



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1. Name of the Institution

KARPAGA VINAYAGA COLLEGE OF
ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution **P. Kasinatha Pandian**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **044-27565970**
- Mobile no **9524008938**
- Registered e-mail **kvcet@live.com**
- Alternate e-mail **pkpandian.kvcet@gmail.com**
- Address **GST Road, Chinna Kolambakkam,
Padalam - 603308, Madhuranthagam
(Tk.), Chengalpet (Dt.)**
- City/Town **Chengalpattu**
- State/UT **Tamil Nadu**
- Pin Code **603308**

2. Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **ANNA UNIVERSITY**
- Name of the IQAC Coordinator **Dr. S.Dinesh Kumar**
- Phone No. **04427565486**
- Alternate phone No. **9790762008**
- Mobile **9841122841**
- IQAC e-mail address **softdin@gmail.com**
- Alternate Email address **naackvcet@gmail.com**

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

<https://kveg.in/wp-content/uploads/2022/07/AQAR-Report-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://kveg.in/wp-content/uploads/Institutional-Calendar-20-21.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.64	2018	26/09/2018	23/09/2023

6.Date of Establishment of IQAC

01/06/2017

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. K. Sivakumar	Research Project	Ministry of Earth Sciences	3 Years	2051000
Dr. K. Sivakumar	Research Project	Indian Council of Medical Research	2 Years	692000

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 **3**

- 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)

IQAC has initiated reforms in the teaching-learning process to achieve Outcome Based Education (OBE) in the institution.

Applied for NBA for CSE, Mechanical, Biomedical, Biotechnology and Automobile Engineering departments

IQAC has successfully guided the departments to conduct the Workshops /FDPs /Seminars/Webinars /Conferences in the emerging areas technologies.

Focused on improving the quality in education by conducting periodical Academic Audit by internal and external experts

Participation in NIRF, ARIIA, SwachBharath, Green Campus Initiatives.

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 encourage research by providing seed money to faculty from the institution	Rs.1,49,000 have been provided as seed money for research projects
To encourage students to register for internship to enhance their practical knowledge.	652 students have attended internship in various industries.
To encourage students to undergo online courses offered by NPTEL and other agencies	More than 200 students have registered for online certificate courses
To follow academic schedule effectively	Academic calendar was prepared in adherence to Anna University, implemented and reviewed periodically.
Addressing slow learners	Academic Performance Report Cum Remedial class schedule for identified slow learners was made.
Promoting Startup Activities in the campus	Karpaga Vinayaga Incubation Centre was Established and so far two startups was successfully incubated

13. Whether the AQAR was placed before statutory body? **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A

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• Location	Rural
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• Alternate phone No.	9790762008				
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• IQAC e-mail address	softdin@gmail.com				
• Alternate Email address	naackvcet@gmail.com				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://kveg.in/wp-content/uploads/Institutional-Calendar-20-21.pdf				
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13.Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Nil	Nil
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020	08/06/2020
15.Multidisciplinary / interdisciplinary	

Karpaga Vinayaga College of Engineering and Technology (KVCET) is an age-old institution affiliated to Anna University. The curriculum is designed based on CBCS (Choice Based Credit System) pattern as directed by the affiliating university. All the Programmes have a curriculum with syllabi consisting of theory and practical courses. The courses are categorized under Humanities and Social Sciences (HS), Basic Sciences (BS), Engineering Sciences (ES), Professional Core (PC), Professional Elective (PE), Open Elective (OE), Mandatory Courses (MC) and Employability Enhancement Courses (EEC) which includes Project Work and/or Industry Internship, Seminar, Case Study, Placement Training Courses and Industrial/Practical Training.

Students were motivated to carryout multidisciplinary mini projects to deepen their learning skills beyond memorization and also students were encouraged to apply for patents.

16.Academic bank of credits (ABC):

KVCET has initiated the process to register under Academic bank of credits via National Academic Depository. Academic bank of credits is a credit facility originally envisioned by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provisions of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutions within the country.

KVCET is consistently maintaining the data of the academic credits earned by students. It is stored as databases in the systems implanted in respective departments. Implementation of Academic Bank of Credits system with a central database is totally based on the directions given by our affiliating university and Higher Education Department of Tamil Nadu. Considering its importance in mind, this institution makes sure the immediate implementation of Academic Bank Record. This system is inculcated after receiving the guidelines from the regulating authorities.

17.Skill development:

Keeping in mind the needs of the industry, the institution offers training in Personality Development, software and hardware applications with the involvement of eminent and acclaimed trainers and motivational speakers. The soft-skill capability of students is enhanced through regular training programs. Faculty are being trained through Train-the-Trainer programs by the

associated industry and inturn those faculty members train the students. It enhances the students' skills and train them to participate in programming challenges, coding competitions and hackathons organized by industries. Trainings and certifications through skill development program provide great opportunity to network with industry experts, make students job ready and help the students to build a successful career path.

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

NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the Multilanguage multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on 'Indian Constitution and Traditional Knowledge' for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of Fine Arts Club, competitions are being regularly conducted in the regional language viz Tamil on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India. The Parent University has also introduced two UG courses (B.E.- Civil Engineering and Mechanical) Engineering in Tamil Medium.

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

The affiliating University has developed a good strategy to transform its curriculum towards OBE and the institutions is adopting it in totally. The institution has developed some good practices towards OBE by having well defined process to evaluate the outcome from Program Educational Objectives (PEO), Program Specific Objectives (PSO) and Course Outcomes (CO) for all courses. In addition, all the students are assessed as per the OBE model.

20.Distance education/online education:

Our institution solemnly has taken advantage of the lockdown due

to COVID-19 by engaging classes in online mode, organizing webinars, faculty development programmes and conducting conferences and meetings in every possible virtual platform. Our students and faculty members have completed many courses in online mode not only during the lockdown but are still in the process of upgrading their skills through various online learning platforms like NPTEL, Udemy etc. To achieve greater heights in learning, some of the laboratory classes were even conducted in virtual mode. Our institute encourages and supports activities to be conducted in virtual mode because it breaks the geographical barriers and reaches different audience when compared to physical mode.

Extended Profile

1. Programme

1.1

21

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

File Description	Documents
Data Template	View File

2. Student

2.1

1069

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

480

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

File Description	Documents
Data Template	View File

2.3

359

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	118
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	120
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	54
4.2 Total expenditure excluding salary during the year (INR in lakhs)	297.66
4.3 Total number of computers on campus for academic purposes	485

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

Effective curriculum delivery is carried out in the Institution through a well-documented approach.

- In accordance with academic schedules given by the university an Academic Calendar encompassing working days**

schedule, internal assessment examinations, guest lectures, Industrial visits value added courses etc., is prepared every semester.

- Allocation of subjects to the faculty members is done after careful consideration of their subject expertise besides their choice.
- Course study material such as lecture notes, question bank, lab manuals are prepared by the allotted faculty members focusing on the outcome based education.
- Time tables are prepared in advance every semester for theory, tutorial and practical classes based on the, credits as per the curriculum.
- A Comprehensive lesson plan showing the hourly plan of course delivery is prepared for all the subjects by the allotted faculty members.
- To supplement the curricular gaps and to prepare them for the relevant industry "value added courses" are conducted with the help of industry experts.
- After each internal assessment examination, a periodic meeting is conducted in the Department with the faculty members to assess the level of understanding of the students on the topics covered. Special coaching is provided for the slow learners identified through the above process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://kveg.in/be-mechanical-engineering/mechanical-innovation-by-the-faculty/

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

The Academic Calendar serves as an information source and planning document for students, faculty, staff and departments. The Academic Calendar includes Reopening date, Government holidays, Testing week, Slot for IAT1, IAT2, IAT3/Model Exams, Online feedback, Class committee meeting, End Semester Practical, End Semester Theory, and Co-curricular and extracurricular activities like symposium, conference, Sports day, college day. The Academic Calendar is circulated among our students and faculty well ahead of each semester. All the workload and timetable are prepared with

reference to the academic calendar and the same is circulated to the respective staff and the students. The department will take necessary steps to ensure that all the allotted curricular activities are completed as per the academic calendar schedule.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://kveg.in/wp-content/uploads/Academic-calendar-20-21.pdf

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

9

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

775

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The institution runs the courses in Engineering and Technology stream. Curriculum is designed by Anna University, Chennai which included various topics/units covering across cutting issues relevant to Gender parity, Environment and Sustainability, Human Values and Professional Ethics. In addition to the university curriculum, our institution is nurturing the values of

Professional Ethics, Gender, Human Values, Environment and Sustainability through student’s club activities, mentored by senior faculty members. Several of our faculty members are attended the AICTE FDP on Universal Human Values Program and received the certificates.

- Go Green Club focuses on green campus and environment related programs like Awareness programme on Renewable Energy Sources and E-waste Management.
- NSS unit is very active and regularly arranged social and cultural activities in the college and adopted village. It also conducted Tree Plantation, Awareness program on Save Energy, Swaccha Bharat Abhiyan, etc.
- Rain water is harvesting is done in the campus.
- Women Empowerment Club conducted programs on Gender Equity, Women Safety. Regular Self-defence classes are conducted to Girls. Lectures by eminent women speakers are organised on gender equality and women empowerment.
- Human Values and Professional Ethics club conducts a series of lectures, activities, case study discussions on Trusteeship, Integrity, Respectfulness Non- Violence, Love, Compassion, Discipline, Truth, Righteousness, Commitment, Inclusiveness, Belongingness, Peaceful co- Existence and Discipline.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

15

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

354

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-20-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://kveg.in/igac/

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

274

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

260

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students through higher secondary results, the performance in the bridge programme, Continuous Assessment results and University examinations. The students who secure below 50% marks in their Continuous Internal Assessment and having more than 3 arrears are identified and considered as academically Slow Learners. Students who secure above 70% marks in their Continuous Internal Assessment in all subjects and having CGPA more than 6.5 CGPA are considered as academically Fast learners.

Special Programs / Initiatives for Advanced Learners

Advanced Training Program is conducted to crack the placement process of reputed companies with higher package. Mentoring by faculty is done to advanced learners in the aim to improve CGPA. Advanced learners are motivated for higher level competitive examinations like GATE, TANCET etc

Special Programs / Initiatives for Slow Learners

Faculty Mentoring is conducted on regular basis every week for slow learners to improve in academic/ non academic matter. Remedial classes are conducted to improve the performance of slow learners. Peer to Peer Learning by grouping slow learners with advanced learners in laboratories, project works and tutorial classes is done to get assistance in their academics.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/Weak-bright-students.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1069	125

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experimental learning

Laboratory experiments beyond curriculum, financial support for novel and innovative peer group projects for better learning.

Workshops, hands on training and group discussions are organized to exchange their experience and skills.

Onsite Internship, In-plant training, visits to industries and institute of higher education and research to enable the students to become informative.

Participative learning

Participative learning is supported through peer group projects and mini projects by under graduate students in design, fabrication and testing of novel and innovative techniques in their respective discipline of study for evaluation. Graduate students in Computer Applications and Business Administration carrying out mini research projects of modern trends and social relevance as a part of participative learning. Group learning is encouraged for a strong exchange of knowledge with advanced and slow learners.

Problem solving methodologies

Ability to apply knowledge of Advanced Mathematics, Science and engineering to analyze, design and solve complex engineering problems.

Ability to identify, formulate and solve problems related to realistic constraints such as economic, environmental, social,

political, ethical, health and safety, manufacturability and sustainability.

Ability to communicate, function on multidisciplinary teams, use of techniques, skills and modern engineering tools for engineering practice and knowledge of contemporary issues.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://kveg.in/be-mechanical-engineering/mechanical-innovation-by-the-faculty/

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

Technologies and facilities available and used by the faculty for effective teaching are as follows,

- Smart class rooms with A/V facility
- E-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) lectures are available through the Institution server and Intranet
- Computer laboratories and digital CDs in library are available
- Spoken Tutorial programme offered by IIT, Mumbai is available for the benefit of the students.
- E- Journals and periodicals and Open Source Software are made available in the library for use by our students.
- Expert lectures by Anna University faculty members are available through EDUSAT facility for our students to enhance their knowledge.
- Free Internet access in the library and Wi-Fi facilities in campus promote the habit of self-learning among the students

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

69

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

140

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

25

File Description	Documents
Any additional information	View File
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)	View File

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

1021

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

Assessment approaches

- Internal Assessment Test I,II, III (Model)
- Model Examination for Practical Courses
- The results of the above tests are dispatched to the parent stakeholders through postal letters.
- University Examination

Institute follows standard formats for IAT question papers, depend on Course Outcomes (COs).Previous years affiliating university exam questions are given preference to enable the students getconfidence.

The Exam Cell monitors the entire process of evaluation process which includes the quality ofquestions,invigilation schedule, marks allocation & attainments and provides its recommendationsfor continuous improvement.

Faculty members are instructed periodically on practicing fairness and transparency with respect to evaluation process.

Faculty members prepare two sets of question papers per course and after getting approval from corresponding HOD, it is submitted to Exam Cell one day before commencement of test. One of the question papers is randomly chosen by COE and given for the exam.

Answer scripts of IAT are evaluated and distributed within one week of the internal exams for verification of answer and marks.

Results of internal tests are uploaded within scheduled time in affiliating University web portal, from which internal assessment is calculated by the affiliating university.

File Description	Documents
Any additional information	View File
Link for additional information	https://kveg.in/igac/

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

- The Evaluated internal assessment test papers are distributed within three days of the examination.
- The Quality of evaluation is monitored and audited by Team of Faculty members through Academic and Concurrent audit.
- If students face any discrepancy like total mistake or no mark/less mark awarded and not satisfied with assessment in answer script, concerned Faculty member would solve it immediately. If the student is still not satisfied with resolution, he/she can take it to HOD.
- All the Internal marks and attendance details for each theory subject is entered into the Anna University Pre Examination Monitoring System as the schedule given the University. For Practical courses, Final Assessment Marks with Attendance will be entered.
- Students can view their Internal Assessment marks which are entered in University Web Portal. The marks awarded in the internal assessment tests and the attendance percentage is periodically communicated to the parents. If the performance of a student is not good, parents are intimated to meet the class advisor to identify and resolve the problem faced by the students.
- The students' grievances, if any, regarding the university

examinations, are communicated to the controller of examination, Anna University by the Principal.

File Description	Documents
Any additional information	View File
Link for additional information	https://kveg.in/iqac/

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.

As the Institution follows Outcome Based Education, all the programmes have clearly defined their learning outcomes for all the courses. The vision and mission are disseminated in all common areas of the institution and the program outcomes are disseminated in the respective departments.

POs, PSOs and PEOs are displayed on College Website, Departments, Classrooms, Laboratories, Course Delivery Plans and in Internal Test Question papers. COs are specified in the Curriculum, Syllabi and Course Plan. POs, PSOs and COs are also communicated to the students through class room briefings and Induction programme. In addition, there is a continuous thrust given by course teacher and mentors to make the students aware of the outcomes of any course and convince them to understand the importance of an Outcome-Based Education system.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kveg.in/iqac/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Process for Attainment of Course Outcome CO attainment is calculated through direct and indirect assessment methods. The direct assessment has a weightage of 90% and consists of Internal and external assessment. The external assessment is done through

university end semester examinations and has a weightage of 80%. The internal assessment consists of 2 components namely Internal assessment and Assignments with a weightage of 20%. The indirect assessment is done through course end survey with a weightage of 10%.

Process for Attainment of Program Outcome PO attainment is calculated through direct and indirect assessment methods. The direct assessment has a weightage of 80%. Indirect Assessment has a weightage of 20% and is measured based on the various surveys like Graduate Exit Survey (10%), Employer Survey (5%) and Alumni Survey (5%)

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kveg.in/igac/

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

351

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://kveg.in/igac/

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://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-20-21.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)**

27.43

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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**

9

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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**

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness Programmes, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. products. The objective of the Incubation Center is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes. Financial Assistance is provided for Peer Group Projects. Students are awarded prizes for best models. Students are encouraged to gain hands on experience and better Industrial Exposure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/msme-incubation-centre/

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

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

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

34

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)	View File
Any additional information	View File

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

42

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

72

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

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

KVCET has two Units of National Service Scheme (NSS) with 100 students in each unit as per Anna University, Chennai. The motto of NSS is 'Not Me But You'. Imparting values and attitude in to students is the motive of the institution. Believing in this, the institute carries out a number of extension activities in the neighbourhood community. Every year our NSS Units receives Best Volunteers awards from University. The NSS units concentrates on the welfare of the neighbourhood community and sensitizes their social problems and takes necessary steps for the betterment of the society. These social outreach programmes brought a great impact on the holistic development of the students as they come across different categories of the people and their living standards. Extension activities in the neighbourhood community during the accreditation period:

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

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

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

729

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

11

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

28

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

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.

- The state-of-art infrastructure augments learning environment is the significant impact of the institution.
- Campus area has 25 acres. and built up area of 35026 sq.m.

- Classrooms and Seminar Halls are equipped with ICT facilities.
- Our Institution has 525 computers for students and administrative usage and the student-to-computer ratio is 4.4:1. The entire campus is networked and built with Wi-Fi internet connectivity all the time over the entire campus including the hostel.
- The institution central library is spacious, well ventilated & lighted with an area of 6708 Sq.ft with a Seating Capacity of the library 150.
- Separate Hostel for Boys and Girls, Staff quarters, indoor and outdoor playgrounds, cricket, Football playground, Volley Ball, Basketball and Tennis court. Gymnasium, Yoga center, Three Seminar halls and one auditorium with a seating capacity upto 1500 is available.
- The Institution provides Cafeteria, Stationary Shop and Transport facilities which include 32 buses for all students and staff.
- Availability of 24/7 Hospital facilities with qualified Physicians, Indian and Axis Bank ATM, Postal Service, Canara Bank Extension counter inside the Campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf

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

Facility

YEAR OF ESTD.

GAMES / FEATURES

TOTAL SPACE AVAILABLE IN SQ.M

USER RATE

Outdoor games

2014

Volleyball Court

200 / Day

70' X 120'

780.6

70' X 90'

585.50

100' X 35'

325.28

77' X 130'

930.29

2001

Cricket Ground

400' X 450'

16728.63

2014

Football Ground

130' X 400'

4832

2001

Hockey Ground

100' X 200'

1858

2014

Basketball Ground

1.

812.26

2.

756.13

Indoor games

2011

Carrom, Table Tennis, Chess

343.86

50 / Day

Gymnasium

2007

12 station Multi Gym - 1, Bench Press -2, Twister - 1, Handling Stepper -1, Cycle -1, Tread Mill -3, etc

343.86

50 / Day

Saroja Regupathy Auditorium for cultural activities

2014

Seminar Hall, Fully Air Conditioned -1300 seat, capacity, DTS sound system with 3 LCD, projectors, Green room and 320 KVA Generator.

3600

More than 600 for all college functions

Auditorium (Yoga centre)

2001

Multipurpose hall

1500

More than 50 for yoga practice per week

Seminar Hall (Edu-sat Hall)

2010

200 seat capacity, LCD projector, PA system system

860

More than 100 for all college functions and seminars

Quadrangle

2001

Open Air Theatre (OAT)

960

More than 300 for all college functions and student assembly

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf

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

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

115.85

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The central library is automated with AUTOLIB software in the year 2008. The library server is properly maintained, where users can enter, search catalogue, borrow and return books with the help of assistive personnel. The library can be accessed from 8.30 a.m. to 5.00 p.m. on all working days. The library has a wide collection of books, journals and provide various online resources to the students.

The college library has various institutional memberships to e-resources and e-journals. The institute has a membership in National Digital Library of India (NDLI), Developing Library Network (DELNET), etc. All the computer systems in the library are provided with high speed internet of range 1 Gbps. Faculty

publications, patents and student publications are available in the library. The institute has NPTEL Swayam local chapter and other e-learning resources provided by the Government of India.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://kveg.in/wp-content/uploads/421INT1.pdf

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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)

1.382

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

328

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

The IT facilities at Karpaga Vinayaga College of Engineering and Technology are great for both students and teachers. There are 525 computers available on campus with a LAN connection. Our campus also has high-end Zebronics i7 processors with 8 GB of RAM and a 250GB SSD system. In the server room, three servers are available to provide network connectivity throughout the campus.

Railtek Services provides Internet access with a bandwidth of 1 GB/s. By estimating the volume of data transmission, the bandwidth will be further increased during an ad hoc situation. For essential services, Realtek Gaming GbE Family Controller service as a backup with 55Mbps is available. The computers in the different blocks are connected via LAN through switches. The Wi-Fi service is available to all the students and faculty members on campus, and they are provided with unlimited data per day.

As the number of students has slowly grown, the number of systems in all labs has been updated with high configured systems. The student-to-computer ratio is kept at 4.4:1 in accordance with AICTE guidelines. Research laboratories were updated with high configured systems to conduct research and project activities. Based on the requirements, necessary software and hardware devices are purchased on frequently basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/4.3.1-Institution-frequently-updates-its-IT-facilities-and-provi.pdf

4.3.2 - Number of Computers

485

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)**

181.82

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and rest rooms are being done by the housekeeping team

under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by Lab In-charge and the report is submitted to the Principal through the concerned department of HOD's for further action.

If the equipment/machinery is to be serviced during the warrantee period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in- house or in the supplier premises based on the nature of defect. After warrantee period if the equipment/machinery demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the extent possible. If repair cannot be done by technicians of institution, then it is repaired by the persons outside the organization. If no items are required to purchase for repairing the equipment, the equipment is repaired immediately. If items are required then a proposal is sent to the purchase incharge through proper channel (concerned HOD). After the items are purchased the equipment will be repaired by the respective person. The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/Policy.pdf

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

774

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

226

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://kveg.in/wp-content/uploads/12-Sof-S.T-SS_removed.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1062

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

986

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

225

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

5

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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)

The students are involved in Academic Governance through mechanisms like Class Committee, Department Advisory Committee and Institution Innovation Council. In those committee meetings the suggestions for the enrichment of academic activities offered by the students are considered and appropriate action are taken by the HoDs and Principal.

The student Associations, Alumni Association, Student Clubs, Forum and Cells are constituted in each Department in the institution. Each Department's Association is led by student as secretary with a group of office bearers. The student association plan and coordinate the Programmes like Guest Lectures, Workshops, Technical Symposium, Conferences, Events, Soft skill programmes as per the suggestion received from the students. The faculty coordinator and the association secretary approach the experts from Industry, Alumni and Academicians to act as a resource person for planned events. This liaison explores the opportunities for Industry Visits, In-plant training, Student Placement, offering Value added courses and MoUs for the up-liftment of students in the Departments / Institution.

File Description	Documents
Paste link for additional information	https://kveg.in/clubs-at-kvcet/
Upload any additional information	View File

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

9

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

Yes. The registered Alumni Association(Reg. No. 101/2017)of the institution has made significant contributions in the last five years for the holistic development.

Alumni Association(Reg. No. 101/2017)

- Institution has a registered the Alumni Association (Reg. No. 101/2017) with office bearers for the smooth functioning.
- Every year Alumni meet is conducted in the college premises and the office bearers of the association are elected.
- Guest lectures and workshops are conducted with Alumni as resource persons.
- In-plant training & Placement assistance are provided by our

alumini.

- Feedback from the alumni was considered for new courses introduction and other curricularenrichment activities.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/BYELAW1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

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:

Imparting innovative higher education with greater accentuation on high value systems shaping personnel for nation-building.

MISSION:

- To impart quality technical education by providing state-of-the-art infrastructure with dedicated faculty.
- To provide contemporary technical education for facing the needs and challenges of industries and research establishments at global level.
- To effect socio-economic transformation of society by inculcating human values and social responsibilities.

File Description	Documents
Paste link for additional information	https://kveg.in/vision-and-mission/
Upload any additional information	View File

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

Decentralization

An efficient decentralized administration with transparency is being followed. The head of the institution is empowered with full autonomy for overall monitoring of administrative and academic activities. The head of the institution decentralizes the governance system and autonomy to the Head of the Departments. In all academic and non-academic activities, participative management is being followed.

Various verticals have been formulated for the effective functioning of our institution. Each vertical has independent heads that take decisions in line with institution policy in consultation with the principal/management. The various cells functioning are Governing Council, Grievance Redressal committee, Internal Compliant Committee, Anti-Ragging Committee, Women Empowerment cell, Training and Placement, R&D, Alumni Association, Institute Industry Interaction cell, NSS/YRC, IPR & EDC cell, etc.,

- Principal leads the academic and administrative bodies for effective implementation.
- He is regularly organizing the meetings in connection with IQAC, Governing Council and regular meeting with HOD's to discuss policies, and everyday activities
- Heads of the various Departments along with faculty make the decision for various activities of the department.
- Faculty members and administrative team are involved in the process of decision making in executing their duties, responsibilities and rights.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/6.2.1-ORGANIZATION-STRUCTURE.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes.

The Institution has well defined perspective plans and the deployment documents are available.

The Institute has prepared a strategic plan to fulfill the academic and research development, co curricular and extra-curricular activities and infrastructural facilities of the Institute.

The institution has established a separate R & D Cell with all the senior professors and faculty members with Ph.D. are as members. All the members are encouraged to submit research proposals for grants from various Govt. funding agencies.

The plan is deployed through a regular plan of actions, day-to-day-activities, resource-allocation and involving all stakeholders at various levels. Performance, quality indexes measured at times provide clarity in achieving the strategic plan.

The strategic plan for 5 years of the institution strictly adheres to excellence at all levels. The Management, Principal, HODs and the staff members continuously ensure that the vision is deployed efficiently by promoting value-based quality education with ethical values.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/STRATE_1.pdf
Upload any additional information	View File

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 decentralized structure of administration is clearly described in the organogram of the institution. Various teams are formed in order to have an efficient administrative set up and they work under the observation of Principal.

The Principal heads the Academics, Cell/Committees, Hostel, Placement and Administrative Office also responsible for the co-ordination of all the Academic activities, Co-curricular and Extracurricular activities in accordance with the norms and standards prescribed by AICTE, Anna University and the Government of Tamil Nadu. He is responsible for tuition fees, transport fees and student scholarships. Head of the Department is responsible for all the academic activities, co-curricular and extracurricular activities of the concerned department. The placement officer is responsible for all the activities relating to the students placement like training programmes, interacting with various MNC companies, industries and organising Placement drives.

The Librarian maintains the documentations of books, journals, newspapers, magazines & library materials and purchase of books and journals.

Exam-Cell In charge is responsible for all registers and records concerning the examinations and conducting of examinations for theory and practical courses. HoDs are responsible for overall department activities including budgets, academics and student improvement programs.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/employee-policy.pdf
Link to Organogram of the institution webpage	https://kveg.in/wp-content/uploads/6.2.1-ORGANIZATION-STRUCTURE.pdf
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Institution has numberof welfare schemes for both teaching and Non-teaching staff members which are effectively implemented as given below;

- Employee's Provident Fund (EPF)
- Marriage Leave
- Free transportation for faculty
- Paid maternity leave

Institution is providing paid maternity leave for Women staff as per norms.

- Sponsorship for co-curricular activities

Institution is sponsoring teaching and non-teaching staff for their co-curricular enrichment activities like participation in conferences, FDPs, workshops, skill development programmes, etc.

- Sponsorship for higher education

Institution is also sponsoring teaching and non-teaching staff members for their higher education.

- Free lunch for Non-Teaching staff

Institution has a policy of providing free lunch to all the non-teaching and administrative staff regularly.

Institution provides tea for all the staff during morning break.

- Family quarters

Institution is providing family quarters for teaching and non-teaching staff as and when they require within the college premises.

- Admission facility for wards

Institution is providing admission for the wards of teaching and non-teaching staff members with fee concession.

- Group Insurance

Institution is sponsoring for free medical Insurance for all the staff and their family

- Free Bachelor accommodation

Apart from family quarters, Institution is also providing Bachelor accommodation for teaching and non-teaching staff members in the college hostels.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/6.3.1.-GPS-snaps-of-Welfare-measures.pdf
Upload any additional information	View File

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

114

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training 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

12

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

84

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance appraisal for each faculty members is done every year to enhance the core values of the faculty members and the betterment of student community. This helps the faculty members to review their strengths, weakness and expectations based upon his/

her achievements in the previous year. The following parameters are applied for the Performance appraisal:

- Performance in Academic Activities
- Initiatives in Students Skill Development Activities
- Contribution in Administrative Activities
- Participation in Research and Development Activities
- Rating by HoD & Principal

Faculty members will provide all the details pertaining to their performance and ensure all the information is appropriate and submit for evaluation. For non teaching staff, report on their contribution to department, attending trainings, special courses, etc., will be considered.

The Authorities will assess the performance appraisal forms submitted by the faculty members and non teaching staff and evaluate for their annual increments and subsequent promotions.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/employee-policy.pdf
Upload any additional information	View File

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

- The Institution has internal and external audit system to regulate the finance.
- The budget is prepared well in advance after taking in to consideration of the requirements of all departments. The proposals are made on different heads such as laboratory equipment, library expenses, salary, building infrastructure and other maintenance expenses, etc., required for the next academic year.
- The finance committee approves the financial year budget proposals submitted by the Principal.
- The Institution has appointed statutory Internal and external auditors and associates, who regularly audit the accounts of the Institution for the every year. The Internal Auditor, who reviews monthly statement of accounts and

expenditures with the Administrative officer, thereby having checks and balances in place.

- The external auditors audit the accounts of the Institution in end of the financial year. This practice is also intended as a measure of checks and balances with a view to correct any shortcomings and to advice on proper practices.
- The financial transactions are accounted in Tally ERP by the institution.
- As indicated above, the accounts of the Institution are regularly audited by our internal and external auditors and associates. So far, there has not been any audit objections

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/INCOME3-1.pdf
Upload any additional information	View File

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)

0.508

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

RESOURCE MOBILIZATION POLICY AND PROCEDURE

Annual tuition fee collected

The resources are effectively used for:

- **Salaries disbursement**

- Allotment of budget for departments and purchase of equipments
- Tax payment
- Loan payment
- Payment of maintenance and purchase bills
- Expenditure for sports and games
- Expenditure for extension and Outreach activities
- Expenditure for all cultural and societal events.

Research grants mobilization

- Equipments and software necessary are purchased as per approval of the funding agency
- Stipend for the project staff disbursement
- Execution of the project and on completion, UC will be submitted.

Institutional mechanism to monitor effective and efficient use

- The accounts department headed by the Finance Officer and Assistants are maintaining the accounts of the institution. They are responsible to prepare monthly statements of income and expenditure and bank reconciliations, fees dues from students and bills payable statements.
- Every academic year the budget proposals are prepared by the Heads of all the departments regarding purchase of equipments and consumables for the laboratory, books and journals and are submitted for approval.

File Description	Documents
Paste link for additional information	http://kveg.in/igac/
Upload any additional information	View File

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

- The Internal Quality Assurance Cell (IQAC) was established in the academic year 2016- 2017 to maintain and enhance quality of education.
- The primary aim of IQAC is to develop a system for conscious, consistent and catalytic action to
- improve the academic and administrative performance of the

institution.

- The next objective of IQAC is to promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Practices institutionalized as a result of IQAC Initiatives: IQAC reviews the academic process and audits the content of delivery, course conduction and process involved in teaching learning process through Academic Review Meeting, Class Committee Meeting, End Semester Feedback, Mentoring System, Academic Audit and Annual Performance Audit.

File Description	Documents
Paste link for additional information	http://kveg.in/iqac/
Upload any additional information	View File

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 institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through the following mechanisms governed by IQAC. 1. Periodical reviews on academic quality : IQAC initiated to formulate Department Advisory Board (DAB), Programme Assessment Committee (PAC) and Module Coordinators committee (MC) which help to review the progress of course completion, effective teaching and learning, attainment and assessment of course outcomes, etc., Periodic meetings are conducted in which the committee members present their evaluations and plans for improvement. The committee reviews and provides feedbacks and suggestions.

2. Feedback System: IQAC has framed a structured feedback mechanism for analyzing the effectiveness of the teaching learning process. The feedbacks are collected on the aspects such as Curriculum, Infrastructure Facilities and Faculty. In addition, feedbacks are also collected for value added courses, industrial visits and training programs

File Description	Documents
Paste link for additional information	http://kveg.in/igac/
Upload any additional information	View File

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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://kveg.in/igac/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

a) Safety and Security

KVCET has the policy of providing an educational, employment and business environment, free of discrimination based on age, race, color, religion, national origin, gender, disability, genetic disorder or veteran status. Board of Trustees, administrators, faculty, staff, and stakeholders discourage harassment, discrimination, and violence of any kind. All safety and security measures such as Discipline committees, Women Empowerment Cell, Security personnel, surveillance through CCTV cameras and fire extinguishers are existing on the campus.

b) Counseling

Student’s personal issues are counseled and resolved by senior professor Dr.R.Balasubramanian, HOD / S&H. Sensitive cases are referred to Grievance Redressal Cell. Highly sensitive students are informed to their parents. Counseling will be given in all working days and Parents can meet counselor with the prior appointment during all working days.

- **Career Counseling**

The students are given career guidance and counseling on industrial needs, opportunities available, management and professional ethics, Entrepreneurship, higher studies abroad, etc. Lectures are delivered by industrialists and experts regularly.

- **Psycho-social Counseling**

Dr. Sethumathavan, Psychiatrist, Karpaga Vinayaga Institute of Medical Sciences regularly visit and counsel our students for their health and stress management and fostering their resilience and tools to express and overcome grief and adversity.

File Description	Documents
Annual gender sensitization action plan	https://kveg.in/IOAC/
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	https://kveg.in/IOAC/

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	View File
Any other relevant information	View File

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

Solid Waste Management

- Kitchen Waste and unused Bottles are disposed of through nearby external source.
- Waste Papers, Worksheets, News Papers, etc., are disposed of through ITC Global Pvt Ltd, Global Waste Recycle Agency, with a MoU signed between KVCET and ITC under the motto of saving the environment.

Liquid Waste Management

- Recycling of wastewater has been undertaken to reuse the water from bathrooms and kitchen cleaning areas for gardening purposes.
- Biomedical liquid waste management is carried out through STTP

e-Waste Management

- Certain number of usable electronic items such as personal computers / accessories etc are used for demonstration purposes for school students.
- Obsolete items of personal computers / accessories and other electronic items are disposed through the agencies / vendors who dealt with e-waste disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

Karpaga Vinayaga College of Engineering and Technology organized its 2nd edition Maathare - T21 , Women in Excellence the grand award ceremony to celebrate womenhood on April 9th,2021. The main motto of this event is to identify and bring the women achievers into limelight, those who have set an example in their respective

fields and encourages young talents with lots of potential and promise for the future.

We have honored 15 deserving and super talented women who are such an inspiration to the community on the whole. Honoring these wonderful ladies, created a positive aura spreading across theyoungsters.

Dr. Annamalai Raghupathi, Managing Director, Karpaga Vinayaga Educational Group presided over the inaugural function of the award ceremony. Dr. Meenakshi Annamalai, Director, Karpaga Vinayaga Educational Group welcomed the gathering. Padmabhushan awardee Smt. Shanta Dhananjayan was the Chief Guest of the ceremony. She appreciated and encouraged all the awardees with her inspirational speech.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

- Youth for Clean India. Swatchh Bharat organized By Panchatya Union, Uthiramerur
- Independence day Celebration
- National voter's Day
- World AIDS Day
- Volunteers participated in a "Human Chain" organized by TNEB at Chengalpet with the motto "Save Electricity"
- Volunteers participated in a "Human Chain" organized by TNEB at Chengalpet with the motto "Save Energy and Save Power"
- Republic Day was observed - Flag Hoisting by the Principal

- **Obey Traffic Rules**
- **"Swatchh Bharath" organized By Panchatya Union, Acharpakkam**
- **"Green India" organized By Panchatya Union, Uthiramerur**
- **Our college campus was cleaned**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://kveg.in/igac/
Any other relevant information	https://kveg.in/igac/

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	View File
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	View File
Any other relevant information	View File

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

Yes .

The institution organizes the following National festivals every year in the presence of Students, faculty members and the management within the college premises.

- Pongal Festival (Thai Thiru Naal)
- Diwali
- Ramzan
- Christmas (December 25)
- Tamil New Year (April 14)
- English New Year (January 1)
- Ugadhi (Telugu New Year)

The institution organizes the following anniversaries of the great Indian personalities

- Gandhi Jayanthi (October 2)
- Dr.Visvesvaraya Birthday (December 11 - Engineer's Day)
- Dr.A.P.J. Abdul Kalam Birthday (October 15)
- Dr.Radhakrishnan Birthday (September 5 - Teacher's Day)
- Jawaharlal Nehru Birthday (November 14 - Children's Day)

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice - I

Title of the Practice

Peer Group activities - Promoting innovative and novel ideas to live projects

Objectives of the Practice

- To create innovative thinking for design and development
- To achieve ideas and design into prototype product by the students to build confidence in them
- To inculcate research attitude among students

Best Practice - II

Title of the Practice

Students Mentoring System- The major objective of the mentoring is to facilitate the Academic, Emotional, Social and cognitive development of the students to empower them in their learning and personal development.

Objectives of the Practice

- To facilitate academic, social and cognitive development of the students to empower them in their learning and personal development
- To make students emotionally stable in sensitive situations
- To promote clarity in thinking and decision making among students

File Description	Documents
Best practices in the Institutional website	https://kveg.in/igac/
Any other relevant information	https://kveg.in/igac/

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

The Human values and social responsibilities are inculcated among the students for socio-economic transformation.

Inculcation of Human values with Social Responsibility- The major objectives of this practice is to create awareness and educate needy people of nearby downtrodden community on personal health and environment, nutrition and hygiene, energy & resources management.

Goals

- To create awareness on personal health and nutrition among school children and youth of the nearby villages
- To create awareness on hazards of chemicals and fertilizers and the uses of organic farming among farming community
- To create awareness among people of the adopted village about Swachh Bharat, Save Electricity, Water Conservation, Swachh Pakhwada, etc.

Key activities

- Organizing Medical/Dental camps in nearby villages regularly
- Conduct of Awareness Rallies in nearby townships and villages
- Conduct of NSS camps for community development
- KVCET - MTU Enterprise programmes
- Conduct of blood donation camps in collaboration with Rotary / Lions club
- Yearly training programme on organic farming for farmers

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

Effective curriculum delivery is carried out in the Institution through a well-documented approach.

- In accordance with academic schedules given by the university an Academic Calendar encompassing working days schedule, internal assessment examinations, guest lectures, Industrial visits value added courses etc., is prepared every semester.
- Allocation of subjects to the faculty members is done after careful consideration of their subject expertise besides their choice.
- Course study material such as lecture notes, question bank, lab manuals are prepared by the allotted faculty members focusing on the outcome based education.
- Time tables are prepared in advance every semester for theory, tutorial and practical classes based on the, credits as per the curriculum.
- A Comprehensive lesson plan showing the hourly plan of course delivery is prepared for all the subjects by the allotted faculty members.
- To supplement the curricular gaps and to prepare them for the relevant industry "value added courses" are conducted with the help of industry experts.
- After each internal assessment examination, a periodic meeting is conducted in the Department with the faculty members to assess the level of understanding of the students on the topics covered. Special coaching is provided for the slow learners identified through the above process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://kveg.in/be-mechanical-engineering/mechanical-innovation-by-the-faculty/

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

The Academic Calendar serves as an information source and planning document for students, faculty, staff and departments. The Academic Calendar includes Reopening date, Government holidays, Testing week, Slot for IAT1, IAT2, IAT3/Model Exams, Online feedback, Class committee meeting, End Semester Practical, End Semester Theory, and Co-curricular and extracurricular activities like symposium, conference, Sports day, college day. The Academic Calendar is circulated among our students and faculty well ahead of each semester. All the workload and timetable are prepared with reference to the academic calendar and the same is circulated to the respective staff and the students. The department will take necessary steps to ensure that all the allotted curricular activities are completed as per the academic calendar schedule.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://kveg.in/wp-content/uploads/Academic-calender-20-21.pdf

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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

21

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

9

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

775

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The institution runs the courses in Engineering and Technology stream. Curriculum is designed by Anna University, Chennai which included various topics/units covering across cutting issues relevant to Gender parity, Environment and Sustainability, Human Values and Professional Ethics. In addition to the university curriculum, our institution is nurturing the values of Professional Ethics, Gender, Human Values, Environment and Sustainability through student's club activities, mentored by senior faculty members. Several of our faculty members are attended the AICTE FDP on Universal Human Values Program and received the certificates.

- Go Green Club focuses on green campus and environment related programs like Awareness programme on Renewable Energy Sources and E-waste Management.
- NSS unit is very active and regularly arranged social and cultural activities in the college and adopted village. It also conducted Tree Plantation, Awareness program on Save Energy, Swaccha Bharat Abhiyan, etc.
- Rain water is harvesting is done in the campus.
- Women Empowerment Club conducted programs on Gender Equity, Women Safety. Regular Self-defence classes are conducted to Girls. Lectures by eminent women speakers are organised on gender equality and women empowerment.
- Human Values and Professional Ethics club conducts a series of lectures, activities, case study discussions on Trusteeship, Integrity, Respectfulness Non- Violence, Love, Compassion, Discipline, Truth, Righteousness, Commitment, Inclusiveness, Belongingness, Peaceful co-Existence and Discipline.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

15

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

354

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the

A. All of the above

institution from the following stakeholders Students Teachers Employers Alumni	
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File Description	Documents
URL for stakeholder feedback report	https://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-20-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
---	---

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://kveg.in/iqac/

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

274

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

260

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students through higher secondary results, the performance in the bridge programme, Continuous Assessment results and University examinations. The students who secure below 50% marks in their Continuous Internal Assessment and having more than 3 arrears are identified and considered as academically Slow Learners. Students who secure above 70% marks in their Continuous Internal Assessment in all subjects and having CGPA more than 6.5 CGPA are considered as academically Fast learners.

Special Programs / Initiatives for Advanced Learners

Advanced Training Program is conducted to crack the placement process of reputed companies with higher package. Mentoring by faculty is done to advanced learners in the aim to improve CGPA. Advanced learners are motivated for higher level competitive examinations like GATE, TANCET etc

Special Programs / Initiatives for Slow Learners

Faculty Mentoring is conducted on regular basis every week for slow learners to improve in academic/ non academic matter. Remedial classes are conducted to improve the performance of slow learners. Peer to Peer Learning by grouping slow learners with advanced learners in laboratories, project works and tutorial classes is done to get assistance in their academics.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/Weak-bright-students.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1069	125

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experimental learning

Laboratory experiments beyond curriculum, financial support for novel and innovative peer group projects for better learning.

Workshops, hands on training and group discussions are organized to exchange their experience and skills.

Onsite Internship, In-plant training, visits to industries and institute of higher education and research to enable the students to become informative.

Participative learning

Participative learning is supported through peer group projects and mini projects by under graduate students in design, fabrication and testing of novel and innovative techniques in their respective discipline of study for evaluation. Graduate students in Computer Applications and Business Administration carrying out mini research projects of modern trends and social relevance as a part of participative learning. Group learning is encouraged for a strong exchange of knowledge with advanced and slow learners.

Problem solving methodologies

Ability to apply knowledge of Advanced Mathematics, Science and engineering to analyze, design and solve complex engineering problems.

Ability to identify, formulate and solve problems related to realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.

Ability to communicate, function on multidisciplinary teams, use of techniques, skills and modern engineering tools for engineering practice and knowledge of contemporary issues.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://kveg.in/be-mechanical-engineering/mechanical-innovation-by-the-faculty/

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

Technologies and facilities available and used by the faculty for effective teaching are as follows,

- Smart class rooms with A/V facility
- E-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) lectures are available through the Institution server and Intranet
- Computer laboratories and digital CDs in library are available
- Spoken Tutorial programme offered by IIT, Mumbai is available for the benefit of the students.
- E- Journals and periodicals and Open Source Software are made available in the library for use by our students.
- Expert lectures by Anna University faculty members are available through EDUSAT facility for our students to enhance their knowledge.
- Free Internet access in the library and Wi-Fi facilities

in campus promote the habit of self-learning among the students

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

69

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

140

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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	
25	
File Description	Documents
Any additional information	View File
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)	View File
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	
1021	
File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File
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.	
<p>Assessment approaches</p> <ul style="list-style-type: none"> • Internal Assessment Test I,II, III (Model) • Model Examination for Practical Courses • The results of the above tests are dispatched to the parent stakeholders through postal letters. • University Examination <p>Institute follows standard formats for IAT question papers, depend on Course Outcomes (COs).Previous years affiliating university exam questions are given preference to enable the students getconfidence.</p> <p>The Exam Cell monitors the entire process of evaluation process</p>	

which includes the quality of questions, invigilation schedule, marks allocation & attainments and provides its recommendations for continuous improvement.

Faculty members are instructed periodically on practicing fairness and transparency with respect to evaluation process.

Faculty members prepare two sets of question papers per course and after getting approval from corresponding HOD, it is submitted to Exam Cell one day before commencement of test. One of the question papers is randomly chosen by COE and given for the exam.

Answer scripts of IAT are evaluated and distributed within one week of the internal exams for verification of answer and marks.

Results of internal tests are uploaded within scheduled time in affiliating University web portal, from which internal assessment is calculated by the affiliating university.

File Description	Documents
Any additional information	View File
Link for additional information	https://kveg.in/iqac/

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

- The Evaluated internal assessment test papers are distributed within three days of the examination.
- The Quality of evaluation is monitored and audited by Team of Faculty members through Academic and Concurrent audit.
- If students face any discrepancy like total mistake or no mark/less mark awarded and not satisfied with assessment in answer script, concerned Faculty member would solve it immediately. If the student is still not satisfied with resolution, he/she can take it to HOD.
- All the Internal marks and attendance details for each theory subject is entered into the Anna University Pre Examination Monitoring System as the schedule given the University. For Practical courses, Final Assessment Marks with Attendance will be entered.
- Students can view their Internal Assessment marks which are entered in University Web Portal. The marks awarded in

the internal assessment tests and the attendance percentage is periodically communicated to the parents. If the performance of a student is not good ,parents are intimated to meet the class advisor to identify and resolve the problem faced by the students.

- The students ? grievances, if any, regarding the university examinations, are communicated to the controller of examination, Anna University by the Principal.

File Description	Documents
Any additional information	View File
Link for additional information	https://kveg.in/iqac/

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.

As the Institution follows Outcome Based Education, all the programmes have clearly defined their learning outcomes for all the courses. The vision and mission are disseminated in all common areas of the institution and the program outcomes are disseminated in the respective departments.

POs, PSOs and PEOs are displayed on College Website, Departments, Classrooms, Laboratories, Course Delivery Plans and in Internal Test Question papers. COs are specified in the Curriculum, Syllabi and Course Plan. POs, PSOs and COs are also communicated to the students through class room briefings and Induction programme. In addition, there is a continuous thrust given by course teacher and mentors to make the students aware of the outcomes of any course and convince them to understand the importance of an Outcome-Based Education system.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kveg.in/igac/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Process for Attainment of Course Outcome CO attainment is calculated through direct and indirect assessment methods. The direct assessment has a weightage of 90% and consists of Internal and external assessment. The external assessment is done through university end semester examinations and has a weightage of 80%. The internal assessment consists of 2 components namely Internal assessment and Assignments with a weightage of 20%. The indirect assessment is done through course end survey with a weightage of 10%.

Process for Attainment of Program Outcome PO attainment is calculated through direct and indirect assessment methods. The direct assessment has a weightage of 80%. Indirect Assessment has a weightage of 20% and is measured based on the various surveys like Graduate Exit Survey (10%), Employer Survey (5%) and Alumni Survey (5%)

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kveg.in/igac/

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

351

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://kveg.in/iqac/

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://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-20-21.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)

27.43

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

9

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness Programmes, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. products. The objective of the Incubation Center is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes. Financial Assistance is provided for Peer Group Projects. Students are awarded prizes for best models. Students are encouraged to gain hands on experience and better Industrial Exposure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/msme-incubation-centre/

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

6

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

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

34

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)	View File
Any additional information	View File

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

42

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

72

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

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

KVCET has two Units of National Service Scheme (NSS) with 100 students in each unit as per Anna University, Chennai. The motto of NSS is 'Not Me But You'. Imparting values and attitude in to students is the motive of the institution. Believing in this, the institute carries out a number of extension activities in the neighbourhood community. Every year our NSS Units receives Best Volunteers awards from University. The NSS units concentrates on the welfare of the neighbourhood community and sensitizes their social problems and takes necessary steps for the betterment of the society. These social outreach programmes brought a great impact on the holistic development of the students as they come across different categories of the people and their living standards. Extension activities in the neighbourhood community during the accreditation period:

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

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

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

729

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

11

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

28

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

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.

- The state-of-art infrastructure augments learning environment is the significant impact of the institution.
- Campus area has 25 acres. and built up area of 35026 sq.m.
- Classrooms and Seminar Halls are equipped with ICT facilities.
- Our Institution has 525 computers for students and administrative usage and the student-to-computer ratio is 4.4:1. The entire campus is networked and built with Wi-Fi internet connectivity all the time over the entire campus including the hostel.
- The institution central library is spacious, well ventilated & lighted with an area of 6708 Sq.ft with a Seating Capacity of the library 150.
- Separate Hostel for Boys and Girls, Staff quarters, indoor and outdoor playgrounds, cricket, Football playground, Volley Ball, Basketball and Tennis court. Gymnasium, Yoga center, Three Seminar halls and one auditorium with a seating capacity upto 1500 is available.
- The Institution provides Cafeteria, Stationary Shop and Transport facilities which include 32 buses for all students and staff.
- Availability of 24/7 Hospital facilities with qualified Physicians, Indian and Axis Bank ATM, Postal Service, Canara Bank Extension counter inside the Campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf

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

Facility

YEAR OF ESTD.

GAMES / FEATURES

TOTAL SPACE AVAILABLE IN SQ.M

USER RATE

Outdoor games

2014

Volleyball Court

200 / Day

70' X 120'

780.6

70' X 90'

585.50

100' X 35'

325.28

77' X 130'

930.29

2001

Cricket Ground

400' X 450'

16728.63

2014

Football Ground

130' X 400'

4832

2001

Hockey Ground

100' X 200'

1858

2014

Basketball Ground

1.

812.26

2.

756.13

Indoor games

2011

Carrom, Table Tennis, Chess

343.86

50 / Day

Gymnasium

2007

12 station Multi Gym - 1, Bench Press -2, Twister - 1, Handling Stepper -1, Cycle -1, Tread Mill -3, etc

343.86

50 / Day

Saroja Regupathy Auditorium for cultural activities

2014

Seminar Hall, Fully Air Conditioned -1300 seat, capacity, DTS sound system with 3 LCD, projectors, Green room and 320 KVA Generator.

3600

More than 600 for all college functions

Auditorium (Yoga centre)

2001

Multipurpose hall

1500

More than 50 for yoga practice per week

Seminar Hall (Edu-sat Hall)

2010

200 seat capacity, LCD projector, PA system system

860

More than 100 for all college functions and seminars

Quadrangle

2001

Open Air Theatre (OAT)

960

More than 300 for all college functions and student assembly

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf

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

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/411AVA1.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

115.85

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The central library is automated with AUTOLIB software in the year 2008. The library server is properly maintained, where users can enter, search catalogue, borrow and return books with the help of assistive personnel. The library can be accessed from 8.30 a.m. to 5.00 p.m. on all working days. The library has a wide collection of books, journals and provide various online resources to the students.

The college library has various institutional memberships to e-resources and e-journals. The institute has a membership in National Digital Library of India (NDLI), Developing Library Network (DELNET), etc. All the computer systems in the library are provided with high speed internet of range 1 Gbps. Faculty publications, patents and student publications are available in the library. The institute has NPTEL Swayam local chapter and other e-learning resources provided by the Government of India.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://kveg.in/wp-content/uploads/421INT1.pdf

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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)

1.382

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

328

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The IT facilities at Karpaga Vinayaga College of Engineering and Technology are great for both students and teachers. There are 525 computers available on campus with a LAN connection. Our campus also has high-end Zebronics i7 processors with 8 GB of RAM and a 250GB SSD system. In the server room, three servers

are available to provide network connectivity throughout the campus.

Railtek Services provides Internet access with a bandwidth of 1 GB/s. By estimating the volume of data transmission, the bandwidth will be further increased during an ad hoc situation. For essential services, Realtek Gaming GbE Family Controller service as a backup with 55Mbps is available. The computers in the different blocks are connected via LAN through switches. The Wi-Fi service is available to all the students and faculty members on campus, and they are provided with unlimited data per day.

As the number of students has slowly grown, the number of systems in all labs has been updated with high configured systems. The student-to-computer ratio is kept at 4.4:1 in accordance with AICTE guidelines. Research laboratories were updated with high configured systems to conduct research and project activities. Based on the requirements, necessary software and hardware devices are purchased on a frequently basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/4.3.1-Institution-frequently-updates-its-IT-facilities-and-provi.pdf

4.3.2 - Number of Computers

485

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

181.82

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and rest rooms are being done by the housekeeping team under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by Lab In-charge and the report is submitted to the Principal through the concerned department of HOD's for further action.

If the equipment/machinery is to be serviced during the warrantee period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in- house or in the supplier premises based on the nature of defect. After warrantee period if the equipment/machinery

demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the extent possible. If repair cannot be done by technicians of institution, then it is repaired by the persons outside the organization. If no items are required to purchase for repairing the equipment, the equipment is repaired immediately. If items are required then a proposal is sent to the purchase incharge through proper channel (concerned HOD). After the items are purchased the equipment will be repaired by the respective person. The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/Policy.pdf

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

774

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

226

File Description	Documents
Upload any additional information	View File
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://kveg.in/wp-content/uploads/12-Sof-S.T-SS_removed.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1062

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

986

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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
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File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

225

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File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

5

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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)

The students are involved in Academic Governance through mechanisms like Class Committee, Department Advisory Committee and Institution Innovation Council. In those committee meetings the suggestions for the enrichment of academic activities offered by the students are considered and appropriate action are taken by the HoDs and Principal.

The student Associations, Alumni Association, Student Clubs, Forum and Cells are constituted in each Department in the institution. Each Department's Association is led by student as secretary with a group of office bearers. The student association plan and coordinate the Programmes like Guest Lectures, Workshops, Technical Symposium, Conferences, Events, Soft skill programmes as per the suggestion received from the students. The faculty coordinator and the association secretary approach the experts from Industry, Alumni and Academicians to act as a resource person for planned events. This liaison explore the opportunities for Industry Visits, In-plant training, Student Placement, offering Value added courses and MoUs for the up-liftment of students in the Departments / Institution.

File Description	Documents
Paste link for additional information	https://kveg.in/clubs-at-kvcet/
Upload any additional information	View File

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

9

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

Yes. The registered Alumni Association(Reg. No. 101/2017)of the institution has made significant contributions in the last five years for the holistic development.

Alumni Association(Reg. No. 101/2017)

- Institution has a registered the Alumni Association (Reg. No. 101/2017) with office bearers for the smooth functioning.
- Every year Alumni meet is conducted in the college premises and the office bearers of the association are elected.
- Guest lectures and workshops are conducted with Alumni as resource persons.

- In-plant training & Placement assistance are provided by our alumni.
- Feedback from the alumni was considered for new courses introduction and other curricularenrichment activities.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/BYELAW1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs
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File Description	Documents
Upload any additional information	View File

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:

Imparting innovative higher education with greater accentuation on high value systems shaping personnel for nation-building.

MISSION:

- To impart quality technical education by providing state-of-the-art infrastructure with dedicated faculty.
- To provide contemporary technical education for facing the needs and challenges of industries and research establishments at global level.
- To effect socio-economic transformation of society by inculcating human values and social responsibilities.

File Description	Documents
Paste link for additional information	https://kveg.in/vision-and-mission/
Upload any additional information	View File

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

Decentralization

An efficient decentralized administration with transparency is being followed. The head of the institution is empowered with full autonomy for overall monitoring of administrative and academic activities. The head of the institution decentralizes the governance system and autonomy to the Head of the Departments. In all academic and non-academic activities, participative management is being followed.

Various verticals have been formulated for the effective functioning of our institution. Each vertical has independent heads that take decisions in line with institution policy in consultation with the principal/management. The various cells functioning are Governing Council, Grievance Redressal committee, Internal Compliant Committee, Anti-Ragging Committee, Women Empowerment cell, Training and Placement, R&D, Alumni Association, Institute Industry Interaction cell, NSS/YRC, IPR & EDC cell, etc.,

- Principal leads the academic and administrative bodies for effective implementation.
- He is regularly organizing the meetings in connection with IQAC, Governing Council and regular meeting with HOD's to discuss policies, and everyday activities
- Heads of the various Departments along with faculty make the decision for various activities of the department.
- Faculty members and administrative team are involved in the process of decision making in executing their duties, responsibilities and rights.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/6.2.1-ORGANIZATION-STRUCTURE.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes.

The Institution has well defined perspective plans and the deployment documents are available.

The Institute has prepared a strategic plan to fulfill the academic and research development, co curricular and extra-curricular activities and infrastructural facilities of the Institute.

The institution has established a separate R & D Cell with all the senior professors and faculty members with Ph.D. are as members. All the members are encouraged to submit research proposals for grants from various Govt. funding agencies.

The plan is deployed through a regular plan of actions, day-to-day-activities, resource-allocation and involving all stakeholders at various levels. Performance, quality indexes measured at times provide clarity in achieving the strategic plan.

The strategic plan for 5 years of the institution strictly adheres to excellence at all levels. The Management, Principal, HODs and the staff members continuously ensure that the vision is deployed efficiently by promoting value-based quality education with ethical values.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://kveg.in/wp-content/uploads/STRATE_1.pdf
Upload any additional information	View File

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 decentralized structure of administration is clearly described in the organogram of the institution. Various teams are formed in order to have an efficient administrative set up and they work under the observation of Principal.

The Principal heads the Academics, Cell/Committees, Hostel, Placement and Administrative Office also responsible for the coordination of all the Academic activities, Co-curricular and Extracurricular activities in accordance with the norms and standards prescribed by AICTE, Anna University and the Government of Tamil Nadu. He is responsible for tuition fees, transport fees and student scholarships. Head of the Department is responsible for all the academic activities, co-curricular and extracurricular activities of the concerned department. The placement officer is responsible for all the activities relating to the students placement like training programmes, interacting with various MNC companies, industries and organising Placement drives.

The Librarian maintains the documentations of books, journals, newspapers, magazines & library materials and purchase of books and journals.

Exam-Cell In charge is responsible for all registers and records concerning the examinations and conducting of examinations for theory and practical courses. HoDs are responsible for overall department activities including budgets, academics and student improvement programs.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/employee-policy.pdf
Link to Organogram of the institution webpage	https://kveg.in/wp-content/uploads/6.2.1-ORGANIZATION-STRUCTURE.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	B. Any 3 of the above
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File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Institution has numberof welfare schemes for both teaching and Non-teaching staff members which are effectively implemented as given below;

- Employee’s Provident Fund (EPF)
- Marriage Leave
- Free transportation for faculty
- Paid maternity leave

Institution is providing paid maternity leave for Women staff as per norms.

- Sponsorship for co-curricular activities

Institution is sponsoring teaching and non-teaching staff for their co-curricular enrichment activities like participation in conferences, FDPs, workshops, skill development programmes, etc.

- Sponsorship for higher education

Institution is also sponsoring teaching and non-teaching staff members for their higher education.

- Free lunch for Non-Teaching staff

Institution has a policy of providing free lunch to all the non-teaching and administrative staff regularly.

Institution provides tea for all the staff during morning break.

- Family quarters

Institution is providing family quarters for teaching and non-teaching staff as and when they require within the college premises.

- Admission facility for wards

Institution is providing admission for the wards of teaching and non-teaching staff members with fee concession.

- Group Insurance

Institution is sponsoring for free medical Insurance for all the staff and their family

- Free Bachelor accommodation

Apart from family quarters, Institution is also providing Bachelor accommodation for teaching and non-teaching staff members in the college hostels.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/6.3.1.-GPS-snaps-of-Welfare-measures.pdf
Upload any additional information	View File

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

114

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training 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

12

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

84

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance appraisal for each faculty members is done every year to enhance the core values of the faculty members and the betterment of student community. This helps the faculty members

to review their strengths, weakness and expectations based upon his/ her achievements in the previous year. The following parameters are applied for the Performance appraisal:

- Performance in Academic Activities
- Initiatives in Students Skill Development Activities
- Contribution in Administrative Activities
- Participation in Research and Development Activities
- Rating by HoD & Principal

Faculty members will provide all the details pertaining to their performance and ensure all the information is appropriate and submit for evaluation. For non teaching staff, report on their contribution to department, attending trainings, special courses, etc., will be considered.

The Authorities will assess the performance appraisal forms submitted by the faculty members and non teaching staff and evaluate for their annual increments and subsequent promotions.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/2021/04/employee-policy.pdf
Upload any additional information	View File

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

- The Institution has internal and external audit system to regulate the finance.
- The budget is prepared well in advance after taking in to consideration of the requirements of all departments. The proposals are made on different heads such as laboratory equipment, library expenses, salary, building infrastructure and other maintenance expenses, etc., required for the next academic year.
- The finance committee approves the financial year budget proposals submitted by the Principal.
- The Institution has appointed statutory Internal and external auditors and associates, who regularly audit the accounts of the Institution for the every year. The

Internal Auditor, who reviews monthly statement of accounts and expenditures with the Administrative officer, thereby having checks and balances in place.

- The external auditors audit the accounts of the Institution in end of the financial year. This practice is also intended as a measure of checks and balances with a view to correct any shortcomings and to advice on proper practices.
- The financial transactions are accounted in Tally ERP by the institution.
- As indicated above, the accounts of the Institution are regularly audited by our internal and external auditors and associates. So far, there has not been any audit objections

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/INCOME3-1.pdf
Upload any additional information	View File

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)

0.508

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

RESOURCE MOBILIZATION POLICY AND PROCEDURE

Annual tuition fee collected

The resources are effectively used for:

- Salaries disbursement
- Allotment of budget for departments and purchase of equipments
- Tax payment
- Loan payment
- Payment of maintenance and purchase bills
- Expenditure for sports and games
- Expenditure for extension and Outreach activities
- Expenditure for all cultural and societal events.

Research grants mobilization

- Equipments and software necessary are purchased as per approval of the funding agency
- Stipend for the project staff disbursement
- Execution of the project and on completion, UC will be submitted.

Institutional mechanism to monitor effective and efficient use

- The accounts department headed by the Finance Officer and Assistants are maintaining the accounts of the institution. They are responsible to prepare monthly statements of income and expenditure and bank reconciliations, fees dues from students and bills payable statements.
- Every academic year the budget proposals are prepared by the Heads of all the departments regarding purchase of equipments and consumables for the laboratory, books and journals and are submitted for approval.

File Description	Documents
Paste link for additional information	http://kveg.in/iqac/
Upload any additional information	View File

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

- The Internal Quality Assurance Cell (IQAC) was established in the academic year 2016- 2017tomaintain and

enhance quality of education.

- The primary aim of IQAC is to develop a system for conscious, consistent and catalytic action to
- improve the academic and administrative performance of the institution.
- The next objective of IQAC is to promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Practices institutionalized as a result of IQAC Initiatives: IQAC reviews the academic process and audits the content of delivery, course conduction and process involved in teaching learning process through Academic Review Meeting, Class Committee Meeting, End Semester Feedback, Mentoring System, Academic Audit and Annual Performance Audit.

File Description	Documents
Paste link for additional information	http://kveg.in/iqac/
Upload any additional information	View File

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 institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through the following mechanisms governed by IQAC. 1. Periodical reviews on academic quality : IQAC initiated to formulate Department Advisory Board (DAB), Programme Assessment Committee (PAC) and Module Coordinators committee (MC) which help to review the progress of course completion, effective teaching and learning, attainment and assessment of course outcomes, etc., Periodic meetings are conducted in which the committee members present their evaluations and plans for improvement. The committee reviews and provides feedbacks and suggestions.

2. Feedback System: IQAC has framed a structured feedback mechanism for analyzing the effectiveness of the teaching learning process. The feedbacks are collected on the aspects such as Curriculum, Infrastructure Facilities and Faculty. In addition, feedbacks are also collected for value

added courses, industrial visits and training programs

File Description	Documents
Paste link for additional information	http://kveg.in/igac/
Upload any additional information	View File

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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://kveg.in/igac/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

a) Safety and Security

KVCET has the policy of providing an educational, employment and business environment, free of discrimination based on age, race, color, religion, national origin, gender, disability, genetic disorder or veteran status. Board of Trustees, administrators, faculty, staff, and stakeholders discourage

harassment, discrimination, and violence of any kind. All safety and security measures such as Discipline committees, Women Empowerment Cell, Security personnel, surveillance through CCTV cameras and fire extinguishers are existing on the campus.

b) Counseling

Student’s personal issues are counseled and resolved by senior professor Dr.R.Balasubramanian, HOD / S&H. Sensitive cases are referred to Grievance Redressal Cell. Highly sensitive students are informed to their parents. Counseling will be given in all working days and Parents can meet counselor with the prior appointment during all working days.

- Career Counseling

The students are given career guidance and counseling on industrial needs, opportunities available, management and professional ethics, Entrepreneurship, higher studies abroad,etc. Lectures are delivered by industrialists and experts regularly.

- Psycho-social Counseling

Dr. Sethumathavan, Psychiatrist, Karpaga Vinayaga Institute of Medical Sciences regularly visit and counsel our students for their health and stress management and fostering their resilience and tools to express and overcome grief and adversity.

File Description	Documents
Annual gender sensitization action plan	https://kveg.in/IQAC/
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	https://kveg.in/IQAC/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the	B. Any 3 of the above
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Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File
<p>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</p>	
<p>Solid Waste Management</p> <ul style="list-style-type: none"> • Kitchen Waste and unused Bottles are disposed of through nearby external source. • Waste Papers, Worksheets, News Papers, etc., are disposed of through ITC Global Pvt Ltd, Global Waste Recycle Agency, with a MoU signed between KVCET and ITC under the motto of saving the environment. 	
<p>Liquid Waste Management</p> <ul style="list-style-type: none"> • Recycling of wastewater has been undertaken to reuse the water from bathrooms and kitchen cleaning areas for gardening purposes. • Biomedical liquid waste management is carried out through STTP 	
<p>e-Waste Management</p> <ul style="list-style-type: none"> • Certain number of usable electronic items such as personal computers / accessories etc are used for demonstration purposes for school students. • Obsolete items of personal computers / accessories and other electronic items are disposed through the agencies / vendors who dealt with e-waste disposal. 	

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	A. Any 4 or All of the above
<ol style="list-style-type: none"> 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	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

<p>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</p>	<p>D. Any 1 of the above</p>
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File Description	Documents
<p>Reports on environment and energy audits submitted by the auditing agency</p>	<p>View File</p>
<p>Certification by the auditing agency</p>	<p>View File</p>
<p>Certificates of the awards received</p>	<p>View File</p>
<p>Any other relevant information</p>	<p>View File</p>

<p>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</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
<p>Geo tagged photographs / videos of the facilities</p>	<p>View File</p>
<p>Policy documents and information brochures on the support to be provided</p>	<p>View File</p>
<p>Details of the Software procured for providing the assistance</p>	<p>View File</p>
<p>Any other relevant information</p>	<p>View File</p>

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).

Karpaga Vinayaga College of Engineering and Technology organized its 2nd edition Maathare - T21 , Women in Excellence the grand award ceremony to celebrate womenhood on April 9th, 2021. The main motto of this event is to identify and bring the women achievers into limelight, those who have set an example in their respective fields and encourages young talents with lots of potential and promise for the future.

We have honored 15 deserving and super talented women who are such an inspiration to the community on the whole. Honoring these wonderful ladies, created a positive aura spreading across the youngsters.

Dr. Annamalai Raghupathi, Managing Director, Karpaga Vinayaga Educational Group presided over the inaugural function of the award ceremony. Dr. Meenakshi Annamalai, Director, Karpaga Vinayaga Educational Group welcomed the gathering. Padmabhushan awardee Smt. Shanta Dhananjayan was the Chief Guest of the ceremony. She appreciated and encouraged all the awardees with her inspirational speech.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

- Youth for Clean India. Swatchh Bharat organized By Panchatya Union, Uthiramerur
- Independence day Celebration
- National voter's Day
- World AIDS Day

- Volunteers participated in a "Human Chain" organized by TNEB at Chengalpet with the motto "Save Electricity"
- Volunteers participated in a "Human Chain" organized by TNEB at Chengalpet with the motto "Save Energy and Save Power"
- Republic Day was observed - Flag Hoisting by the Principal
- Obey Traffic Rules
- "Swatchh Bharath" organized By Panchatya Union, Acharpakkam
- "Green India" organized By Panchatya Union, Uthiramerur
- Our college campus was cleaned

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://kveg.in/igac/
Any other relevant information	https://kveg.in/igac/

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	View File
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	View File
Any other relevant information	View File

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

Yes.

The institution organizes the following National festivals every year in the presence of Students, faculty members and the management within the college premises.

- Pongal Festival (Thai Thiru Naal)
- Diwali
- Ramzan
- Christmas (December 25)
- Tamil New Year (April 14)
- English New Year (January 1)
- Ugadhi (Telugu New Year)

The institution organizes the following anniversaries of the great Indian personalities

- Gandhi Jayanthi (October 2)
- Dr.Visvesvaraya Birthday (December 11 - Engineer's Day)
- Dr.A.P.J. Abdul Kalam Birthday (October 15)
- Dr.Radhakrishnan Birthday (September 5 - Teacher's Day)
- Jawaharlal Nehru Birthday (November 14 - Children's Day)

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice - I

Title of the Practice

Peer Group activities - Promoting innovative and novel ideas to live projects

Objectives of the Practice

- To create innovative thinking for design and development
- To achieve ideas and design into prototype product by the students to build confidence in them
- To inculcate research attitude among students

Best Practice - II

Title of the Practice

Students Mentoring System- The major objective of the mentoring is to facilitate the Academic, Emotional, Social and cognitive development of the students to empower them in their learning and personal development.

Objectives of the Practice

- To facilitate academic, social and cognitive development of the students to empower them in their learning and personal development
- To make students emotionally stable in sensitive situations

- To promote clarity in thinking and decision making among students

File Description	Documents
Best practices in the Institutional website	https://kveg.in/igac/
Any other relevant information	https://kveg.in/igac/

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

The Human values and social responsibilities are inculcated among the students for socio-economic transformation.

Inculcation of Human values with Social Responsibility- The major objectives of this practice is to create awareness and educate needy people of nearby downtrodden community on personal health and environment, nutrition and hygiene, energy & resources management.

Goals

- To create awareness on personal health and nutrition among school children and youth of the nearby villages
- To create awareness on hazards of chemicals and fertilizers and the uses of organic farming among farming community
- To create awareness among people of the adopted village about Swachh Bharat, Save Electricity, Water Conservation, Swachh Pakhwada, etc.

Key activities

- Organizing Medical/Dental camps in nearby villages regularly
- Conduct of Awareness Rallies in nearby townships and villages
- Conduct of NSS camps for community development
- KVCET - MTU Enterprise programmes
- Conduct of blood donation camps in collaboration with

Rotary / Lions club

- Yearly training programme on organic farming for farmers

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To further Strengthen the ICT
2. To create an Incubation Centre & more number of Centre of Excellences
3. To have more industry academic interface so that there is more corporate participation in ac
4. To implant Lecture captivating system in the institution for the purpose of blended learning
5. Conducting programmes to encourage and support students to become entrepreneurs.
6. Conducting activities to hone the creative skills of students and provide a platform to disp creativity
7. Initiatives for an ecofriendly learning space
8. Conducting student focused academic and skills development activities
9. To conduct International Conferences in the next Academic year.
10. The institution plans to focus more on Research and Development in the next Academic year b increasing the publications of faculty and also motivating students community to write research
11. To apply for NBA accreditation for all programmes under Tier-1.

12.To extend the NEP 2020 implmentation to Second year.