YEARLY STATUS REPORT - 2021-2022

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.   04427565970

- 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. — **9841122841**

- 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/2021/04/AQAR_IQAC-Report.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-Calender-21-22.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
Mr.Aruljothi	Student Project Scheme	Tamil Nadu state Council for Science and Technology	2021-22	7500
Ms. N. Bliss Shinny	Popular Lecture Series	Department of Biotechnology	2021-22	8000
Mrs. K.S. Abbirame	Seminar	Department of Biotechnology	2021-22	16000
Ms. EC Sowmiya	Conference	Indian National Science Academy	2021-22	50000
Ms.K.E.lakshmi Prabha	Student project scheme	Tamil Nadu state Council for Science and Technology	2021-22	7500
Mr.S.Perumal	Student project scheme	Tamil Nadu state Council for Science and Technology	2021-22	7500
Dr. Abitha Benson	Student project scheme	Tamil Nadu state Council for Science and Technology	2021-22	7500
Ms.N.Ajitha Parvathy	Student project scheme	Tamil Nadu state Council for Science and Technology	2021-22	7500

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

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

9.No. of IQAC meetings held during the year   `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)

`1. The Department of Bio-Technology and Mechanical Engineering was successfully accredited by NBA for three years. 2. MoUs with Industries to reduce Industry – Institution gap and enhance Industry driven education ecosystem 3.Periodical Academic and Administrative Audits. 4.Participation of NIRF and NEP 2020 Implementation activities 5.Conducted more events and special programs`

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
Applied NBA for CSE, Mechanical, Bio-Medical, Bio-Technology and Automobile Engineering Departments	**The Department of Biotechnology and Mechanical Engineering was successfully accredited by NBA for 3 years**
Planned for the faculty members to file Patents	**Nine numbers of Patents are filed and published**
Tech Enabled Teaching Learning Process	**Improved academic performance through Practice Oriented Learning**
Industry Supported Lab	**Industrial Automation lab was established in association with Robert Bosch, Bengaluru**
Gender equity promotion program	**The Institute successfully organizing Mathare-22 to honour the women achievers who have set an example in their respective fields and encourages young talents with lots of potential and promise for the future.**
Academic Audits	**Conducted for all academic departments**
Students to register for Internships	**All department final year students and also few pre final year have undergone internships**

13.Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Governing Council Meetings	**Nil**

14.Whether institutional data submitted to AISHE

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
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10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
• If yes, mention the amount	

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- Name of the statutory body

Name	Date of meeting(s)
Governing Council Meetings	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	10/01/2023

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. The courses are categorized as follows: i) Humanities, Social Sciences and Management Courses (HSMC) which includes Professional English, Communication skills etc. ii) Basic Sciences Courses (BSC) which includes Mathematics, Physics, Chemistry, Biology, Environmental Science etc. iii) Engineering Sciences Courses (ESC) which includes Engineering Practices, Engineering Graphics, Basics of Civil / Mechanical / Electrical / Biomedical/ BioTechnology/ Electronics / Instrumentation, Computer Engineering, etc. iv) Professional Core Courses (PCC) comprising the core courses relevant to the chosen specialization/branch. v) Professional Elective Courses (PEC) comprising the elective courses relevant to the chosen specialization/ branch. vi) Open Elective Courses (OEC) which includes the courses offered by a branch to other branches, from the list specified in the respective curriculum of the B.E. / B. Tech. / B. Arch. Programmes. Vii) Employability Enhancement Courses (EEC) which includes Project Work, Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training etc. viii) Audit courses (AC) which composes of the courses such as Constitution of India, Sangam literature etc. The institution will offer a multidisciplinary flexible curriculum that enables multiple entries and exits at the end of 1st, 2nd and 3rd years of undergraduate education, once it becomes autonomous. The institution is undergoing the process of getting autonomous status. Apart from the above acknowledged and prescribed category of courses, the students are encouraged to learn any multidisciplinary/interdisciplinary courses through our Innovation Lab and Industry supported Lab which provides "Learning through experience" arena. NEP 2020 suggests that the colleges will be "gradually phasing out the system of 'affiliated colleges' over a period of fifteen years" i.e. by 2035.

The phasing out of the system of "affiliated colleges" shall be supported by the mentoring of the affiliated colleges by the respective affiliating university. We have mooted this to implement in our institution and various steps have been taken

including attending seminars and conferences related to NEP 2020, identifying bench marks from various institutions for multidisciplinary courses and closely following the norms and regulations of the affiliating university.

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:

A cardinal requisite of an engineering student is to get equipped with various skills in interdisciplinary areas. KVCET has taken various initiatives to develop the skills of students by training them under Skill development programme "Naan Mudhalvan" which is an initiative of the Government of Tamilnadu and through various technology centres established inside the college premises apart from the laboratory facilities mandated by the regular curriculum. Students are trained by in-house faculty in these centres and certified by various agencies like AUTODESK, Robert BOSCH, IIT Bombay etc. We conduct the value-added courses prescribed by our affiliating university in different disciplines and this would enable them to earn academic credits apart from the skills they acquire Students will be trained in their first semester on activating productive language skills through Cambridge, an initiative of Tamil Nadu Government.

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 ancestoral 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):

All the programmes offered by our institute are well formulated, achievable and measurable with determined Programme Educational Objectives (PEOs), which the graduates would be able to achieve in their career. The curriculum is designed with twelve Programme Outcomes (POs) as prescribed by National Board of Accreditation. Each programme consists of Programme Specific Outcomes (PSOs) which our graduates would be able to present by themselves after completion of the programme. Apart from the above designed outcomes, each course has five to six course outcomes which are formulated in coordination with POs and PSOs. These course outcomes are formulated in such a way that they can be achieved and measured at the end of each course by a distinctive process. The content delivery of each course is meticulously planned at the beginning of the semester and recorded precisely in the lesson plan. The notes of lesson are also prepared by taking the course outcomes as reference and uploaded in the website for the future reference of the students.

Varieties of teaching-learning approaches are implanted in order to achieve the outcomes designed at the beginning. The POs that are not covered in regular content delivery of courses are

thought through experiential learning methods. CO attainment is calculated in a 3-point scale at the end of each course and PO and PSO attainments are consecutively calculated in a 3-point scale at the end of programme. Based on the final attainment levels, the course outcomes will be revised and analyzed whether it requires any modification. All the above outcomes are defined meticulously as the institution strives hard to restore the spirit of NEP.

20.Distance education/online education:

There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching and Learning to partly classroom partly online Teaching-Learning. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. We encourage our students and faculty to register and write examinations under SWAYAM NPTEL for several years. As per the guidelines of our affiliating University the credits earned from SWAYAM-NPTEL are considered as replacements of elective courses. The list of such courses, are approved by the Principal before the beginning of the semester so that students register for those courses which are relevant for that particular curriculum and not repetitive/duplicative in nature. The online courses have also enabled the students to complete the credit requirements by the 7th semester and in 8th semesters. Students can take up full time internship in suitable industries. This doubly benefits the students to acquire skills required by the industry and also a favorable career opportunity.

Extended Profile

1.Programme

1.1   **17**

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1201**

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   **316**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File]()

3.Academic

3.1   **125**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File]()

3.2   **118**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1		17
Number of courses offered by the institution across all programs during the year		

File Description	Documents
Data Template	[View File]

2.Student

2.1		1201
Number of students during the year		

File Description	Documents
Institutional Data in Prescribed Format	[View File]

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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		316
Number of outgoing/ final year students during the year		

File Description	Documents
Data Template	[View File]

3.Academic

3.1		125
Number of full time teachers during the year		

File Description	Documents
Data Template	[View File]

3.2 Number of sanctioned posts during the year	**118**

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)	**425.29**
4.3 Total number of computers on campus for academic purposes	**515**

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	**No File Uploaded**
Link for Additional information	https://docs.google.com/document/d/1BIBxc J9CwmLQCMXa90dEhsHatsm9GcYF/edit

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

The Academic Calendar serves as aninformation 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 commitee 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 theallotted 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/be-mechanical-engineering /mechanical-innovation-by-the-faculty/

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

17

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)

10

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

894

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

356

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-21-22.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	https://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-21-22.pdf

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

458

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

443

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 by teaching and learning process,

Performance assessments of internal assessment Softskill and aptitude training and peer group research projects for advanced learners and for slow learners, special training programs are organized:

Advanced Learners:

? Guest lectures byvsenior faculty members from reputed universities, corporate experts and scientists from research organizations to provide advanced technical knowledge in their related subjects of study.

? Institution providesregistration fee to participate in Conferences and Seminars and publications charges to publish injournals.

? Special mentors to guidein problem solving, decision making and analytical reasoning skills in peer group projects and researchactivities.

? Membership cards of British Council Library to access the academic e-resources.

? Coaching classes are conducted for preparation of competitive examinations, viz GATE/TANCET/GRE/ TOFFEL/GMAT/ CAT etc.

Slow Learners:

? Coaching classes are conducted after regular class hoursand their progress is monitored through Unit Assessments, Daily First hour tests and Short Answer Tests conducted

? Solved Exercises are provided to make familiarity in relevant topics for better understanding and performance in all assessments.

? Special mentoring and counseling are given for radical improvement in developing confidence level.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/Weakbright- 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
1185	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 beyongcurriculum, financial support fornovel and innovative peer group projects for betterlearning.

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 ? A free open source software (FOSS) is available for students of all the departments. ? 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. ? Mobile education has been implemented for effective teaching. ? Expert lectures by Anna University faculty members are available through EDUSAT facility for our students to enhance their knowledge.

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

125

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

125

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

36

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

846

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 toevaluation process.

Faculty members prepare two sets of question papers per course and after getting approval fromcorresponding 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 theinternal 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/wp-content/uploads/Exam-cell-2021-22.pdf

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

- **The Evaluated internal assessment test papers aredistributed 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 satisfiedwith assessment in answer script, concerned Faculty member would solve it immediately. If thestudent 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 Monitering System as the schedule given the University. For Practical courses, Final Assessment Marks with Attendance will be entrered.
- 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 periodicallycommunicated 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 thestudents.
- 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/wp-content/uploads/Exam-cell-2021-22.pdf

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 theirlearning outcomes for all the courses. The vision and mission are disseminated in all common areas of theinstitution 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
alsocommunicated 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
studentsaware of the outcomes of any course and convince them to
understand the importance of anOutcome-Based Education system.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://kveg.in/be-mechanical-engineering/mechanical-po-and-peo/
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.

Evaluation is based on outcome assessment from students, faculty
and placement attainments.

The program outcome assessment is used to improve the program
and the student learning,

based on score values. Assessment of program outcomes is done
through direct and indirect

methods. The direct methods include written examinations,
tutorials, assignments and seminars.

In addition, several indirect methods were used or are to be
used for assess the program

outcomes. These include surveys of graduating students, alumni,
External Stake Holders

and employers

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kveg.in/wp-content/uploads/CO_PO_1.pdf

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

280

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/wp-content/uploads/2021-2022-RESULT.pdf

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/2021/04/Student-Satisfaction-Survey-SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.69

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

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

3

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	https://kveg.in/about-cell/

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/wp-content/uploads/MSME.pdf

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

13

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

File Description	Documents
URL to the research page on HEI website	https://kveg.in/about-cell/
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

38

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

146

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 ofNational Service Scheme (NSS) with 100 students in each unit as per Anna Uiversity, 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 receivesBest Volunteersawards 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/wp-content/uploads/2021-22-2.pdf
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

7

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

32

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

389

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

54

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 10.88
- acres of 101171 sq.m. and built up area of 35026 sq.m.
- Classrooms and Seminar Halls are equipped with ICT facilities.
- Our Institution has 590 computers for students and administrative usage and the student-to-computer ratio is 3.9:1. 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.

25

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)

150.91

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)

143,009

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

212

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

KVCET network communications includes a Fiber optic backbone, offering 20 Mbps Internet connectivity to the commodity Internet and provides Intranet within the HI-TECH lab which hosts 10 laboratories. The Department has wireless Internet connectivity via a campus-wide 802.11b network to the Laptops.

The network is equipped with Routers, switches and Firewalls. Since all the machines in the computer laboratory and its annexure are connected in a switched Fiber Optic Computer Network, one can access any resource from any node in the campus.

A variety of latest software is also made available to the students. The campus computer network covering all buildings spread over 25acres has been conceived, studied, planned, designed, optimized, executed and maintained by the Department of Computer Science and Engineering.

HOSTEL

Location of the hostel is within the college premises at a walkable distance from the mainbuilding. The hostel is equipped with Wi-Fi facility and there are internet centers within the campus to ease the necessities of our students.

DEVICE NAME

BROVIS-AC 100

DATE OF UPDATION

07.11.2008 and 14.09.2009

NATURE OF UPDATION

Speed of computation and quick access

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

4.3.2 - Number of Computers

515

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)

274.37

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.

Institution follows Japanese '5S' system for maintenance and upkeep of the infrastructure facilities with the commitment of students and faculty members voluntarily. The institution has dedicated policies of maintaining and utilizing the infrastructure for curricular, co-curricular and extra-curricular activities.

Policy Details

Maintenance Policy - Physical and Academic support facilities

Utilizing Policy

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

861

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

269

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/5_organized.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

529

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

529

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   A. All of the above

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

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

257

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

22

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

6

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.

12

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 thesuggestions for the enrichment of academic activities offered by the students are considered andappropriate action are taken by the HoDs and Principal.

The student Associations, Alumni Association, Student Clubs, Forum and Cells are constituted in eachDepartment in the institution. Each Department's Association is led by student as secretary with a group ofoffice bearers. The student association plan and coordinate the Programmes like Guest Lectures,Workshops, Technical Symposium, Conferences, Events, Soft skill programmes as per the suggestionreceived from the students. The faculty coordinator and the association secretary approach the experts fromIndustry, Alumni and Academicians to act as a resource person for planned events. This liaison exploresthe opportunities for Industry Visits, In-plant training, Student Placement, offering Value added coursesand 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

17

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 curricular enrichment 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 isempowered with full autonomy for overall monitoring of administrative and academic activities. The headof the institution decentralizes the governance system and autonomy to the Head of theDepartments. 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 hasindependent heads that take decisions in line with institution policy in consultation with theprincipal/management. The various cells functioning are Governing Council, Grievance Redressalcommittee, 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 regularmeeting with HOD's to discuss policies, and everyday activities**
- **Heads of the various Departments along with faculty make the decision for various activities of thedepartment.**
- **Faculty members and administrative team are involved in the process of decision making inexecuting 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 curricularand 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 andinvolving all stakeholders at various levels. Performance, quality indexes measured at times provide clarityin 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 bypromoting 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/wpcontent/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 ofTamil 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 extra curricular 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 forall registers and records concerning the examinations and conducting of examinations for theory andpractical courses HoDs are responsible for overall department activities including budgets, academics andstudent 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-O RGANIZATION-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

A. All 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 stafffor 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 staffregularly.

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 staffand 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

112

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

14

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

86

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

Yes.

The institution maintains a system of performance appraisal for both Teaching and Non-Teaching staff every year and upon evaluation, they will be given annual increments and promotions.

Performance appraisal forms will be issued to the faculty members and Non-Teaching staff every year for providing the details regarding,

- **Student pass percentage of the subjects taught.**
- **Remedial classes conducted and the improvement inresults**
- **Papers presented and published in the National and International conferences and Journals.**
- **Targets achieved on MoUs, Placement, Industrial visits, Guest lecture, Conference organized with funds, publication of research papers on national / international conferences.**
- **Workshops organized**
- **Effective Mentoring of students**
- **Books authored**
- **Research contribution**
- **Papers Published**
- **Grants Received**
- **Ph.D Guided**
- **Contributions to the institute in terms of project proposals submitted to the funding agencies and sanctions obtained.**

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

Karpaga Vinayaga Educational Trust is a philanthropic organization with high moral values which has established various Educational Institutions in which Karpaga Vinayaga College of Engineering and Technology forms a part. The mobilization and optimal utilization of resources is in accordance with the objective of the institution's management and a well constituted council and leadership which conducts financial audits regularly.

Mobilization of Funds for various resources :

Funds are mobilized from the following resources:

1. **Student Fees, Anna University, Government and Non-Government Agencies.**
2. **Karpaga Vinayaga Educational Trust**
3. **Additional funding sanctioned from various funding agencies such as IEI, AICTE, DRDO, ICMR etc., for research and seminar proposals submitted by various departments.**
4. **Funds received from the industries for consultancy work.**

Financial Audit :

The Finance team finally audits the documents every financial year. The audits are being carried out by an external auditor.

File Description	Documents
Paste link for additional information	https://kveg.in/wpcontent/ 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

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	https://kveg.in/wp-content/uploads/POLICY1.pdf
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 establishedin the academic year 2016- 2017 to maintain and enhance quality of education. The primary aim of IQAC is to develop a system forconscious, consistent and catalytic action toimprove the academic and administrative performance of theinstitution. The next objective of IQAC is to promote measures forinstitutional functioning towards qualityenhancement through internalization of quality culture and institutionalizationof best practices.

Practices institutionalized as a result of IQAC Initiatives:

IQACreviews the academic process and audits the content of delivery,course conduction andprocess involved in teaching learning processthrough Academic Review Meeting, Class Committee Meeting, EndSemester Feedback, Mentoring System, Academic Audit andAnnualPerformance Audit.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/IQAC-2021-2022.pdf
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 Internal quality Assurance Cell of the institute is constituted as per the guidelines of NAAC. The main focus of IQAC is to establish quality metrics consistently in all the initiatives of academic and administrative activities for overall growth of the college. Being a participative cell of the Institution, it works on evolving strategies to get rid of shortage and enhance quality.

Quality Assurance Strategies

- **To establish a systematic process in academics and administration.**
- **To impart quality education to students that fosters employability, research and development.**
- **To satisfy the stakeholders by meeting their requirements.**
- **To nurture the skills and talents of the budding engineers through training and development activities.**
- **To produce engineers of high quality and ethics to the society to meet the industrial needs and standards.**

The following are a few examples of institutional reviews and implementation of teaching-learning reforms facilitated by IQAC.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/IQAC-2021-2022.pdf
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://kveg.in/wp-content/uploads/2021/12/ARI-C-16599.pdf
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, employmentand business environment, free of discrimination based on age, race, color, religion, national origin, gender, disability, genetic disorderor 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 Sciencesregularly 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	• Gender equality forms an integral part of our high valued society. The Institute promotes plans and activities in a strategic perspective through the Institution's Women Empowerment Cell. The institute fosters a culture of female gender equality and respect. • Our Director, the driving force behind all the success heads the institution by her innovative approach in learning and knowledge acquisition. More than 60% of the faculty members are women who play key roles in major positions such as Head

	of the Departments and the Coordinators of various club and various centre activities. • The Institute's women empowerment cell provides a platform for women to share their experiences and views and suggest ways for improvement and empowerment. The cell brings advancement, development and empowerment of women through Guest Lectures, Seminars, Awareness Programs and other welfare activities since its formation. • The management has provided well-structured girls hostel providing room for women faculty and students with highly protected fencing, fully equipped CCTV cameras on surveillance round the clock. Round the clock medical facility and health care are provided through our self-run Karpaga Vinayaga Hospitals situated abreast our Institution. • The Institute is organizing Mathare every year to honouring the women achievers who have set an example in their respective fields and encourages young talents with lots of potential and promise for the future.
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/wp-content/uploads/WEC-facilities.pdf

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

A. 4 or All 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 m**
- **anagement 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.**
- **Obsolate 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

A. Any 4 or all of the above

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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).

KarpagaVinayaga College of Engineering and Technology organized its 3 rd edition Maathare – T22, Women in Excellence the grand award ceremony to celebrate womenhood on May 7th,2022. 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 12 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. AnnamalaiRaghupathi, Managing Director,

KarpagaVinayaga Educational Group presided over the inaugural function of the award ceremony. Dr. MeenakshiAnnamalai, Director, KarpagaVinayaga Educational Group welcomed the gathering. Dr. MeenakshiVijayakumar , Joint Director, Tamilnadu fire and rescue services, Tamilnadu 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/wp-content/uploads/World-environment-21-22.pdf
Any other relevant information	0

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

B. Any 3 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.VisvesvarayaBirthday (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 PRACTICES-1

Enriching students through various club activities.

Objective of the Practice:

- **To improve academic performance through technical Clubs.**
- **To provide Essential Life Skills through Toastmaster International Club.**
- **To enhance mental health of students through Non-Technical Clubs.**
- **To improve social awareness among students and public**
- **To develop and improve social skills among students.**

The Context:

Clubs are an important part of student life! A club is a group of students who have a common interest and come together for a social, literary, or other purpose. Students can and should join these clubs for a variety of reasons, including the pursuit of particular interests, job networking possibilities, leadership skill development, and social networking.

BEST PRACTICES-II

Title of the Practice: Professional advice and guidance through students mentoring system and Psychosocial counselling.

Objective of the Practice:

1. To make students aware of their own strengths and weaknesses so that they can take appropriate corrective action.
2. To make students emotionally stable in sensitive situations through Student Counsellor (Psychosocial Doctor)
3. To promote clarity in thinking and decision making among students.
4. Monitor, counsel, guide, and motivate students in all academic pursuits on a continuous basis.

File Description	Documents
Best practices in the Institutional website	https://kveg.in/wp-content/uploads/Best-Practice-I.pdf
Any other relevant information	https://kveg.in/wp-content/uploads/Best-Practice-II.pdf

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

PEER GROUP PROJECTS:

- Peer assessment in groups entails evaluating one another's work and providing comments to produce better projects.
- The potential faculty member identifies the interested students for the Peer Group, comprising of students of IV, III, II-year UG and a PG in their discipline of Engineering / Technology.
- The area of interest and in turn title of the project with budget involved is presented to the evaluation committee.
- The committee approves the project based on novelty, innovation, quality, viability; application oriented and stipulated time of completion.
- After approval, Peer group students will carry out design, fabrication, testing and develop a prototype working model.
- The Peer Groups present their work in a phased manner to the committee for suggestions and improvements to be

incorporated.

- The committee will review and evaluate periodically the progress made for the successful implementation of project.
- The completed projects will be demonstrated by all the Peer Groups & by merit, certificate will be presented to the best 3 projects.

Objectives:

- 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.
- To get grant from funding agencies.

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	**No File Uploaded**
Link for Additional information	https://docs.google.com/document/d/1BIBxcJ9CwmLQCMXa90dEhsHatsm9GcYF/edit

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

The Academic Calendar serves as aninformation 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 commitee 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 theallotted 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/be-mechanical-engineering/mechanical-innovation-by-the-faculty/

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

17

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)

10

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

894

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

356

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 | A. All of the above

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-21-22.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	https://kveg.in/wp-content/uploads/Student-Feedback-Analyze-Report-Pie-Chart-21-22.pdf

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

458

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

443

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 by teaching and learning process,

Performance assessments of internal assessment Softskill and aptitude training and peer group research projects for advanced learners and for slow learners, special training programs are organized:

Advanced Learners:

? Guest lectures byvsenior faculty members from reputed universities, corporate experts and scientists from research organizations to provide advanced technical knowledge in their related subjects of study.

? Institution providesregistration fee to participate in Conferences and Seminars and publications charges to publish injournals.

? Special mentors to guidein problem solving, decision making and analytical reasoning skills in peer group projects and researchactivities.

? Membership cards of British Council Library to access the academic e-resources.

? Coaching classes are conducted for preparation of competitive examinations, viz GATE/TANCET/GRE/ TOFFEL/GMAT/ CAT etc.

Slow Learners:

? Coaching classes are conducted after regular class hoursand their progress is monitored through Unit Assessments, Daily First hour tests and Short Answer Tests conducted

? Solved Exercises are provided to make familiarity in relevant topics for better understanding and performance in all assessments.

? Special mentoring and counseling are given for radical improvement in developing confidence level.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/Weakbright-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
1185	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 beyongcurriculum, financial support fornovel and innovative peer group projects for betterlearning.

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 ? A free open source software (FOSS) is available for students of all the departments. ? 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. ? Mobile education has been implemented for effective teaching. ? Expert lectures by Anna University faculty members are available through EDUSAT facility for our students to enhance their knowledge.

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

125

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

125

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

36

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

846

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 toevaluation process.

Faculty members prepare two sets of question papers per course and after getting approval fromcorresponding 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 theinternal 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/wp-content/uploads/Exam-cell-2021-22.pdf

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

- **The Evaluated internal assessment test papers**

aredistributed 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 satisfiedwith assessment in answer script, concerned Faculty member would solve it immediately. If thestudent 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 Monitering System as the schedule given the University. For Practical courses, Final Assessment Marks with Attendance will be entrered.
- 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 periodicallycommunicated 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 thestudents.
- 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/wp-content/uploads/Exam-cell-2021-22.pdf

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 theirlearning outcomes for all the courses. The vision and mission are disseminated in all common areas of theinstitution 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 alsocommunicated 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 studentsaware of the outcomes of any course and convince them to understand the importance of anOutcome-Based Education system.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://kveg.in/be-mechanical-engineering/mechanical-po-and-peo/
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.

Evaluation is based on outcome assessment from students, faculty and placement attainments.

The program outcome assessment is used to improve the program and the student learning,

based on score values. Assessment of program outcomes is done through direct and indirect

methods. The direct methods include written examinations, tutorials, assignments and seminars.

In addition, several indirect methods were used or are to be used for assess the program

outcomes. These include surveys of graduating students, alumni, External Stake Holders

and employers

File Description	Documents
Upload any additional information	View_File
Paste link for Additional information	https://kveg.in/wp-content/uploads/CO_PO_1.pdf

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

280

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/wp-content/uploads/2021-2022-RESULT.pdf

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/2021/04/Student-Satisfaction-Survey-SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.69

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

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

3

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	https://kveg.in/about-cell/

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/wp-content/uploads/MSME.pdf

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

13

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

File Description	Documents
URL to the research page on HEI website	https://kveg.in/about-cell/
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

38

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

146

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 ofNational Service Scheme (NSS) with 100 students in each unit as per Anna Uiversity, 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 receivesBest Volunteersawards 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/wp-content/uploads/2021-22-2.pdf
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

7

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

32

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

389

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

54

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 10.88**
- **acres of 101171 sq.m. and built up area of 35026 sq.m.**
- **Classrooms and Seminar Halls are equipped with ICT facilities.**
- **Our Institution has 590 computers for students and administrative usage and the student-to-computer ratio is 3.9:1. 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.
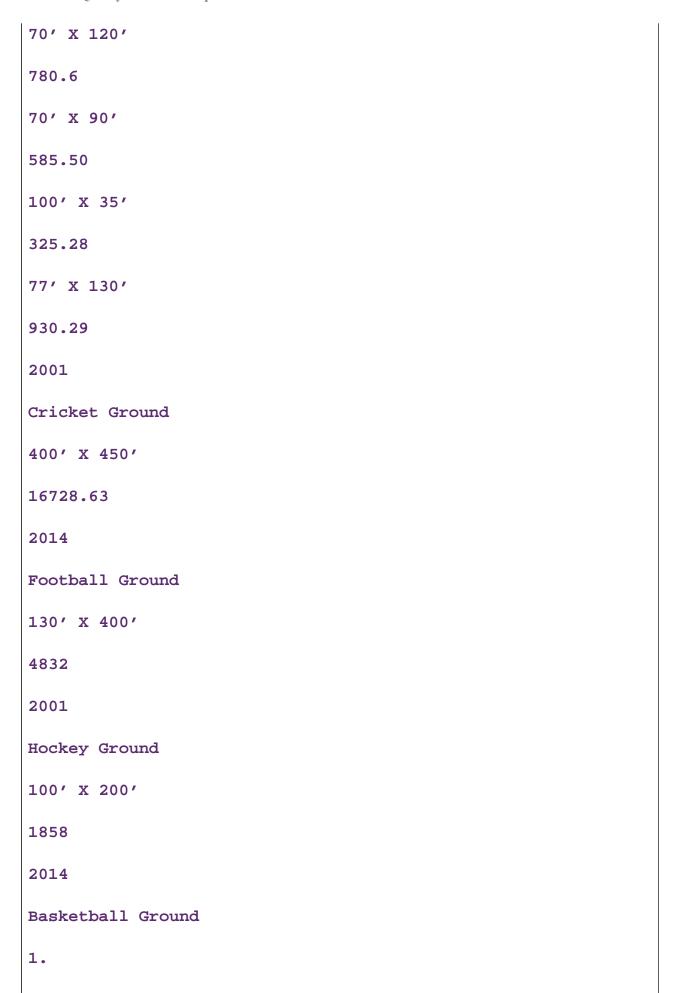
GAMES / FEATURES

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.

25

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)

150.91

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)

143,009

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

212

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

KVCET network communications includes a Fiber optic backbone, offering 20 Mbps Internet connectivity to the commodity Internet and provides Intranet within the HI-TECH lab which hosts 10 laboratories. The Department has wireless Internet connectivity via a campus-wide 802.11b network to the Laptops.

The network is equipped with Routers, switches and Firewalls. Since all the machines in the computer laboratory and its annexure are connected in a switched Fiber Optic Computer Network, one can access any resource from any node in the campus.

A variety of latest software is also made available to the students. The campus computer network covering all buildings spread over 25acres has been conceived, studied, planned, designed, optimized, executed and maintained by the Department of Computer Science and Engineering.

HOSTEL

Location of the hostel is within the college premises at a walkable distance from the mainbuilding. The hostel is equipped with Wi-Fi facility and there are internet centers within the campus to ease the necessities of our students.

DEVICE NAME

BROVIS-AC 100

DATE OF UPDATION

07.11.2008 and 14.09.2009

NATURE OF UPDATION

Speed of computation and quick access

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://kveg.in/wp-content/uploads/GPS-Snap_s-Wi-Fi.pdf](#)

4.3.2 - Number of Computers

515

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)

274.37

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.

Institution follows Japanese '5S' system for maintenance and upkeep of the infrastructure facilities with the commitment of students and faculty members voluntarily. The institution has dedicated policies of maintaining and utilizing the infrastructure for curricular, co-curricular and extra-curricular activities.

Policy Details

Maintenance Policy - Physical and Academic support facilities

Utilizing Policy

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

861

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

269

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/5_organized.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

529

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

529

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**

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

257

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

22

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

6

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.

12

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 thesuggestions for the enrichment of academic activities offered by the students are considered andappropriate action are taken by the HoDs and Principal.

The student Associations, Alumni Association, Student Clubs, Forum and Cells are constituted in eachDepartment in the institution. Each Department's Association is led by student as secretary with a group ofoffice bearers. The student association plan and coordinate the Programmes like Guest Lectures,Workshops, Technical Symposium, Conferences, Events, Soft skill programmes as per the suggestionreceived from the students. The faculty coordinator and the association secretary approach the experts fromIndustry, Alumni and Academicians to act as a resource person for planned events. This liaison exploresthe opportunities for Industry Visits, In-plant training, Student Placement, offering Value added coursesand 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

17

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 curricular enrichment 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

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 isempowered with full autonomy for overall monitoring of administrative and academic activities. The headof the institution decentralizes the governance system and autonomy to the Head

of theDepartments. 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 hasindependent heads that take decisions in line with institution policy in consultation with theprincipal/management. The various cells functioning are Governing Council, Grievance Redressalcommittee, 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 regularmeeting with HOD's to discuss policies, and everyday activities
- Heads of the various Departments along with faculty make the decision for various activities of thedepartment.
- Faculty members and administrative team are involved in the process of decision making inexecuting 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 curricularand 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 andinvolving all stakeholders at various levels. Performance, quality indexes measured at times provide clarityin 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 bypromoting 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/wpcontent/ 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 ofTamil 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 extra curricular 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 forall registers and records concerning the examinations and conducting of examinations for theory andpractical courses HoDs are responsible for overall department activities including budgets, academics andstudent 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-O RGANIZATION-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	A. All 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 stafffor 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 staffregularly.

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 staffand 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

112

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

14

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

86

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

Yes.

The institution maintains a system of performance appraisal for both Teaching and Non-Teaching staff every year and upon evaluation, they will be given annual increments and promotions.

Performance appraisal forms will be issued to the faculty members and Non-Teaching staff every year for providing the details regarding,

- Student pass percentage of the subjects taught.
- Remedial classes conducted and the improvement inresults
- Papers presented and published in the National and International conferences and Journals.
- Targets achieved on MoUs, Placement, Industrial visits, Guest lecture, Conference organized with funds, publication of research papers on national / international conferences.
- Workshops organized
- Effective Mentoring of students
- Books authored
- Research contribution
- Papers Published
- Grants Received
- Ph.D Guided
- Contributions to the institute in terms of project proposals submitted to the funding agencies and sanctions obtained.

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

Karpaga Vinayaga Educational Trust is a philanthropic organization with high moral values which has established various Educational Institutions in which Karpaga Vinayaga College of Engineering and Technology forms a part. The mobilization and optimal utilization of resources is in accordance with the objective of the institution's management and a well constituted council and leadership which conducts financial audits regularly.

Mobilization of Funds for various resources :

Funds are mobilized from the following resources:

1. Student Fees, Anna University, Government and Non-Government Agencies.
2. Karpaga Vinayaga Educational Trust
3. Additional funding sanctioned from various funding agencies such as IEI, AICTE, DRDO, ICMR etc., for research and seminar proposals submitted by various departments.
4. Funds received from the industries for consultancy work.

Financial Audit :

The Finance team finally audits the documents every financial year. The audits are being carried out by an external auditor.

File Description	Documents
Paste link for additional information	https://kveg.in/wpcontent/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

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	https://kveg.in/wp-content/uploads/POLICY1.pdf
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:

IQACreviews the academic process and audits the content of delivery,course conduction andprocess involved in teaching learning processthrough Academic Review Meeting, Class Committee Meeting, EndSemester Feedback, Mentoring System, Academic Audit andAnnualPerformance Audit.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/IQAC-2021-2022.pdf
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 Internal quality Assurance Cell of the institute is constituted as per the guidelines of NAAC. The main focus of IQAC is to establish quality metrics consistently in all the initiatives of academic and administrative activities for overall growth of the college. Being a participative cell of the Institution, it works on evolving strategies to get rid of shortage and enhance quality.

Quality Assurance Strategies

- To establish a systematic process in academics and administration.
- To impart quality education to students that fosters employability, research and development.
- To satisfy the stakeholders by meeting their requirements.
- To nurture the skills and talents of the budding engineers through training and development activities.
- To produce engineers of high quality and ethics to the society to meet the industrial needs and standards.

The following are a few examples of institutional reviews and implementation of teaching-learning reforms facilitated by IQAC.

File Description	Documents
Paste link for additional information	https://kveg.in/wp-content/uploads/IQAC-2021-2022.pdf
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://kveg.in/wp-content/uploads/2021/12/ARI-C-16599.pdf
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, employmentand business environment, free of discrimination based on age, race, color, religion, national origin, gender, disability, genetic disorderor 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 Sciencesregularly 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	• Gender equality forms an integral part of our high valued society. The Institute promotes plans and activities in a strategic perspective through the Institution's Women Empowerment Cell. The institute fosters a culture of female gender equality and respect. • Our Director, the driving force behind all the success heads the institution by her innovative approach in learning and knowledge acquisition. More than

	60% of the faculty members are women who play key roles in major positions such as Head of the Departments and the Coordinators of various club and various centre activities. • The Institute's women empowerment cell provides a platform for women to share their experiences and views and suggest ways for improvement and empowerment. The cell brings advancement, development and empowerment of women through Guest Lectures, Seminars, Awareness Programs and other welfare activities since its formation. • The management has provided well-structured girls hostel providing room for women faculty and students with highly protected fencing, fully equipped CCTV cameras on surveillance round the clock. Round the clock medical facility and health care are provided through our self-run Karpaga Vinayaga Hospitals situated abreast our Institution. • The Institute is organizing Mathare every year to honouring the women achievers who have set an example in their respective fields and encourages young talents with lots of potential and promise for the future.
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/wp-content/uploads/WEC-facilities.pdf

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	A. 4 or All 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 m**
- **anagement 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.**
- **Obsolate 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:

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

A. Any 4 or All of the above

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

A. Any 4 or all 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).

KarpagaVinayaga College of Engineering and Technology

organized its 3 rd edition Maathare – T22, Women in Excellence the grand award ceremony to celebrate womenhood on May 7th,2022. 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 12 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. AnnamalaiRaghupathi, Managing Director,

KarpagaVinayaga Educational Group presided over the inaugural function of the award ceremony. Dr. MeenakshiAnnamalai, Director, KarpagaVinayaga Educational Group welcomed the gathering. Dr. MeenakshiVijayakumar , Joint Director, Tamilnadu fire and rescue services, Tamilnadu 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/wp-content/uploads/World-environment-21-22.pdf
Any other relevant information	0

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	B. Any 3 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.VisvesvarayaBirthday (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 PRACTICES-1

Enriching students through various club activities.

Objective of the Practice:

- **To improve academic performance through technical Clubs.**
- **To provide Essential Life Skills through Toastmaster International Club.**
- **To enhance mental health of students through Non-Technical Clubs.**
- **To improve social awareness among students and public**
- **To develop and improve social skills among students.**

The Context:

Clubs are an important part of student life! A club is a group of students who have a common interest and come together for a social, literary, or other purpose. Students can and should join these clubs for a variety of reasons, including the pursuit of particular interests, job networking possibilities, leadership skill development, and social networking.

BEST PRACTICES-II

Title of the Practice: Professional advice and guidance through students mentoring system and Psychosocial

counselling.

Objective of the Practice:

1. To make students aware of their own strengths and weaknesses so that they can take appropriate corrective action.
2. To make students emotionally stable in sensitive situations through Student Counsellor (Psychosocial Doctor)
3. To promote clarity in thinking and decision making among students.
4. Monitor, counsel, guide, and motivate students in all academic pursuits on a continuous basis.

File Description	Documents
Best practices in the Institutional website	https://kveg.in/wp-content/uploads/Best-Practice-I.pdf
Any other relevant information	https://kveg.in/wp-content/uploads/Best-Practice-II.pdf

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

PEER GROUP PROJECTS:

- Peer assessment in groups entails evaluating one another's work and providing comments to produce better projects.
- The potential faculty member identifies the interested students for the Peer Group, comprising of students of IV, III, II-year UG and a PG in their discipline of Engineering / Technology.
- The area of interest and in turn title of the project with budget involved is presented to the evaluation committee.
- The committee approves the project based on novelty, innovation, quality, viability; application oriented

and stipulated time of completion.

- After approval, Peer group students will carry out design, fabrication, testing and develop a prototype working model.
- The Peer Groups present their work in a phased manner to the committee for suggestions and improvements to be incorporated.

- The committee will review and evaluate periodically the progress made for the successful implementation of project.
- The completed projects will be demonstrated by all the Peer Groups & by merit, certificate will be presented to the best 3 projects.

Objectives:

- 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.
- To get grant from funding agencies.

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. Enhancing the existing Innovation Ecosystem for Innovative ideas, projectsand Start-ups
2. Providing opportunity for students to explore experientiallearning through live-in-labs.
3. Accreditation for remaining eligible UGProgramme
4. Increase the functional MOU's with government organisations andIndustries.
5. Technical Project competitions, Innovation & DesignContests are to be conducted byeachdisciplineandstudents from second year onwards must be encouraged toparticipate

6. The institution plans to focus more on Research andDevelopment in the next Academic year by increasing thepublications of faculty and also motivating students community towrite research

7. To implant Lecture captivating system in the institution forthe purpose of blended learning.

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

9. To increase the number of students toappear for the GATE, GRE and TOEFL examinations.

10. To motivate faculty and students to participate in extension activities with Government Organisations and Non-Government Organisations.