participate in PCE activity as a part of internal evaluation for courses. To augment knowledge / skill/ attitude gaining process for courses, students will participate in PCE activities.

Problem solving methodologies

Instructional strategies for Problem based courses give prime focus to student involvement in solving exercises regularly. Students are motivated to solve exercise problems in classrooms and home assignments are also practiced.

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| Link for additional information   | Nil                       |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Motivating student learning, engaging learner in the process and helping student achieve the intended learning outcome, ICT tools demonstrate the effectiveness of Teaching-Learning. Diverse set of ICT tools are used to create, communicate, store and manage learning resources.

Smart classrooms facilitates blended teaching and learning, provides better understanding of concepts. Smart classrooms improves visualization, creativity and better in-classroom experience. Google classroom platform supports sharing of resources by faculty, assign classroom activities for students, evaluate submissions in a easier manner.

PCE activities are conducted through GCR platform. ematerials, e-books are shared through Google classroom. Lecture videos for courses are streamed through KCE Youtube channel. Online programmes inviting external experts are also streamed through college youtube channel.

Students view the videos in a selfpaced manner. Virtual lab sessions are organized to provide remote access to simulation based labs in various disciplines of engineering. NPTEL sessions on chosen topics for courses provide enhanced

learning opportunities and certification for courses. Powerpoint based presentations are part of regular teaching-learning session. Hot potatoes are used to create interactive MCQs, crossword, matching/ordering, gap-filling exercises. Various other tools like Edmodo, Menimeter, JCross, Testmoz, Edpuzzle are used to create exciting teaching-learning experiences.

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | No File Uploaded          |

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

71

| File Description   | Documents                 |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | <a href="#">View File</a> |
| Circulars pertaining to assigning mentors to mentees               | <a href="#">View File</a> |
| Mentor/mentee ratio  | <a href="#">View File</a> |

### 2.4 - Teacher Profile and Quality

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

110

| File Description   | Documents                 |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <a href="#">View File</a> |
| Any additional information                                       | No File Uploaded          |
| List of the faculty members authenticated by the Head of HEI     | <a href="#">View File</a> |

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

20

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | <a href="#">View File</a> |

#### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

##### 2.4.3.1 - Total experience of full-time teachers

110

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | <a href="#">View File</a> |

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

During the semester as end semester examinations, internal assessment schedule, seating arrangements, guidelines to students, duty list, squad duty list and guidelines to staff members are informed well in advance. For model exams that comprises of all five units, two question paper sets are framed by the subject handling staff.

Department IQAC member evaluates the quality of the question papers and checks the Blooms Taxonomy levels. Subsequently, the question papers are verified by the Head of the Department for any discrepancies. Finally, the approved copy is mailed to the Head of the Institution, during online exams and submitted at the exam cell during Offline exams.

Internal assessment is highly transparent ensuring that the attendance sheets of internal exams are signed by each student in person. Absentees report is prepared after completion of every internal assessment and the defaulters details are informed to the concerned department HoDs for necessary follow up action. Thus by adopting to the regulations and guidelines of the affiliating university, the examination mechanism of internal assessment is transparent and robust in terms of frequency and mode.

| File Description                | Documents        |
|---------------------------------|------------------|
| Any additional information      | No File Uploaded |
| Link for additional information | Nil              |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The examination cell is headed by CCE (Chief Coordinator of Examinations), assisted by Deputy CEs and exam cell coordinators from each department for effective coordination with department staff members.

Schedules and guidelines regarding internal assessments are posted in college website, displayed in department notice boards and shared through respective whatsapp group well in advance to all the students.

The internal examination answer scripts are evaluated by the course handling faculty within three working days from the date of examination at a centralized valuation centre.

If the student is not convinced with their end semester examination results, there is a provision for students to apply for photocopy of their answer script in a theory course. If a student is not satisfied with the revaluation result can apply for review of his / her answer script in a theory course, through the Head of the institution.

With the approval from the Head of the institution, any grievances raised by the students with regard to end semester examinations are addressed to the Controller of examinations Anna University and with close coordination with Zonal office, the issues are solved at the earliest.

| File Description                | Documents                 |
|---------------------------------|---------------------------|
| Any additional information      | <a href="#">View File</a> |
| Link for additional information | Nil                       |

## 2.6 - Student Performance and Learning Outcomes

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

**Program Outcomes (POs):** It represent the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering programme.

**Course Outcomes (COs):** It gives the resultant knowledge and skills the student acquires at the end of each course.

**Program Specific Outcomes (PSOs ):** These are statements that defines outcomes of a programme which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

Being affiliated institute, Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course outcomes (CO) as stated in the curriculum by the University are incorporated into educational strategies.

Vision, Mission, PEO, PSO, PO and COs are available in the Institute website ([www.kingsengg.edu.in](http://www.kingsengg.edu.in)) and at prominent location of the campus.

Vision and Mission of Institute and department are posted at department office and laboratories and communicated to the parents during Induction Day, Parents Teachers Meeting. Course Outcomes (COs) are reviewed during Department Review Meeting (DRM).

Course in-charges elaborate on COs, attainment of COs to learners during semester commencement. Course Assessment Plan, Course Outcome Alignment Matrix, Assessment Paper Quality Matrix are included at Question bank for student reference.

| File Description  | Documents   |
|---|---|
| Upload any additional information                       | No File Uploaded  |
| Paste link for Additional information                   | <a href="https://kingsengg.edu.in/IOAC_File/C2/2.6.1%20co%20po%20mapping.pdf">https://kingsengg.edu.in/IOAC_File/C2/2.6.1%20co%20po%20mapping.pdf</a> |
| Upload COs for all Programmes (exemplars from Glossary) | <a href="#">View File</a>   |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Course outcome attainment is measured through student performance in Continuous Internal Assessment tests, Assignments, PCE (Professional and Career Enhancement) activities, End-semester examination.

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials and laboratory exercises, and projects/assignments. In addition to three Continuous assessment Tests (CAT), weekly tests, class tests are also conducted to identify students progression.

Coursewise student performance is examined, analyzed and followup actions are taken towards improvement. End-semester examination results and CAT performance based course outcome attainment, PO attainment, PSO, PEO attainment are analyzed, reviewed.

The process of attainment of COs, POs and PSOs starts from

writing appropriate COs for each course in the four-year engineering degree program. Course in-charges strive to help students to achieve intended course outcomes through appropriate teaching-learning-assessment strategies.

Correlation is set between COs and POs and COs and PSOs on the scale of 1 to 3, 1 being the low correlation, 2 being medium correlation and 3 being high correlation. Thus, mapping matrix of COs - POs and COs - PSOs are prepared for all the courses and finally these matrices are merged to form a Program level CO-PO Matrix and CO - PSO Matrix.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for Additional information | Nil                       |

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

154

| File Description   | Documents                 |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |
| Paste link for the annual report   | Nil                       |

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://kingsengg.edu.in/IOAC File/AOAR%2021-22/21-22-Files/2.7.1EXITSURVEY.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION



| <b>3.1 - Resource Mobilization for Research</b>   |                           |
|---|---------------------------|
| <b>3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)</b> |                           |
| <b>3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)</b>  |                           |
| 0.325   |                           |
| File Description  | Documents                 |
| Any additional information  | <a href="#">View File</a> |
| e-copies of the grant award letters for sponsored research projects /endowments   | <a href="#">View File</a> |
| List of endowments / projects with details of grants(Data Template)   | <a href="#">View File</a> |
| <b>3.1.2 - Number of teachers recognized as research guides (latest completed academic year)</b>  |                           |
| <b>3.1.2.1 - Number of teachers recognized as research guides</b>   |                           |
| 4   |                           |
| File Description  | Documents                 |
| Any additional information  | <a href="#">View File</a> |
| Institutional data in prescribed format   | <a href="#">View File</a> |
| <b>3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year</b>                                    |                           |
| <b>3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year</b>                                  |                           |
| 4   |                           |

| File Description  | Documents                 |
|---|---------------------------|
| List of research projects and funding details (Data Template) | <a href="#">View File</a> |
| Any additional information                                    | <a href="#">View File</a> |
| Supporting document from Funding Agency                       | No File Uploaded          |
| Paste link to funding agency website                          | Nil                       |

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Institute with the objective of promoting creativity, innovation and research culture among students and staff members, provides necessary facilities and support. With the belief of instilling innovation, creativity among young minds and thereby create opportunities to contribute for solving the societal problems, efforts are taken. In this direction, in addition to academics, programmes to enrich students on recent technologies, industrial exposure and training activities, project exhibitions and contests are organized. Institute Innovation Council (IIC) & Entrepreneurship Development Cell (EDC) are functioning to promote innovation and entrepreneurship.

Formation of IIC is as per the guidelines of MHRD and AICTE. Students are encouraged to do project works that address societal problems. Students innovative works are presented at Project Expo and contests organized internally and external events. Student teams contribute towards various proposals and models that are submitted and presented for events like Smart India Hackathon, Vishwakarma Contest of AICTE, TNSCST Student Project funding schemes, TN Science fair etc.

Institute has established linkages and networks with Industries and Institutes of national importance towards knowledge and skill expansion. Programmes are organized by IIC, EDC and Research cell of the institute imparting skills among students and staff members. Research Centre facility of the institute supports research and development activities.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

170

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information                                     | No File Uploaded          |
| List of workshops/seminars during last 5 years (Data Template) | <a href="#">View File</a> |

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

| File Description   | Documents                 |
|--|---------------------------|
| URL to the research page on HEI website  | Nil                       |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | No File Uploaded          |
| Any additional information   | <a href="#">View File</a> |

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

27

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| List of research papers by title, author, department, name and year of publication (Data Template) | <a href="#">View File</a> |

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

74

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| List books and chapters edited volumes/ books published (Data Template) | <a href="#">View File</a> |

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

With the educational philosophy of preparing students as responsible citizen, potential engineer with ethics and values, institute strives to provide its students an environment to learn, experience and excel in multidimensional attributes.

Institution-neighborhood-community network is promoted through the following student clubs / units National Service Scheme (2 units) National Cadet Corps Page 39/103 04-04-2022 04:12:54 Self Study Report of KINGS COLLEGE OF ENGINEERING Youth Red Cross Red Ribbon Club Citizen Consumer Club Eco club Citizen Consumer Club Citizen club Health & Hygiene club Institute motivates students participation to understand the social issues and ethical values through various programmes organized by clubs, wings and societies.

Various extension and outreach activities like blood donation camp, health camps, awareness sessions, rallies, tree sapling

were organized for the benefits of the neighborhood community. All students are members of NCC/NSS/YRC/RRC/CCC/Eco Club/ Professional Societies. Dedicated faculty coordinator guides students during camps, awareness programmes, social service activities, etc.

Participation in extension activity is recognized during Republic day and Independence Day celebrations. Contribution to society is also a parameter considered for the King of Kings award, the best outgoing student award.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/3.4.3%20-3.4.4-%20EXTENSION%20ACTIVITIES-21-22%20F.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/3.4.3%20-3.4.4-%20EXTENSION%20ACTIVITIES-21-22%20F.pdf</a> |
| Upload any additional information     | No File Uploaded  |

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

| File Description   | Documents        |
|--|------------------|
| Any additional information   | No File Uploaded |
| Number of awards for extension activities in last 5 year (Data Template) | No File Uploaded |
| e-copy of the award letters  | No File Uploaded |

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

45

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the event organized   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | <a href="#">View File</a> |

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

840

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | <a href="#">View File</a> |

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

28

| File Description   | Documents                 |
|--|---------------------------|
| e-copies of related Document   | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of Collaborative activities with institutions/industries for research, Faculty | <a href="#">View File</a> |

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

6

| File Description   | Documents                 |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses  | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | <a href="#">View File</a> |

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

#### Classrooms

Well furnished and equipped classrooms with cross ventilation, lighting, black board and ICT facilities are available. There are totally 31 classrooms with comfortable furniture and proper spacing between desks.

#### Technology Enabled Learning Spaces

Aesthetically built, acoustically treated and air-conditioned

state-of-the-art Audio-Visual Halls with internet facility, is a hub of all intellectual activities. 1.Pallava Hall with seating capacity of 100 to house seminars and workshops. 2.Chera Hall with seating capacity of 300 to house workshops & conferences. 3.AV Hall with seating capacity of 200 to house conferences, workshops, seminars 4.Chozha Hall (Indoor Auditorium) that houses programmes like Induction Day, College Day, Graduation Day with seating capacity of 1500.

#### Seminar Halls

Air-Conditioned Seminar Hall to support Seminar sessions, Guest Lectures, Student Presentations etc. is available.

#### Tutorial Spaces

To Provide structured learning sessions in terms of Tutorials, exclusive spaces are available for each departments. Totally there are 12 tutorial spaces.

#### Laboratories

Institution has established well-equipped laboratories that provides controlled conditions in which experiments are performed. There are totally 67 laboratories and 2 drawing halls.

#### Equipment For Teaching, Learning And Research

Wi-Fi Zone providing, >50Mbps bandwidth, covers the entire campus including hostels. Dedicated internet lab is available.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

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

The Institute has provided adequate resources and infrastructure for Extra-curricular activities. Sports



Qualified & experienced sports instructor train the students on various games regularly. Apart from that, special coach for games like Kabaddi, Basket Ball and Volleyball, are appointed to train the students.

#### NSS

2 NSS Units with active student volunteers is operating under the guidance of NSS Programme Officer. With Institutional Societal Responsibility, the NSS Unit organizes various programme every year

#### NCC

NCC Air Force Wing encourages cadets to the nation's aviation activities. Activities are conducted regularly under the direction of NCC Cadet Officer.

#### Cultural Activities

An enthusiastic Fine Arts Association (FAA) takes care of conducting the competition and staging the cultural activities. Students cultural festivals (Sangamam, Muthamizh Mantram, Teacher's day celebration) are conducted by FAA. Public Speaking Various activities are organized encouraging leadership skills and public speaking abilities among students. Communication Skills Development Soft Skill Training Programme by Internal and External experts are organized periodically.

#### Yoga

Yoga learning facility is available for students, faculty and other staff. Yoga camps are organized periodically for betterment.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | No File Uploaded  |
| Paste link for additional information | <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/108079/4.1.2_1638014976_4939.pdf">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/108079/4.1.2_1638014976_4939.pdf</a> |

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

**smart class, LMS, etc.**

**49**

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Paste link for additional information   | Nil                       |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <a href="#">View File</a> |

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

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

**105.93**

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Upload audited utilization statements   | <a href="#">View File</a> |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | <a href="#">View File</a> |

**4.2 - Library as a Learning Resource**

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

Library automation using MTS-Libman software v2.3: Accession of Books, Back Volumes, CDs and DVDs Members Entry, Book Issue and Return process OPAC facility for bibliographical search of books and all reading materials in the library Stock Verification and Auditing of books. Librarian can verify the Most Active And Least Active members Members can verify their transactions and book search. The library has an Institutional Membership with DELNET and British Council Library

| File Description   | Documents                            |
|--|--------------------------------------|
| Upload any additional information  | <a href="#">View File</a>            |
| Paste link for Additional Information  | Nil                                  |
| <b>4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources</b> | <b>A. Any 4 or more of the above</b> |
| File Description   | Documents                            |
| Upload any additional information  | <a href="#">View File</a>            |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)  | <a href="#">View File</a>            |
| <b>4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)</b>  |                                      |
| <b>4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)</b>                                   |                                      |
| <b>3.69284</b>   |                                      |
| File Description   | Documents                            |
| Any additional information   | <b>No File Uploaded</b>              |
| Audited statements of accounts   | <b>No File Uploaded</b>              |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)   | <a href="#">View File</a>            |
| <b>4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)</b>       |                                      |
| <b>4.2.4.1 - Number of teachers and students using library per day over last one year</b>  |                                      |
| <b>140</b>   |                                      |

| File Description                                  | Documents        |
|---|------------------|
| Any additional information                        | No File Uploaded |
| Details of library usage by teachers and students | No File Uploaded |

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

A total number of 507 computers are available for use by faculty and students. All LAN connected systems can gain access to internet facility. Campus is Wi-Fi enabled providing internet connection to portable devices at Wi-Fi zones. KINGS ERP can be accessed off-campus by the faculty members.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | No File Uploaded |
| Paste link for additional information | Nil              |

#### 4.3.2 - Number of Computers

580

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded          |
| List of Computers                 | <a href="#">View File</a> |

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional Information  | No File Uploaded          |
| Details of available bandwidth of internet connection in the Institution | <a href="#">View File</a> |

### 4.4 - Maintenance of Campus Infrastructure

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

182.60

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Audited statements of accounts  | <a href="#">View File</a> |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | <a href="#">View File</a> |

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

A maintenance register is being kept in the office of the administration block. All complaints and recommendations registered are being checked and processed by the Technical Officer with the approval of the Principal to ensure proper establishments. Periodical maintenance schedule is also followed. Equipment Maintenance Periodically, all the labs and facility of the department are checked for smooth conduct of the laboratory classes. Laboratory in-charge and technical staff ensure functioning of equipments. AMC procedure is also followed for maintenance. Annual stock verification procedures end up with summary on equipments to be maintained / serviced / condemned. Laboratory in-charge under the directions of HoD, ensure completion of the work and the equipments are intact before the semester commences. Mechanism for Maintenance and upkeep of IT infrastructure facilities includes Maintenance of IT and related products are made by vendors during the warranty period. On Expiry, self service is made by the In-house maintenance team. Machine history register tracks the functionality / service need for the machines. It is addressed immediately by the team. Need based AMC procedure is also followed

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | No File Uploaded |
| Paste link for additional information | Nil              |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

565

| File Description   | Documents                 |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship   | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | <a href="#">View File</a> |

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

275

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional information  | <a href="#">View File</a> |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | <a href="#">View File</a> |

|  |   |
|--|---|
| <b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b>  |   |
| File Description   | Documents   |
| Link to Institutional website  | <a href="https://www.kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/5.1.3%20Capacity%20Building%20and%20skill%20enhancement.pdf">https://www.kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/5.1.3%20Capacity%20Building%20and%20skill%20enhancement.pdf</a> |
| Any additional information   | <a href="#">View File</a>   |
| Details of capability building and skills enhancement initiatives (Data Template)  | <b>No File Uploaded</b>   |
| <b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>   |   |
| <b>879</b>   |   |
| <b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>   |   |
| <b>879</b>   |   |
| File Description   | Documents   |
| Any additional information   | <a href="#">View File</a>   |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)   | <a href="#">View File</a>   |
| <b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely</b> | <b>A. All of the above</b>  |

**redressal of the grievances through appropriate committees**

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

**5.2 - Student Progression**
**5.2.1 - Number of placement of outgoing students during the year**
**5.2.1.1 - Number of outgoing students placed during the year**

133

| File Description   | Documents                 |
|--|---------------------------|
| Self-attested list of students placed                        | <a href="#">View File</a> |
| Upload any additional information                            | No File Uploaded          |
| Details of student placement during the year (Data Template) | <a href="#">View File</a> |

**5.2.2 - Number of students progressing to higher education during the year**
**5.2.2.1 - Number of outgoing student progression to higher education**

3

| File Description                                   | Documents                 |
|--|---------------------------|
| Upload supporting data for student/alumni          | <a href="#">View File</a> |
| Any additional information                         | No File Uploaded          |
| Details of student progression to higher education | <a href="#">View File</a> |



**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

0

| File Description   | Documents                 |
|--|---------------------------|
| Upload supporting data for the same  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | <a href="#">View File</a> |

**5.3 - Student Participation and Activities**

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

0

| File Description   | Documents        |
|--|------------------|
| e-copies of award letters and certificates   | No File Uploaded |
| Any additional information   | No File Uploaded |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | No File Uploaded |

**5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students**

representation on various bodies as per established processes and norms )

Institute has various academic and administrative bodies that have student representatives on them. This representation helps them for their overall development and gives valuable inputs for institutional growth. These bodies create more avenues for students to develop technical skill, updating knowledge, personality developments and to serve the society. Staff advisers guide students for the smooth functioning of these bodies. Academic and administrative committees formed are: 1. Class Committee 2. Red Ribbon Club 3. Anti Ragging Committee 4. Student CHANGE Club 5. Student Quality Circle 6. Eco Club 7. Transport Committee 8. Fine Arts Association 9. Citizen Consumer Club 10. Library Committee 11. Department Associations 12. Placement Committee 13. Hostel Committee 14. Women's Cell 15. Quality Circle Professional Societies 1. Indian Society for Technical Education (ISTE) 2. The Institution of Engineers (IE(I)) 3. Institute of Electrical and Electronics Engineers (IEEE)

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IQAC_File/AOAR%2021-22/21-22-Files/5.3.2%20Student%20Representatives.pdf">https://kingsengg.edu.in/IQAC_File/AOAR%2021-22/21-22-Files/5.3.2%20Student%20Representatives.pdf</a> |
| Upload any additional information     | No File Uploaded  |

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

814

| File Description   | Documents        |
|--|------------------|
| Report of the event  | No File Uploaded |
| Upload any additional information  | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | No File Uploaded |

#### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The KINGS Alumni Association aims to connect the alumni to the institution, develop synergistic plans to support the institution and achieve its vision by adding value to all its stakeholders. Our Alumni association is registered under the Tamil Nadu Societies Registration Act, 1975 (Tamilnadu Act 27 of 1975) in the name of "Kings Munnaal Manavargal Sangam " on 19th November, 2007. Alumni association interacts and networks with KCE alumnus and promote the interests of the institute.

**Financial Contribution:** The alumni association supports the activities by extending financial support to the students as well as the Institution. From the contribution of alumni, a significant amount of money was spent towards welfare of KCE students and academic initiatives.

**Non-Financial Contribution:** It also serves as a forum for the alumni for sharing industrial experiences and exchange of ideas on academic, cultural and social issues of the day through the alumni lecture series being conducted by various departments at regular intervals. 61 interactions were held in various departments with their alumni to foster academic, industrial and cultural issues thus resulted the conduct of curricular and co-curricular activities.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

|  |                           |
|--|---------------------------|
| <b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>  | <b>E. &lt;1Lakhs</b>      |
| File Description   | Documents                 |
| Upload any additional information  | <a href="#">View File</a> |
| <b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>   |                           |
| <b>6.1 - Institutional Vision and Leadership</b>   |                           |
| 6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution  |                           |
| <p><b>VISION</b></p> <p>To impart globally competitive technical education, enhance human values and to provide a research atmosphere to the socially challenged aspirants.</p> <p><b>MISSION</b></p> <p>Providing a comprehensive theoretical foundation, inculcating state of art engineering practices and cutting edge research ambience that lead to societal upliftment with ethical values through effective teaching - learning methodologies and appropriate Information Communication tools via dedicated faculty to the aspirants</p> <p>Transformation and growth of an individual will contribute to the growth of the society. Institution strives for achieving academic excellence and all-round development of its students instilling in them the spirit of scientific temper by its committed team.</p> <p>Our roadmap to reach the Vision of the Institute focuses on</p> <ul style="list-style-type: none"> <li>• Offering Structured directions in Teaching to enable student learning. Teaching practices facilitates students to realize engineering in simplified manner.</li> <li>• Execution of Strategy that provides ample opportunity to explore application of technology inculcating professional skills producing well-groomed engineers.</li> <li>• Emphasis to sensitize values in the minds of the student with intention of serving the society in a</li> </ul> |                           |

better manner

With the vision to promote Quality Technical Education to the socially challenged aspirants and produce competent Engineering professionals applying knowledge in the process of developing the nation, Institution has set its Mission.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IQAC_File/C6/6.1.1%20Institutional%20Governance.pdf">https://kingsengg.edu.in/IQAC_File/C6/6.1.1%20Institutional%20Governance.pdf</a> |
| Upload any additional information     | No File Uploaded  |

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

#### Decentralization

The Principal is empowered to plan and execute academic routines and makes available means to achieve desired results. The Heads of Departments are taken into confidence by the Principal and given freedom to administer their respective department. Decentralized top-down disbursement of responsibilities, entrusting effective functioning giving equal opportunities to the individuals on turn basis is followed.

Faculties are encouraged to hold responsible role in the academic structure as Coordinator for various activities like Academic Coordinators, DRC Convener, IQAC Coordinator, etc

Pertaining to the scope of the entire institution, various positions like Dean (R&D), CoE, T&P Officer, Academic Co-ordinator, Project Officer, PTA Vice-President, Alumni Vice-President, FAA Vice-President etc. are into operation.

#### Department Level

- HoDs are empowered to execute academic activities of the concerned department.
- Academic programmes are planned and organized under the

guidance of HoD.

#### Student level

- Students are given opportunity to lead various committee like Student Associations, Technical Clubs, Students CHANGE Club (SCC), Class Committee (CC), Transport Committee etc.
- The cells/clubs/associations have student office-bearers (viz. Vice-President, Secretary and Treasurer).
- Students are also provided opportunities to organize programmes through student association/cells/clubs whereby they acquire skills, experience, expertise and self-confidence

#### Participative Management

- Culture of participative management is proactively promoted by the institution. The top leadership invites suggestions, incorporates them and gives autonomy to the faculty members and staff to perform their duties.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/C6/6.1.2_Organizational_Chart_28_11_21_page-0001.jpg">https://kingsengg.edu.in/IOAC_File/C6/6.1.2_Organizational_Chart_28_11_21_page-0001.jpg</a> |
| Upload any additional information     | No File Uploaded  |

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The leadership steers its operations through well defined action plans justifying the goals of the mission statement by inspirations and motivations. Structured mechanism and approaches for effective teaching-learning process thereby instilling quality education to the learners is ascertained. Operational issues and outcome analysis for every stage will be addressed at Staff council meet and suitable corrective measures are proposed and implemented. Periodical review and

academic audits are carried out to ensure completion of the activities. Academic calendar acts as the operational framework for the routines.

**Activity : Formulation of action plan for Departments/ Units / Wings towards Progression**

With the objective of improving accomplishments, action plan is set for every academic year, reviewed periodically and set objectives are met.

Plan of action devised by Internal Quality Assurance Cell aims and yearly quality assurance & sustainability initiatives covering wider aspects.

Research & Development Centre sets plan of action towards promoting innovation & research culture among staff and students.

Professional Societies & Clubs with the objective of networking & promoting student skills schedules various events.

#### Outcome

1. Department level : Systematic execution of events resulting in progression & achievements
2. IQAC : Progression in institute level major initiatives spanning academics, networking etc.
3. R& D Centre : Promotion of research & innovation among staff & students exhibited through publications, proposal submission, participation in contest & events
4. Professional societies & clubs : Promotion of student participation & skills

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | No File Uploaded  |
| Paste link for additional information                  | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.2.1%20Final_Execution%20vs%20Target.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.2.1%20Final_Execution%20vs%20Target.pdf</a> |
| Upload any additional information                      | No File Uploaded  |

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

The Institution ensures effective implementation of governance, administrative functions, policy, guidelines, service rules for employment at all functional level. Steered by Managing Trustee, guided by Head of the Institute, ably coordinated by Heads of Departments institutional strategies are set to align and achieve institutional mission and vision

Staff Council members (SCM) take decisions regarding the academic affairs of the institution. Head of the institute as the Chairperson recommends the management regarding the student and staff progression. Head of the institute takes utmost care for the smooth functioning of the academic system and enhances the standards of education

HoDs are responsible for executing the Academic Plan of the department as per the department target for the semester & year. Faculty takes up positions viz. Academic Coordinators, Course Mentors, Course Coordinators and Faculty mentors. Addressing the student needs, faculty members take efforts towards curriculum delivery and student overall development.

Administrative officer takes decisions regarding the entire administrative affairs of the institution. Training and Placement department strives towards training students on employability skills and network with industries towards placement opportunities. Librarian is responsible for acquisition and provision of library resources and ensures it to meet the needs of all its users.

IQAC initiate, plan and reviews various activities that are necessary to increase the quality of the education imparted



at the institute

| File Description                              | Documents   |
|---|---|
| Paste link for additional information         | Nil   |
| Link to Organogram of the institution webpage | <a href="https://kingsengg.edu.in/IOAC File/C6/6.1.2 Organizational Chart 28 11 21 page -0001.jpg">https://kingsengg.edu.in/IOAC File/C6/6.1.2 Organizational Chart 28 11 21 page -0001.jpg</a> |
| Upload any additional information             | <a href="#">View File</a>   |

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

| File Description   | Documents                 |
|--|---------------------------|
| ERP (Enterprise Resource Planning) Document  | No File Uploaded          |
| Screen shots of user interfaces  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | <a href="#">View File</a> |

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Institution extends various welfare schemes for the benefit of Teaching and Non-teaching staff members. Sabbatical leave, Medical leave, Maternity leave, Earn leave for administrative staff, Fee concession for Teaching and Non-Teaching staffs wards, Free transport, PF, Encashment of earned leaves for nonteaching and Accident insurance are provided. Welfare scheme for Teaching Staff Partial assistance for Professional society membership Medical leave / maternity leave OD support for pursuing higher education & research Group Insurance

Welfare scheme for Non-Teaching Staff Free education for ward of the employees Medical leave / maternity leave Free transport facility OD support for pursuing higher education Group Insurance Teaching faculty and support staff feedback on institutional practices and welfare is collected and reviewed. Feedback is collected annually and reviewed. Feedback report and analysis shows staff welfare and progression are being encouraged at the institute Teaching staff feedback includes the following parameters. scope for skill and knowledge enhancement provision for new technologies conducive work environment work load encouragement for participative management promotion of research Non Teaching staff feedback includes the following parameters. working environment scope for skill enrichment/higher studies support support system welfare measures

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

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

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

0

| File Description  | Documents        |
|---|------------------|
| Upload any additional information   | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | No File Uploaded |

### **6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

#### **6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during**

**the year**

**35**

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres).  | No File Uploaded          |
| Reports of Academic Staff College or similar centers   | No File Uploaded          |
| Upload any additional information  | <a href="#">View File</a> |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | <a href="#">View File</a> |

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**270**

| File Description  | Documents                 |
|---|---------------------------|
| IQAC report summary   | <a href="#">View File</a> |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers)              | No File Uploaded          |
| Upload any additional information   | No File Uploaded          |
| Details of teachers attending professional development programmes during the year (Data Template) | <a href="#">View File</a> |

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

The institution assesses its faculty through a well structured appraisal system collecting responses from Students, Individuals and HOD

- Staff Assessment Review (SAR) -Faculty Self-Appraisal is made by faculty to examine instructional work load, responsibilities held, publication details, sponsored project work execution, consultancy works, awards and achievements, participation in various programmes. This exercise helps faculty to locate areas progressed and that need to be strengthened.
- HoD observes the preparedness and execution of assigned faculty roles as per guidelines. Suitable motivations are made by HoD to help faculty to execute assigned tasks. HOD engages in appraising the contributions made by the faculty and records potentials, commitment shown by the faculty. HOD Appraisal is used for the purpose and findings are forwarded to the observation of the Principal.
- A feedback obtained from the students, Staff Performance Appraisal gives further inputs regarding the effectiveness of the teaching learning methodologies made by faculty every semester. Appraisal reports are shared among faculty members to understand their credits.
- Staff members also provide feedback on Institutional strategies and support.
- Periodical Academic Audits are conducted to ensure completion of assigned tasks by faculty members.

Performance appraisal for Non-Teaching staff

Responsibilities and commitment of non-teaching staff members are made to guide and motivate support staffs.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal and external audits are carried out on the financial transactions every year.

Process of the internal audit:

Internal audit is conducted half yearly by the Head Office of the trust. The expenditure incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any difference is found, the same is brought to the notice of the Management and appropriate actions are taken.

Process of the external audit:

External audit is conducted every year by an external agency. The external auditor verifies all transactions and prepare balance sheet.

The mechanism used to check the effective use of financial resources:

Before the commencement of every financial year, principal seeks budget proposal from the departments. The head of the departments based on the requirements of academic and physical facilities for the forthcoming year, shall call for quotations from vendors for the physical facilities required, if any. After scrutinizing the requirements submitted by the head of the department, Principal consolidates all the department proposals and submits the overall budget to the Secretary. The budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, consumable charges and non-recurring expenses like lab equipment purchases, furniture and other development expenses. After the approval from management, the purchase committee recommends the vendors for purchase after negotiations. The expenditure will be monitored by the accounts department as per the budget allocated by the management.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

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

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

253.10

| File Description  | Documents                 |
|---|---------------------------|
| Annual statements of accounts   | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | <a href="#">View File</a> |

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

##### Mobilisation of funds:

- Being a self-financed institution, major source of revenue is Tuition Fees.
- Institution gets term and hire purchase loans for infrastructure establishments. The loans are availed through Raj Educational Trust.
- Funds through CSR from industry are received for institutional activities. Proposals seeking grant-in aid for establishment of new academic facilities, doing research projects / student projects and for conducting programmes are regularly submitted to various government and other agencies such as AICTE ,DST, TNSCST etc. and professional societies

##### Recurring expenditure:

- Staff salary, expenses for academic activities and payments to bank are made using fees collection.

**Infrastructure establishment:**

- Budget for infrastructure establishments and upgradation is allocated by the management. Bank loans and CSR funds from industry are utilized for this purpose.

**Students and staff skill development programmes:**

The institute regularly organizes seminars, conferences faculty development programmes , co-curricular activities matching with latest technologies

**Research and other academic activities:**

A significant number of projects funded by various government and non-government funding sectors namely DRDO New Delhi, MOCIT New Delhi, TNSCST Chennai, AICTE New Delhi, Texas Instruments, USA, Analog devices, USA are successfully carried out.

**Extra-curricular activities:**

Funds are allotted for enhancing sport facilities for conducting sports to encourage student participation NSS, NCC, YRC, RRC and other extracurricular activities.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | No File Uploaded |

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for

institutionalizing the quality assurance strategies and processes

#### PRACTICE 1: ACADEMIC TARGET & PROGRESSION TRACKING

##### Department Target and Progression Tracking

Departments target vital parameters are

- Academic results
- Technical events
- Research & Development Initiatives
- Initiatives towards linkages and MoUs

##### Launch of Programme Advisory Committee(PAC)

The PAC is constituted with the goal of incorporating necessary components in the Curriculum Implementation, Programme Assessment, Quality Improvement and Overall Development of the Department.

##### Composition as follows

- Academic Experts from IIT / NIT/ reputed higher learning institutes
- Industry experts
- Alumni
- Professional society member
- Head of the Department

##### Yearly Activity Summary

Yearly activity summary is prepared and reviewed at Staff council meeting and department level meetings.

#### PRACTICE 2: ENRICHED TEACHING-LEARNING EFFORTS

Systematic approaches towards enriching students with content beyond curriculum and to offer recent technologies, skills among students efforts are taken. Slots for offering these courses are planned well ahead and included at regular time-table.

##### Custom Designed Value Added Courses

Custom designed Value Added Courses(VAC) are offered to pre-final year students. These VAC are approved by Anna



University and included at AU website as approved VAC list.

Staff and student enrolment and MOOC completion

- Staff and students are encouraged to enroll for SWAYAM/NPTEL courses
- FOOS certifications

In association with IITB, FOSS training is offered to II, III and IV year students. Every year, 2 courses are offered

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.5.3_over%20all%202021-22.pdf">https://kingsengg.edu.in/IOAC_File/AQAR%2021-22/21-22-Files/6.5.3_over%20all%202021-22.pdf</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

The collective effort committed towards congregating our Vision, Mission and Objective has resulted in innovations. IQAC reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through the following mechanism.

REVIEW PROCESS ON TEACHING LEARNING PROCESS

PROCESS 1 : TEACHING LEARNING PROCESS FEEDBACK BY STUDENTS

Student feedback on TLP

Staff Performance Appraisal (Faculty level feedback) conducted every semester examines effectiveness of course delivery.

Class committee meeting members voice the views of the entire class about courses, practices adopted. Issues raised will be addressed immediately.

**Quality Circle Meeting**

Student members comprising advanced and slow learner are interacted during quality circle meeting. Appropriate remedial measure are taken for representations made by students

**Exit Survey**

Final year students during VIII semester end participate in this

**PROCESS 2: SYSTEMATIC REVIEWS ON TEACHING LEARNING PROCESS**

Structured review mechanism is incorporated to ensure curriculum delivery is made as per course plan and schedule.

**Syllabus Completion Review**

Consolidated report on syllabus coverage before every assessment, are reviewed by HoD & Head Principal.

**PCE-Professional and Career Enhancement activity review**

Promoting student centric learning , PCE activities are mandated for courses.

**Course Plan structure & inclusions**

Course plan structure incorporates various parameters that serves as guidelines to faculty and students.

**ICT Promotion**

Course plan structure mandates promotion of ICT based learning incorporating PPTs, NPTEL sessions, Video sessions, Web resources Simulations, Virtual lab based learning etc.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

**6.5.3 - Quality assurance initiatives of the**

**B. Any 3 of the above**

**institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

| File Description   | Documents   |
|--|---|
| Paste web link of Annual reports of Institution                                    | <a href="https://kingsengg.edu.in/IQAC_File/AQAR%2021-22/21-22-Files/College_Day_report.pdf">https://kingsengg.edu.in/IQAC_File/AQAR%2021-22/21-22-Files/College_Day_report.pdf</a> |
| Upload e-copies of the accreditations and certifications                           | <a href="#">View File</a>   |
| Upload any additional information  | <a href="#">View File</a>   |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <a href="#">View File</a>   |

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

**Women's Cell of the institute functions with the following objectives**

**To promote harmonious environment and empower girl students and female faculty members**

**To develop self-confidence**

**To create social awareness about the problems of women and in particular regarding gender discrimination**

**To create awareness about women health and hygiene**

**To guide about women roles in family and society**

To promote general well-being

Gender equity initiatives are confirmed in the following areas related to staff members

Recruitment, promotion and tenure

Professional and leadership development

Equal opportunity for various roles Gender equity initiatives are witnessed in the following areas related to student members

Girl student enrolment & success ratio Participation in curricular, co-curricular, extra-curricular activities Roles and responsibilities held at student association, clubs, units etc.

Major activities promoted by Women's cell are Gender sensitization seminars Awareness programmes on women rights, laws Women empowerment programmes Women Success stories

| File Description  | Documents   |
|---|---|
| Annual gender sensitization action plan   | <a href="https://www.kingsengg.edu.in/IOAC_File/AOAR%2021-22/21-22-Files/C7/7.1.1%20Gender%20Semsitization%20Cell.pdf">https://www.kingsengg.edu.in/IOAC_File/AOAR%2021-22/21-22-Files/C7/7.1.1%20Gender%20Semsitization%20Cell.pdf</a> |
| Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | Nil   |

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**B. Any 3 of the above**

| File Description               | Documents                 |
|--------------------------------|---------------------------|
| Geo tagged Photographs         | <a href="#">View File</a> |
| Any other relevant information | No File Uploaded          |

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Our institution has deep concern to protect the environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting.

There are different types of wastes disposed in the college for which there is a proper system functioning. The following waste management techniques are being adopted:

**Solid Waste Management** The campus has implemented a well-developed waste management system successfully and facilitates several techniques for the management of solid waste. For solid waste management different bins have been placed at different places throughout the campus to segregate the wastes as degradable and non degradable.

Solid waste like food waste, plant debris, paper waste, e-waste and plastic waste are possibly segregated by trash bins, placed in and around the entire campus. . The college consists of a considerably large compost pit and the segregated wet wastes are dumped in that pit. Manure obtained from this process is used for the flora of the college

.A well established sustainable liquid waste treatment is adopted in campus. The college has implemented rainwater harvesting (RWH) within its campus for storage and reuse.

| File Description  | Documents                 |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | <a href="#">View File</a> |
| Geo tagged photographs of the facilities  | No File Uploaded          |

|   |  |
|---|--|
| <p><b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b></p> | <p><b>A. Any 4 or all of the above</b></p> |
|---|--|

| File Description                                  | Documents                 |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | <a href="#">View File</a> |
| Any other relevant information                    | <b>No File Uploaded</b>   |

**7.1.5 - Green campus initiatives include**

|   |  |
|---|--|
| <p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol> | <p><b>A. Any 4 or All of the above</b></p> |
|---|--|

| File Description   | Documents                 |
|--|---------------------------|
| Geo tagged photos / videos of the facilities                       | <a href="#">View File</a> |
| Various policy documents / decisions circulated for implementation | <b>No File Uploaded</b>   |
| Any other relevant documents                                       | <b>No File Uploaded</b>   |

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

|  |  |
|--|--|
| <p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional</b></p> | <p><b>A. Any 4 or all of the above</b></p> |
|--|--|

| activities  |                                     |
|---|-------------------------------------|
| File Description  | Documents                           |
| Reports on environment and energy audits submitted by the auditing agency   | <a href="#">View File</a>           |
| Certification by the auditing agency  | No File Uploaded                    |
| Certificates of the awards received   | No File Uploaded                    |
| Any other relevant information  | No File Uploaded                    |
| <b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b> | <b>A. Any 4 or all of the above</b> |
| File Description  | Documents                           |
| Geo tagged photographs / videos of the facilities   | <a href="#">View File</a>           |
| Policy documents and information brochures on the support to be provided  | No File Uploaded                    |
| Details of the Software procured for providing the assistance   | No File Uploaded                    |
| Any other relevant information  | No File Uploaded                    |
| <b>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</b>  |                                     |

We strongly believe in unity in diversity that's why our students respect the different religion, language and culture. Everybody have a feeling that college is their second home and all are treated as Kings family without any discrimination. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture, to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The College always encourages the students to organize and participate in different programmes organized by college, inter-college, university and other Government or nongovernment organization to make them sensitize towards cultural, regional, linguistic, communal and socio economic diversities. Holy Books Reading in Student Change club  
 Category of the programme: Communal/religious diversity and harmony To ensure religious harmony among students, the college organizes Holy Books Reading every week. The Bible, Quran, and Bhagavat Gita, the three Holy books and Thirukkural are read by students.

| File Description   | Documents        |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | No File Uploaded |
| Any other relevant information   | No File Uploaded |

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

KINGS undertakes different initiatives by organizing various activities by different clubs functioning in the college to sensitize students and employees to the constitutional obligations. We achieve the above with the help of the following clubs functioning in our college . NSS NCC CCC YRC Women's Cell & Gender Sensitization Cell ECO Club SCC  
 Extension activities by faculty of Kings College of Engineering to the society and school students Through the various clubs we equip the students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an



effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by prominent people in their respective fields . The institute conducted various awareness programmes to inculcate their roles , responsibilities ,values and ethics.The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. All the first year students will undergo sessions on Universal Human Values as a small step to inculcate moral values among the students.

| File Description   | Documents |
|--|-----------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | Nil       |
| Any other relevant information   | Nil       |

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

**A. All of the above**

| File Description   | Documents                 |
|--|---------------------------|
| Code of ethics policy document   | <a href="#">View File</a> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

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

The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. The events and festivals organized at college are often celebrated with great pomp and gaiety. Therefore our college celebrates & organizes the birth anniversaries of national heroes and important Days. Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the national flag hoisting and a warm message of nationalism in a speech by the superiors of the institution. Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices. International Yoga day is celebrated on 21st June every year. The yoga camp / speech/demo session is conducted. Teachers Day is celebrated to mark the birth anniversary of Dr Sarvepalli Radhakrishnan. Engineer's day is observed on 15th September consistently. International Women's Day is celebrated on 8th March.

| File Description  | Documents        |
|---|------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | No File Uploaded |
| Geo tagged photographs of some of the events  | No File Uploaded |
| Any other relevant information  | No File Uploaded |

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Teaching Learning strategies of the institution is set to offer enhanced technical education augmented by suitable skill enhancement initiatives of the learners. Team of dedicated, experienced and well qualified faculty members supported by other staff members formulate the attainment of educational objectives possible. Track record on faculty qualified with Ph.D, pursuing Ph.D and all faculty members with Masters Degree assures quality education to the learners. In addition, to expose faculty members with industrial practices and expectations by means of "Training to the Trainer", FVFS scheme is practiced. Faculty members visit various industries to acquire practical knowledge and upgrade to the recent trends adopted in the industries. Faculty members disseminate the knowledge gained during their visits and by appropriate mapping to course topics or content beyond syllabus component. FVFS schemes paves way for interactions with industrial personnel thereby linkages for academic support is established. Regular time-table incorporates the skill enhancement practices Project work, GATE & Competitive exam coaching, T&P training and SWAYAM. Student Change Club meet is conducted regularly as per day order of the department. Professional society activities are conducted as per action plan semester wise. IHT, IV and Internship are made mandatory to give insight into industrial environment.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://kingsengg.edu.in/IOAC_File/Best_Practices.pdf">https://kingsengg.edu.in/IOAC_File/Best_Practices.pdf</a> |
| Any other relevant information              | Nil   |

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET). The motto of the institution is "Seek, Strive, Succeed". Situated on the Thanjavur-Pudukkottai Highway, KCE campus spreads over 50 acres in a beautiful serene atmosphere ideally suited for technical education. The infrastructure and facilities available in our campus are amongst very best which has made it as one of the most sought after college in this region. Being rural located institution with diverse group of students varying in potential and committed to provide better career opportunities, various efforts are taken towards student progression. Around 45-50% of students belong to First Graduate (FG) category. With a commitment to raise the student skills and enhance their career opportunities, regular interactions with industries are initiated by inviting the Industry personnel's for various technical events. To overcome the challenges and to attain the objective, efforts are taken towards improving industrial interactions. Periodical reviews on Industrial/Experiential learning are examined in staff council meeting.

| File Description                             | Documents        |
|--|------------------|
| Appropriate web in the Institutional website | No File Uploaded |
| Any other relevant information               | No File Uploaded |

7.3.2 - Plan of action for the next academic year

**Introduction of New Programmes (emerging areas)**

Increase in enrolment ratio

Collaboration with Foreign Universities/ Industrial houses

Research & Development efforts in progression trend