



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY

**GST ROAD, CHINNAKOLAMBAKKAM, PADALAM - 603308,
MADHURANTHAGAM TALUK, TAMILNADU**

603308

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Karpaga Vinayaga College of Engineering and Technology (KVCET) is being established under the Aegis of Karpaga Vinayaga Educational Trust in the year 2001 with a strong motivation and deep-rooted commitment for providing quality professional/technical education with core values and guiding principles. The Institute is affiliated to Anna University, Chennai and is approved by the All India Council for Technical Education (AICTE), New Delhi and has NBA accredited programs. KVCET contains well qualified and handful experienced faculty members who act as mentors & facilitators for the students to create a comfort learning atmosphere and to produce skilled engineers with human values. The Institution is recognized by the Department of Scientific Industrial Research Organization (DSIR), New Delhi. KVCET is recognized by the UGC under 12(B) and 2(f) category.

The college offers Ten UG Program & Seven PG Program namely, B.E. Automobile Engineering, B.E. Bio-Medical Engineering, B.E. Civil Engineering, B.E. Computer Science & Engineering, B.E. Electrical & Electronics Engineering, B.E. Electronics & Communication Engineering, B.E. Mechanical Engineering, B.E. Robotics & Automation, B.Tech Bio-Technology, B.Tech. Artificial Intelligence & Data Science M.E. Big Data Analytics, M.E. Biometrics & Cyber Security, M.E. Computer Science and Engineering, M.E. Manufacturing Engineering, M.Tech. Bio-Technology, MBA and MCA. Students of KVCET are groomed carefully and the virtues of hard work, discipline and ethical practices in profession are imbibed in them constantly during their campus life. Campus life here stresses the importance of extra academic activities apart from academic learning, leading them to many new avenues. All these go a long way in making our student a thoroughbred professional, eminently suited to contribute in his chosen career with an ever open mind for new thoughts and ideas in industrial and technological advancements. We are hence confident that our students equipped with such capabilities will emerge as valuable contributory assets to the development of the organizations they serve as well as to the nation.

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

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Devoted Management with a vision for academic excellence and rural upliftment.
- Sprawling lush green campus in a serene environment with excellent infrastructure with Wi-Fi enabled campus.
- Experienced Faculty with strong work ethics, commitment to quality, positive outlook and perseverance in the face of any adversity.
- Wi-Fi Enabled campus. Library stocked with wide range of reference books, text books, journals, magazines, online resources, and digital library.
- Proactive Internal Quality Assurance Cell (IQAC) to ensure quality in Teaching learning process.
- Constituted various clubs and SAE, CSI, chapters to facilitate co-curricular and extension/outreach activities.
- MoUs with leading industries / institutes have been signed for the benefit of the students and faculty to upgrade the knowledge and inculcate the research culture.
- Effective mentoring system providing constant guidance to the student and feedback to the parent.
- Facilities available for various indoor and outdoor games and sports. Financial support to participate in national and international level events.
- EDC Cell and MSME Incubation Centre promote the spirit of innovation and entrepreneurship.
- Increased interest and effort among faculty towards research and publication in reputed journals.
- Promoting innovative and interdisciplinary projects through Peer Group Activities
- A separate placement and training cell to groom the students to be industry ready through training on communication, soft skills and special technical training.
- Effective involvement of alumni in placement of out-going students.
- Awards and Waste management system Extension and service to society through NSS, YRC, Unnat Bharat Abhiyan. Constant Endeavor to upgrade quality.

Institutional Weakness

- Limited academic freedom
- Majority of the students are from rural areas, so improving overall personality development of the students is a challenge
- Institute lacks in revenue generation through consultancy

Institutional Opportunity

- Skill development programmes and trainings from first year onwards.
- Investment in e-learning and starting of Massive Online Open Course (MOOC's) is an opportunity waiting to be harnessed for quality education and to generate resources particularly through distance education mode.
- Scope for commercialization of research outcomes.
- Training the students in the new technology areas for enhancing employability.
- Revenue generation through resource sharing.
- Faculty and student exchange programs with foreign Organizations.
- Having potential to become an autonomous Institute to address the shortcomings under affiliation system.
- Establishment of Research Centers in emerging areas in all departments.

Institutional Challenge

- Curriculum and Regulation restrictions of the Parent University.
- Establishing High-End Labs for the courses with the help of Industry support.
- Obtaining funds from the Industries for research projects.
- Improving Quality of student intake in certain departments due to change in preferences.
- Increase placements in core industries.
- Execution of collaboration with foreign Institutions.
- In this fast-growing technological era, it is becoming difficult to adjust and adapt quickly since the academic curriculum is prescribed by the affiliating Anna University.
- Improving the employability of the students in the current scenario of rapidly changing technology.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- The Karpaga Vinayaga College of Engineering and Technology is affiliated to Anna University, Chennai with the guidelines of AICTE and the curriculum is strictly adhered to the curriculum prescribed by Anna University for all courses.
- Considering the technological advancements, the curriculum for the undergraduate programs of engineering is shaped in the form of Humanities, Basic and Engineering Sciences, Mathematics, Professional Core, Professional and Open electives and Skill development courses. The curriculum also includes Mini projects, laboratory and project work, technical Seminar, and training in latest software's and technologies which is offered under Skill development programme "Naan Mudhalvan" which is an initiative of the Government of Tamilnadu.
- The institution encourages the faculty to keep themselves update their knowledge by offering refresher courses, faculty development programmes and workshops.
- The Academic calendar of the institute reflects University's academic calendar and includes curricular, co-curricular, extracurricular activities.
- Academic-Calendar and Teaching-plans are strictly followed and are audited regularly. Well defined mechanism for planning, execution and monitoring of curriculum and value added courses to enhance the skills of students towards industry expectations and competitive examinations. Institution is sensitive to gender, environment issues, human values and professional ethics and conducts different programs.
- Allotment of subjects including open electives is done by the HOD based on the faculty expertise and preference obtained as per preference given by faculty.
- Course file which consists of a detailed lesson plan is prepared by focusing on Outcome Based Education. For each course Question Bank, Lecture Notes, is prepared which is scrutinized by Audit committee and then approved by IQAC. Affiliating University has introduced courses on professional ethics, Constitutional Rights and Environmental science.
- Departmental activities are scheduled which include Industrial visits, In plant training, Guest Lectures, Project Competition, Seminars, Conference, Placement and Training and Association activities. MOOCs Certification Courses.
- NPTEL Active chapter award. Compulsory Internship, Field projects. The IQAC monitors and assists the faculty members for effective curriculum delivery.
- The feedback received from the students and stakeholders are carefully analyzed, discussed and

appropriate actions are initiated. The curricular gaps are identified and communicated to University.

Teaching-learning and Evaluation

- KVCET adheres to the guidelines, rules and regulations laid by Tamil Nadu Government admission reservation norms for UG and PG programmes. The admission to UG programmes in our college is by Single Window Admission System through Directorate of Technical Education and for PG courses through Tamil Nadu Common Entrance Test by Anna University and Consortium.
- The Institute has admitted, quality students from diversified domicile and on an average of 70% of students were admitted from reserved category during the last five years.
- Special initiatives are taken for improving the skills of advanced and slow learners to make them ready for the present industrial needs.
- Reformed Teaching Learning methodology is implemented with effective usage of ICT tools for interactive learning and easy understanding. The team of well qualified faculty is always available more than the sanctioned post at the institute with a faculty student ratio of 1:18.
- An effective mentoring system with an average of 1:15 mentor mentee ratio for last five years is present to resolve the academic and personal issues of the students.
- As the institute follows OBE with Choice Based Credit System, usage of ICT tools for quality Teaching, Self-Learning and Assessment are effectively implemented and practiced. Some of the tools include e-learning resources, digital library, google classroom, MOODLE, NPTEL, etc.
- Internal assessment is scheduled with adherence to the university academic calendar and Bloom's Taxonomy is followed to evaluate the students' performance.
- An average pass percentage of 85% is attained for last five years in the final year examinations. Any grievances in conduction and evaluation are addressed by exam grievance committee both for Internal and University Examinations.
- Quantifiable COs are framed for all courses in the curriculum and disseminated to all stakeholders through website, prominent locations, manuals and meetings. CO attainment is measured 90% by direct assessment such as formative and summative assessments and 10% by indirect assessment such as course end survey. The PO/PSO attainment is measured 80% through direct assessment from all CO attainment and 20% from various surveys like graduate exit survey, Alumni and Employer survey.

Research, Innovations and Extension

The Institution fosters the minds of the faculty members and students towards research and development by adopting various strategies and incentives. The faculty members and students are encouraged to participate in seminars, workshops, conferences, publication and patents.

- Institution has a dedicated team of researchers. A senior faculty member in each department has been nominated as research coordinator.
- Students are encouraged to take up research project under the supervision of the faculty members. Potential students are identified and promote them to carry out interdisciplinary peer group projects. Seed Money is given to students to boost innovation in campus.
- The college also has a dedicated Entrepreneurship Development Cell and MSME Incubation Centre to nurture innovations and so far four startups were incubated in our incubation centre.
- Research grants has been received from various funding agencies viz., MOES, SERB, DBT, DAE, TNSCST, AICTE etc tuned to Rs. 40 Lakhs for the last five years.

- The faculty members pursuing research are encouraged by providing them the required equipment, books, leaves for research work, financial assistance for conferences/journals, e-resources, computer facilities, Wi-Fi etc.
- The faculty members who do not possess Ph.D degree are advised to register for research work. Research papers have been published in the SCOPUS Indexed, UGC recognized journals during last five years.
- More than 200 research articles have been presented in national/international Journals. More than 400 books/Chapters and conference papers have been published by faculty members. Institution has active MOUs with Industries, Institute of national Importance for Industry Academia linkages.
- More than 200 industrial linkage program such as internship, field trip, on-job training have been organized.43 Mou have been signed with reputed firms.
- Faculty members and students are actively involved in Institutional Social Responsibility activities through structured forums like NSS, YRC, and Clubs and Societies and programs/ activity conducted by Govt. Organizations.
- Many recognition and awards are received for various extension activities from University, State level agencies and NGOs.
- Numerous of the activities have been organized through Unnat Bharath Abiyan Scheme in near past, such as tree plantations, adoption of the village, having a residential camp for building a rapport.

Infrastructure and Learning Resources

- The state-of-art infrastructure augments learning environment is the significant impact of the institution.
- The Management of Institutions is committed in enhancing the infrastructure as and when needed which promotes a good teaching learning environment.
- Campus area has 25 acres and built up area of 35026 sq.m.
- Classrooms and Seminar Halls are equipped with ICT facilities.
- Our Institution has 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 internet facility is supported by Railtek Services with 1 Gbps Internet Leased Line.
- The institution central library is spacious, well ventilated & lighted with an area of 7521Sq.ft with a Seating Capacity of the library 150. Library activities are fully automated by AUTOLIB Software including OPAC and barcode scanner.. The Library has a collection of 40,080 text books, 8280 reference books, 15321 e-books, 739 journals, 2603 e-journals. The E-Journals can be accessed through LAN (campus wide network). The college library has reprographic services and other essential services. The college has institutional memberships for DELNET, E-Shodhganga, and NDL. The Digital section is connected to the internet to access various online resources.
- 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 power is supplied by the Electricity Board with a peak load of 95 kVA, and it is augmented by two diesel generators capable of giving a backup power of 340 kVA. The maintenance of equipment like Diesel Generator Sets, Power Distribution Systems, Elevators, Air-conditioners, Fire-Fighting Equipment, Drinking water, Water coolers and Solar Panels etc. is well undertaken.
- 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.

Student Support and Progression

- Institution puts in relentless efforts for the all round development of students. Student chapters of various professional societies like CSI, ISTE, SAE, Students Clubs, NSS, YRC Games and Sport Committees actively organize Technical & Cultural Fests, Social activities, co-curricular activities.
- More than 80% of the students avail scholarships & free ships from Government as well as the institution.
- Guidance for competitive examination, soft skills training, Life skills, ICT/Computing Skills Yoga and meditation classes are initiatives for student all round development.
- Also training on niche areas is given to students under “Naan Mudhalvan” – a Skill development programme which is an initiative of the Government of Tamil Nadu.
- Grievance Redressal-Committee and Anti-Ragging-Committee and Internal complaints committee help the students to address the issues, if there are any.
- Institution has a good placement record and on an average 80% of the students is placed on campus. More than 15% of the students opt for higher education in prestigious institutions.
- The institute follows a mentoring system in which around twenty students are assigned to each faculty member. The mentors will meet the students periodically and monitor their performance and their progress.
- A plethora of sports and cultural activities / competitions are organized by the institution wherein the students play an important role in planning and organizing. Several students have excelled in sports at National/ University Level and having won prizes, representing state and University in various competitions. More than 50 sports/cultural activities/competitions are organized in the institution every year.
- The Alumni association contributes actively to the growth of the institution through the alumni association. Alumni association with active contribution of alumni in enhancing teaching learning process and placement training activities. Our Alumni Association has been registered as a Society under Tamil Nadu society’s registration 1975 (Tamil Nadu Act 27 of 1975) with the Registration Number: 101/2017. Alumni Members are invited for various knowledge transformation programs for the mutual benefit. They are also invited to attend alumni meet where they are felicitated and invited to put forth their suggestions.

Governance, Leadership and Management

- The institution has an effective and transparent governing system in tune with the vision and mission of the Institution.
- The organization structure of the institution and decentralization is clearly defined in the campus. The Governing Body conducts periodical meetings where analysis the progress of the institution and recommends the improvements.
- The Management has constant touch with the Principal, Dean, Associate Dean-Academics, Associate Dean-Accreditation and Administrative Officer to maintain cordial rapport to discuss the infrastructural needs, development, administration and appointments.
- The Principal is the Academic and Administrative head of the college and responsible for the implementation the Vision and Mission of the college.
- Institution/ departments have a clear perspective/ strategic plan and it is deployed effectively. Each

functional body is clearly defined with service rules and procedures. Institution has well defined procedures for recruitment and promotion.

- Institution has implemented e-governance in the all the areas of administration, admission, examination process and academics.
- Various bodies/ cells/ committees are working effectively and regular meetings are called for the discussion and minutes are recorded.
- HODs organize Career Guidance Programmes, Workshops, Value added course, symposium, social relevance activities, Seminars and Conferences to enrich the knowledge and showcase the talents of students.
- More than 70% of teachers benefited with financial support for attend conferences/ workshops and towards membership fee of professional bodies during the last 5 years.
- More than 50 professional development/ administrative training programs organized in the campus for benefits of teaching and non-teaching staff during the last 5 years.
- More than 70% of teachers benefited from attending professional development programs.
- Institution has implemented various welfare measures for teaching and non-teaching staff to keep them comfortable.
- The Institution follows rigorous Quality Assurance processes that pave the way for ensuring academic excellence.
- The IQAC is responsible for the effective implementation of the Quality processes.
- IQAC is conducting quarterly meeting and organized collaborative quality initiatives.

IQAC conducts the Academic and Administrative Audit and based on the observation of the report, quality recommendation are given.

Institutional Values and Best Practices

- The efforts to evolve new ideas and strategies in line with the Vision and Mission of the institute made the institute distinctive in the region.
- The Karpaga Vinayaga College of Engineering and Technology is responsive to the emerging challenges and issues such as gender equity, environmental sustainability and professional ethics etc. A gender friendly environment of our campus builds very good relations between boys and girls and respect for each other. The academic ambience of the college addresses gender equity promotion programs every year and ensures gender sensitivity in providing facilities such as safety and security on the campus, student's counselling and Redressal actions. 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.
- The institution has adopted various measures to maintain a green campus which helps in developing an eco- balanced environment inside the campus with trees and beautiful lawns. Usage of solar panels, rainwater harvesting, sewage water treatment plant, drip water sprinklers, energy saving measures etc., are demonstrated well and the greenery concept is followed in the campus. Steps are initiated by the institution for the management of degradable and non-degradable wastes.
- The best practices are oriented towards the quest for excellence and with concrete efforts this can bring a change in the life of the whole institution as well as the stake holders.
- Various training programmes, Industry connected value added programmes are being organized continuously to make students industry ready.
- Through service and cultural clubs various events are conducted to ensure gender equity and sensitization in cross cutting issues.

- The KVCET clubs also celebrates national and international commemorative days, and organizes events and celebrate festivals regularly. This will make students to excel in logical thinking team building skills and leadership skills.
- The two best innovative practices that the institution follows to enhance the quality of students are Student Mentoring and Peer Group Projects.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	GST Road, Chinnakolambakkam, Padalam - 603308, Madhuranthagam Taluk, Tamilnadu
City	Chengalpattu
State	Tamil Nadu
Pin	603308
Website	www.kveg.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	P. Kasinatha Pandian	044-71565297	9524008938	-	kvcet@live.com
IQAC / CIQA coordinator	Dinesh Kumar S	044-9790762008	9841122841	-	softdin@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Tamil Nadu	Anna University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	20-12-2017	View Document
12B of UGC	20-12-2017	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-05-2023	12	
AICTE	View Document	15-05-2023	12	
AICTE	View Document	15-05-2023	12	
AICTE	View Document	15-05-2023	12	
AICTE	View Document	15-05-2023	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Department of Scientific and Industrial Research DSIR
Date of recognition	29-08-2019

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	GST Road, Chinnakolambakkam, Padalam - 603308, Madhuranthagam Taluk, Tamilnadu	Rural	25	35026

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Co course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Automobile Engineering,	48	HSC or Equivalent	English	30	1
UG	BE,Biomedical Engineering,	48	HSC or Equivalent	English	60	60
UG	BTech,Biotechnology,	48	HSC or Equivalent	English	60	58
UG	BE,Computer science And Engineering,	48	HSC or Equivalent	English	90	87
UG	BE,Civil Engineering,	48	HSC or Equivalent	English	30	10
UG	BE,Mechanical Engineering,	48	HSC or Equivalent	English	30	11
UG	BE,Electronics And Communication Engineering,	48	HSC or Equivalent	English	30	29
UG	BE,Electrical And Electronics Engineering,	48	HSC or Equivalent	English	30	16

UG	BTech,Artificial Intelligence And Data Science,	48	HSC or Equivalent	English	60	57
UG	BE,Robotics And Automation,	48	HSC or Equivalent	English	60	28
PG	Mtech,Biotechnology,	24	B.E or B.TECH	English	24	24
PG	ME,Computerscience And Engineering,	24	B.E or B.TECH	English	18	14
PG	MCA,Master Of Computer Applications,	24	Any Degree	English	60	60
PG	MBA,Master Of Business Administration,	24	Any Degree	English	60	60
PG	ME,Manufacturing Engineering,	24	B.E or B.TECH	English	18	17
PG	ME,Big Data Analytics,	24	B.E or B.TECH	English	18	10
PG	ME,Biometrics And Cyber Security,	24	B.E or B.TECH	English	18	16

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	21				19				78			
Recruited	16	5	0	21	8	11	0	19	31	47	0	78
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				65
Recruited	50	15	0	65
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				26
Recruited	18	8	0	26
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	16	5	0	6	7	0	1	0	0	35
M.Phil.	0	0	0	0	0	0	2	10	0	12
PG	0	0	0	2	4	0	29	37	0	72
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	196	0	0	0	196
	Female	161	0	0	0	161
	Others	0	0	0	0	0
PG	Male	114	0	0	0	114
	Female	87	0	0	0	87
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years						
Category		Year 1	Year 2	Year 3	Year 4	
SC	Male	44	32	37	81	
	Female	26	20	32	82	
	Others	0	0	0	0	
ST	Male	0	0	0	0	
	Female	0	0	0	1	
	Others	0	0	0	0	
OBC	Male	114	61	107	173	
	Female	91	64	82	107	
	Others	0	0	0	0	
General	Male	14	7	7	11	
	Female	0	4	9	3	
	Others	0	0	0	0	
Others	Male	14	0	0	0	
	Female	0	0	0	0	
	Others	0	0	0	0	
Total		303	188	274	458	

Institutional preparedness for NEP

1. 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

	<p>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.</p>
2. Academic bank of credits (ABC):	<p>Our institution is going to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and University authorities. 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. 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. If a student discontinues from our institution and joins in some other institution in any inevitable situations, he/she can obtain marksheets from our affiliating university and produce it in the new institution so that the credits already earned by the student will also be taken into account. Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, etc. or of any specified University shall also be considered for credit transfer and credit accumulation. The institution has been encouraging the faculty members to prepare the course material, assignments, quiz, etc. in MOODLE. By this way, the institution promotes digital learning and assessment.</p>
3. Skill development:	<p>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</p>

	<p>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.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the Multilanguage multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on 'Indian Constitution and Traditional Knowledge' for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of Fine Arts Club, competitions are being regularly conducted in the regional language viz Tamil on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India. The Parent University has also introduced two UG courses (B.E.- Civil Engineering and Mechanical) Engineering in Tamil Medium. Tamil culture is the oldest and most influential in the world known for its literature and art. The college offers 'Heritage of Tamil', a paper in semester 1 as a part of curriculum for the learners to appreciate legacy of this state. Spoken English and advanced English courses are also offered as the certification courses.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>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</p>

	<p>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.</p>
6. Distance education/online education:	<p>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</p>

suitable industries. This doubly benefits the students to acquire skills required by the industry and also a favorable career opportunity.

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>KVCET-ELCs, has been setup in the college. Activities and Games are designed to stimulate and motivate students provoking them to think and ask questions. The club collaborates along with the Government, the District Collector who is also the District Election Officer (DEO) periodically participate and assign events to the club to create awareness on the importance of voting. Through ELC, Election Commission of India aims to strengthen the culture of electoral participation among young and future voters. KVCET-ELCs, members will be part of interesting and thought-provoking, mostly classroom based activities and games. There are such activities and games which have been carefully designed to impart specific learning which will help them become an 'Empowered (Prospective) Voter'</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The club will have student co-ordinator and co-ordinating faculty members as its members. One can become a member by registering herself/himself at the beginning of the academic year. After registration, one is recognised as a member till the completion of her/his graduation course. On requirement basis the club conducts seminars to help students know about their rights and encourage them to exercise those rights by participating in the elections. The club also encourages students to take part in competitions conducted by SVEEP (Systematic Voters' Education and Electoral Participation Program) as this will help develop their skills and confidence. Our students and staff have participated in the competitions.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of</p>	<p>Every year the club conducts seminars to help students know about their rights and encourage them to exercise those rights by participating in the elections. The club also encourages students to take part in competitions conducted by SVEEP (Systematic Voters' Education and Electoral</p>

<p>poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Participation Program) as this will help develop their skills and confidence. Our students and staff have participated in the competitions. Our staff coordinator Dr.Thilak Assistant Professor / Physics has actively involved the students in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Every year students are encouraged do the mini and major projects in Electronics vote Machine (EVM). ELC is creating awareness among the public through posters and Participating competition as per the direction of District collector office. A rally is organized by our district collector is every time before the elections on prime location of the district where our students regularly participate actively and propagating democratic values.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The club collaborates along with the District Collector office who is also the District Election Officer (DEO) periodically participate and assign events to the club to create awareness on the importance of voting through various programs like rally, surveys and conducting Competitions.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1466	1201	1069	1068	1383

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 231

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
118	118	118	119	119

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
495.20	304.80	186.22	331.53	533.15

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Karpaga Vinayaga College of Engineering and Technology is affiliated to Anna University, Chennai and has insignificant role in curriculum designing and development. The university formulates and revises the curriculum once in four years. Also, the implementation will be well documented to have effective monitoring of the curriculum delivery at various levels. Our Institution imparts Outcome Based Education (OBE) to provide Student centric instruction model that focuses on measuring student performance through outcomes to accomplish the Vision and Mission of our Institute. Outcomes include knowledge, skills and attitude.

Academic calendar

The Institute prepares appropriate academic calendar as per the affiliating University Academic Schedule before commencement of each semester. A committee is constituted by the principal every semester to design the academic calendar of the institution. It incorporates important timelines like commencement of classes, last working day, Holidays, Schedule of Continuous Internal Assessments, and Commencement of End Semester Examinations. During unavoidable circumstances any changes in the academic schedule if intimated by the University to the college is implemented and is adhered by the Institution.

Curriculum Delivery Plan and Implementation

Our Institution treads through student centered Outcome Based Education where the performance is measured through Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) to attain the Vision of the Institution. The Institution adheres to Choose Based Credit System (CBCS) as prescribed by University Curriculum recommendations. The Institute conducts Induction Programmes and bridge courses for the first year and lateral entry students respectively before commencement of the academic year.

The AU curriculum is a blend of Humanities, Basic Science, Basic engineering, Core Courses, Elective courses, Projects and Seminars.

Course Allocation:

Before the commencement of every semester, the course competency matrix is formulated. The course allocation is done based on the choice/expertise of the faculty members by the HoD. Elective subjects are finalized with the willingness of the students.

Course File :

Course file is prepared by the faculty members with a detailed lesson plan, handouts, assignments, question bank, answer keys, previous university question papers and quiz questions. To assess the knowledge of students, question papers for the Internal Assessment tests are prepared with desired Bloom's Taxonomy levels.

Slow learners are identified based on the performance in University Examinations and CIA, Remedial/Coaching classes are conducted. Students' feedback on Teaching Learning Process is collected in the Class Committee meetings and online mode regularly. Class Committee meetings are conducted periodically as per regulating guidelines of affiliating university. The feedback is analyzed and remedial actions are taken for effective curriculum delivery.

Apart from the regular curriculum the departments organize Value added courses, Guest Lectures, Seminars, Webinars, Industrial Visits and In-Plant Training to bridge the gap between academia and industrial requirements. COs, POs and PSOs are evaluated using direct and indirect assessment methods for continuous improvement in curriculum delivery. Internal Quality Assurance Cell (IQAC) strategizes the curriculum delivery process and ensures effective implementation and documentation.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility**1.2.1**

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 41

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files

1	View Document
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1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 57.81

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
918	725	475	707	752

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 57.98

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 850

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 50.65

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
558	458	274	188	303

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
696	696	696	714	714

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 100

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
290	322	322	296	296

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
290	322	322	296	296

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 12.42

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Our institution takes effort in teaching learning process towards student centric approach by adopting various suitable learning methodologies to facilitate life-long learning. The Institute organizes various Faculty Orientation Programs on Pedagogical initiatives to improve teaching learning process through innovative methods. As an active institutional practice topics of relevance from modern Pedagogy are included in the course plan by the faculty.

Experiential Learning:

- Every student is made to have an experiential learning path through each curriculum imparted in theory and practical subjects based on blooms taxonomy level.
- Every semester departments organize Industrial Visits and arrange Internships in company to gain exposure to industrial practices.
- Students are encouraged to participate in internal / external college workshops, National conferences/International conferences etc.
- Students are made to carry out mini Projects and main projects to have more experiential learning.
- Value added courses and workshops are organized to gain hands on experience in latest technologies.
- Audio visual learning in Language Lab.
- Online learning through Spoken Tutorials
- Guest lectures by eminent industry experts are arranged to facilitate students to acquire real time knowledge in recent technologies.
- Internal Quality Assurance Cell (IQAC) is built to ensure a quality education at the institution level through continuous reviews and periodic meetings.

Participative learning:

- Students participate in Online Lecture Tutorials, NPTEL courses.
- Students are encouraged to participate in national level competitions, conferences, seminars and workshops in and outside the college.
- Students are motivated to participate in Hackathon, Professional Society events where students can explore their ideas and innovation towards awards and achievements.
- Seminars, Industrial visits and Guest Lectures influence them to understand the concepts and the subsequent process implementation in appropriate way.
- Peer Group Project helps the students towards ideation and implementation.
- Through various club activities, the spirit of teamwork and social responsibility is instilled among students.
- Participated learning is promoted in regular classes by variety of teaching methods like Think-Pair-Share (TPS), Flipped Classroom, Peer learning, Online Courses, Seminar, Group discussion, enacting Role Play etc for easy understanding of concepts.

Problem Solving Methods:

Problem based learning (PBL) enables the students to think about facts and possible solutions for

problems in their day to day life by applying the concepts and principles. The PBL also makes the students to think out of the box.

- Tutorial hours are conducted for analytical subjects in the curriculum to solve problems related to the subject.
- Students are motivated to take up case studies and implement the various methods/ techniques to solve the problem.
- The students are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum thereby creating a platform to learn and interact with IIT professors.
- In addition to general aptitude and logical reasoning classes, second and third year students are offered value added programs which improve their problem solving skills.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
118	118	118	119	119

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 25**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
30	30	33	31	24

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

KVCET have separate exam cell to conduct internal assessment and university exam, we follow Continuous Internal Evaluation to make assessment system more transparent. The institute is affiliated to Anna University Chennai, so it follows the regulation of the University to conduct internal assessment, University theory and practical exam. Anna University provides the Academic schedule which includes timelines for internal assessment and uploading of internal marks in University web portal.

Conduct of Internal Assessment Test

- In adherence to the Academic Calendar, the examination cell provides guidelines for preparation of question papers and disseminates detailed Timetable in time for smooth conduct of examinations. Nominated Coordinators from each Department ensure the conduct of Internal Examinations.
- Two Internal Assessment Tests (IAT) and one model exam are conducted during each semester. Internal Assessment Test schedules are communicated to students and faculty in the beginning of

the semester through Institute academic calendar based on the university academic calendar.

- The Internal exam time table is also displayed on the notice board before a week from the commencement of the exam.
- Internal Assessment Examination question papers are framed based on the previous semester University question papers and the question bank. It follows Bloom's Taxonomy through which COs is attained.
- Answer scripts are evaluated by the subject handling faculty and returned to students on the third day from the completion of exam.

Conduct of University Examinations

- Candidates are permitted to appear for the semester examination after they registered for examination in all courses according to the Anna University regulations.
- The Chief Superintendent (CS) is appointed by the Principal. Examination schedule and fee circular will be displayed in Notice boards. Anna University Representative (AUR) is appointed by the Zonal office.
- Question papers are issued by the University in sealed covers and opened at least 10 minutes before the scheduled time by CS & AUR. Invigilation duty, Hall & Seating arrangements and hall ticket distribution - by the Exam Cell as per University requirements.
- The sealed covers are handed over to the Zonal office by the Chief Superintendent through University Representative. Any malpractice of the candidate is booked and reported by the hall superintendent to the Chief Superintendent/COE.

Students Grievances:

Grievance related to examinations if any are handled in an efficient and time bound manner.

- The grievances regarding continuous assessment shall be filed within two working days of announcement of marks/result and the decision shall be taken within the next two working days.
- If any grievances are validated in the evaluation scheme or key of evaluation the same shall be intimated to the course coordinator and mark allocation is revised.
- Students who have failed to attend the exam due to proper medical issues and unforeseen events are allowed to take a test on another day with a new question paper.

Grievances identified regarding Anna University Examination such as applying photocopy, revaluation and review process for the results they obtained, other grievances like correction in the grade sheet (DOB, printing mistakes, duplicate grade sheet, etc.) are rectified by CoE of Anna University.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

As the Institution follows **Outcome Based Education**, all the programmes have clearly defined their learning outcomes for all the courses. The Course Outcomes form the basis for achieving the POs/PSOs and Mission and Vision of the department and institute. The Course handling faculty in consultation with the program coordinator defines the course outcomes using Bloom's Taxonomy. The 12 graduate attributes are defined as Program outcomes and disseminated in all classrooms and Laboratories for awareness among the students. The Department Advisory Board (DAB) reviews the Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) and is approved by the IQAC.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes are made aware through the following procedures:

- POs and PSOs are approved by the Department Advisory Board. POs and PSOs are available in the Institute website.
- POs and PSOs are posted in corridors, classrooms Department office, Laboratories and library of the campus for staff, students and public view.
- During the department review meeting the attainment of Cos, POs and PSOs are reviewed among the faculty members.
- POs COs and PSOs for each program are disseminated to the students by respective Department HoDs during Induction Program arranged by the institute for newly joined students.
- The course instructor describes the relevance of POs, PSOs and COs to students during the beginning of each course. COs along with lesson plan are printed and issued to the students during the first class.
- Students are made aware of the COs of each Course by mentioning COs in the Internal Assessment question papers.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Evaluation and Attainment of COs, PSOs:

The assessment methods and processes used for the attainment measure of each of the Program Outcomes and Program Specific Outcomes are as follows

- For each course, the course instructor will identify six course outcomes (CO) & these COs are mapped with relevant Program Outcome (PO) as high, medium & low.
- The consolidated matrix of CO-PO mapping is done for each program & the same for the CO-PSO mapping.
- The CO attainment levels can be measured based on the marks scored by the student in internal assessment and external examination conducted by the university. This is a form of direct measurement of attainment. As per the university norms three Internal Assessment Tests, Seminars, Assignments, Quiz are conducted for each course in a semester.
- In each test, the percentage of students who achieve a set target for the COs is computed. After the three tests, the average of these percentages is computed to decide the attainment level.
- Indirect assessment strategies are implemented by embedding them in the Survey.
- For all the courses, 20% weightage is given for Internal Assessment and 80% weightage for External Assessment.
- PO attainment is calculated through direct and indirect assessment methods. The direct assessment has a weightage of 80%. Indirect Assessment has a weightage of 20% and is measured based on the various surveys like Graduate Exit Survey, Employer Survey and Alumni Survey.
- If the target set for POs attainment is achieved consecutively for three batches, then the set target is revised to a higher value and the process is repeated for the next academic year. If the target set value for PO attainment is not achieved, corrective measures are taken to fill the gap and the same process is repeated for the next academic year.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3**Pass percentage of Students during last five years (excluding backlog students)**

Response: 84.1

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
277	279	350	401	370

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
384	311	358	414	527

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey**2.7.1****Online student satisfaction survey regarding teaching learning process****Response:** 3.84

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 38.55

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

2022-23	2021-22	2020-21	2019-20	2018-19
8.41	0.69	5.01	7.8	16.64

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 27

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
04	08	05	04	06

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.32

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
25	19	12	9	10

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.26

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
28	0	1	30	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

KVCET promotes regular engagement of faculty, students and staff with neighbourhood community for their holistic development and sustained community development through various activities. The college motivates the student's social participation and also drives to achieve its goal of providing higher technical education to create equitable society with ethical values. The Institute is conscious of its role in campus community connection, well-being of its neighbourhood and has initiated a number of community development activities.

KVCET has the following active clubs to nurture and create the social, holistic development among the man kind. The notable clubs which serve and fulfil the task of holistic development across the man kind are Go Green Club, Unnat Bharath Abhiyan (UBA), NSS, YRC and Women Empowerment Cell.

NSS – KVCET has conducted various health camps, Swachh Bharat Campaigns, Plastic Awareness Campaign, Pollution Awareness Programmes, COVID-19 Awareness Programmes, Tree Plantation etc. are conducted by the institute to benefit neighbourhood community. Besides, KVCET, has conducted the blood donation camps to create the awareness about the wellness of the human society, many of them volunteered themselves and helped the needy peoples directly and indirectly. Moreover, to create the awareness about the greenhouse effect and safe guard our mother earth as well with the intention to reduce the carbon foot print in nearby areas, KVCET has conducted tree planation camps in Vaiyavoor village, through this event, insisted the importance of the plantation among the peoples of the village. Villagers are very much keen and interested to listen the set of awareness program poised by KVCET. Apart from that, to imbibe the importance of wellness of the humans towards to make them fit physically and mentally, awareness programs were organized related to Yoga – A way of life on international yoga day by YRC. This program actually creates the awareness on how to main the body fit in this modern technological world.

The Karpaga Vinayaga College of Engineering and Technology is responsive to the emerging challenges and issues such as gender equity, environmental sustainability and professional ethics etc. A gender friendly environment of our campus builds very good relations between boys and girls and respect for each other. The academic ambience of the college addresses gender equity promotion programs every year and ensures gender sensitivity in providing facilities such as safety and security on the campus, student's counselling and Redressal actions. 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.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

We at Karpaga Vinayaga College of Engineering and Technology (KVCET) have not only scored great accolades in academics alone, also for extension activities by organizing various social awareness programs through our clubs.

The NSS student volunteers used to visit villages and extend their services regularly. The NSS volunteers used to organize blood donation camp, free eye screening camp, free medical checkup camp, general awareness camp, rally for social awareness, cleaning the nearby villages, etc. Our College NSS unit receives **State Level Best NSS Volunteer Award** for the academic year 2020-21, 2021-22 and 2022-23. KVCET-NSS Unit coordinator received **Best Social worker Award**.

Exposure to extension and outreach activities sensitize the students towards social issues and also to legal and social remedies for matters like domestic violence, dowry, child abuse, beggars, female child, victims of violence, old and infirm, refugees and displaced persons etc. **Dr. Meenakshi Annamalai, Director of Karpaga Vinayaga Educational Group, has been named as one of the 100 Influential Indians of 2022 by Fox Story, India** for empowering rural youth and woman.

The Institute's swachh bharat activities and its awareness programmes have created enduring results which has been an eye opener to all. Central government schemes like Unnat Bharat Abhiyan have also been given due importance and have benefitted neighbourhood villages. National Science Foundation has given appreciation as **Best Environmentalist Award** to our Student.

Go Green Club aims on creating awareness about pollution free environment, focusing on India's Green Revolution. This club dissipates the information on issues like Global Warming, Impact on Usage of Plastics and mass Deforestation. The club receives **Best Students Club Award** in the state for its initiative on Tree Plantations, Environment Awareness Camp in the neighbourhood community.

Intellectual property rights are concerned as the robust and enforced, to safeguard families and consumers. Informed customer decisions concerning the security, dependability, and efficiency of their transactions are made possible by strong and sound IP rights. By keeping the importance of IP rights as well to educate and create awareness about the IPR, KVCET has conducted the National Intellectual Property Awareness Mission (NIPAM) training program to all aspirants related to this field. In this regard, KVCET received appreciation certificate from IPR – India in the year of 2021-2022.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 24

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
05	06	02	08	03

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 25

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The Karpaga Vinayaga College of Engineering and Technology in its 25 Acre campus with builtup area of 35026 sq.m is a vibrant institute of higher education with good infrastructure. The institute since its inception in 2001 has never compromised with facilities like physical building, machinery, equipment, software, books and other learning resources.

The campus has ingenious infrastructure which includes ICT enabled Classrooms, Smart Class Rooms, well equipped Laboratories, Drawing Hall, Library, Computer Centres, Incubation Cell, Centre of Excellence, Seminar Halls, Board Rooms, Auditorium and Open Air Theatre. Diligently designed infrastructure of the Institute provides an exquisite ambience for imparting quality teaching learning experience and making students industry-ready.

Institute has adequate Class Rooms, Drawing and Tutorial Hall which are spacious, well ventilated, illuminated and equipped with ICT facilities with modern Smart Class Rooms adorning different departments.

All departments are devised with well equipped laboratories providing hands-on experience to the students of different disciplines for better experiential learning and research exposure. Few laboratories are supported by the Industry and are utilized for advanced learning beyond curriculum.

The 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 internet facility is supported by Railtek Services with 1 Gbps Internet Leased Line.

The institution central library is spacious, well ventilated & lighted with an area of 7521Sq.ft with a Seating Capacity of the library 150. Library activities are fully automated by AUTOLIB Software including OPAC and barcode scanner.. The Library has a collection of 40,080 text books, 8280 reference books, 15321 e-books, 739 journals, 2603 e-journals. The E-Journals can be accessed through LAN (campus wide network). The college library has reprographic services and other essential services. The college has institutional memberships for DELNET, E-Shodhganga, and NDL. The Digital section is connected to the internet to access various online resources.

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 power is supplied by the Electricity Board with a peak load of 95 kVA, and it is augmented by two diesel generators capable of giving a backup power of 340 kVA. The maintenance of equipment like Diesel Generator Sets, Power Distribution Systems, Elevators, Air-conditioners, Fire-Fighting Equipment, Drinking water, Water coolers and Solar Panels etc. is well undertaken.

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 7.56

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
57.71	14.5	13.37	25.05	29.26

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Karpaga Vinayaga College of Engineering and Technology has an excellent library as per International standards for students, faculties and researchers with large collection of books, journals and periodicals covering various branches of Engineering. The institute has 40,080 text books, 8280 reference books, 15321 e-books, 739 journals, 2603 e-journals, 4 digital database, 1110 CD & video, 2132 hard and soft weeding with library automation software. The library has a wide span area of 6708 sq. ft. with a seating capacity of 150 students. All the books are provided with access number and call number for easy access of the resources.

ILMS – Library Automation

The central library is automated with AUTOLIB software. 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 provides various online resources to the students.

Scanning technology – The library is equipped with barcode scanning technology, which has various system applications and software for library automation. All the books has bar code and barcode LASER scanners are used to scan the book used in the circulation counter. The searching is made easier by providing proper classification and labelling to the books used with the barcode scanning technology. The books are provided with barcode labels, which are provided in the front page of the books. User ID contains the bar-coded library reference number for easy access to the students and staffs.

Circulation control – Students check the availability of the books by searching through titles, authors using Online Public Access Catalogue (OPAC), where dedicated systems are provided for easy access to the students and staffs. As per the regulation of statutory and affiliation providing authorities, all the essential text books and reference books as per the syllabus prescribed are available in the library premises.

Subscription to e-resources

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.

Usage of Library

The monthly and yearly report for the usage of the library in the form of issue and return of books can be accessed with the automated software. The library books are categorized using accession number, author, department, publisher, title, and its availability in the appropriate location as per the classification systems. The module records an average of 400 and above users per day.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Computing Resources

The IT facilities at Karpaga Vinayaga College of Engineering and Technology are great for both students and teachers. There are 590 computers available on campus with a LAN connection. Our campus also has high-end Zebronic i7 processors with 8 GB of RAM and a 250GB SSD system. In the

server room, three servers are available to provide network connectivity throughout the campus.

Wi-Fi and Internet

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

E-Services

Moodle is effectively used as a learning management system by faculty and students for teaching and learning processes. The college's Web site provides all the essential information for the stakeholders. Updates in technology are shared by the faculty as blogs on the web site. In case of emergencies, Moodle and Google Classroom are used for the teaching and learning process. Training programmes to improve the programming skills of students and faculty are held on a regular basis.

Zoom license versions were purchased for Zoom rooms in order to collaboratively and comprehensively organize Webinars and alumni talk series.

Updating the IT facilities

As the number of students has slowly grown, the number of systems in all labs has been updated with high configured systems. The student-to-computer ratio is kept at 3.9:1 in accordance with AICTE guidelines. Research laboratories were updated with high configured systems to conduct research and project activities. Based on the requirements, necessary software and hardware devices are purchased on frequently basis.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 2.87

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 510

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 4.76

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
14.12	9.83	9.73	25.05	29.42

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 71.89

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1194	901	790	700	863

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 92.74

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1435	1072	1013	869	1349

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 76.33

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
210	230	290	300	250

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
277	279	350	401	370

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 11.76

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
4	0	0	0	0

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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 last five years

Response: 2

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	02

File Description**Document**

Upload supporting document

[View Document](#)

list and links to e-copies of award letters and certificates

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 10.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
12	10	5	12	13

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response:

A registered Alumni Association (**Karpaga Vinayaga College of Engineering and Technology Alumni Association - Reg. No. 101/2017**) functions in the institution with grandeur and meets periodically actively contributing to the development of the institution. The renowned alumni helps the institution in delivering guest lectures, motivation talks, placement advices, career guidance and information on current industrial requirements.

Every year Alumni meet will be hosted by the Alumni association and supported by the Management where the alumni from different branches are invited to share their views and suggestions on the scope of their course and also to create awareness about the professional world. This paves an opportunity for the alumni to meet other alumni and cherish their past experiences and moments.

The following are the activities carried out with the help of Alumni.

Curriculum Enrichment:

Alumni are actively contributing to the curricular gap identification and development of Add on course and value added course modules.

Advisory board Members:

The Alumni advisory board members help us in attaining our targets in Outcome Based Education (OBE). Their participation in finding the content beyond the syllabus to bridge the curriculum gap is most appreciable.

As a Recruiter:

Many alumni in top positions in reputed industries. The opportunities available in their organization are shared with the students and many eligible students were recruited with the help of alumni.

As an Entrepreneur:

Successful alumni entrepreneurs are motivating the budding technocrats to become entrepreneurs by sharing their experience. Barriers and successful strategies shared by them give a clear idea for the

students to enhance their skills to become successful entrepreneurs.

Research and consultancy:

To fuel the research and consultancy works in various fields like Engineering, automation, software, etc. Our Alumni members are extending their help to the departments by directing the entrepreneurs to carry out consultancy works in various sectors of the engineering stream.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

Vision Statement

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

Mission Statement

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

Governing Council:

The Governing Council (CGC) is an integral part which steers the institution towards academic excellence with a holistic approach. The governance of the Institution is reflective of an effective leadership in tune with the vision and mission statements. The established policies in the Institute ensure the integrity and effectiveness of the governance and administration. The Institute believes in shared leadership and participative decision-making approach. This reflects the decentralization of its operations and delegation of the necessary authorities and responsibilities. Such delegations follow a systematised organisational structure with clearly laid down job responsibilities.

Participation of the faculty in the decision making bodies:

The Principal is the head of both the academic and administrative bodies including IQAC. The Principal is the member secretary of the Governing Council of the institution and also takes decisions in the academic frontiers in tune with the regulations of the affiliating University. KVCET encourages participative management by involving faculty members in taking decisions. So, various verticals have been formulated for effective functioning of institute. Each verticals have independent heads taking decisions in line with institute policies and regulatory requirements in consultation with Principal/Management. The committees are as follows:

- Internal Quality Assurance Cell (IQAC)

- Discipline Committee
- Anti-Ragging Committee
- Grievance Redressal Committee
- Exam Cell
- Programme Assessment Committee (PAC)
- Department Advisory Board (DAB)
- Peer Group Project Committee
- Women Empowerment Cell
- Entrepreneurship Development Cell
- Training and Placement Cell
- Sports Committee
- SC/ ST Committee
- Hostel Committee
- Student Clubs

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The institution has an effective and efficient administrative setup. Well drafted hierarchical practices are followed and reporting systems work bottom up. The governing council administers the overall functioning of the institute. Other Statutory and non statutory bodies function efficiently with the guidelines provided by the Governing Council. Scope of empowerment and defined regulatory norms bound the duties of different designated bodies.

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.

Statutory bodies

1. Governing Council

The institution is managed by a Governing Council consisting of eminent members of the management,

renowned academicians, eminent industrialists and prominent educationalists. This council conducts the meeting once a year to review the activities and recommends new initiatives. The major decisions and the goal of the institution are thoroughly discussed in this council meeting and are executed by the Head of the institution.

Non Statutory bodies

It is imperative to emphasize the functioning of the institution are well coordinated and supported by Non Statutory bodies like Internal Quality Assurance Cell, Disciplinary Committee, Academic Committees, Grievance Committee, Anti ragging Committee and Clubs. Periodical internal audits and procedures guide in updating the functioning of these bodies thereby effortlessly administering the intuitional activities.

Recruitment Procedure

Initiation of recruitment process is done as per AICTE guidelines. The Institute will ensure that faculty members and staff recruited are as per University norms. The selection committee constituted by the Principal shall interview and review the position and recommends for appointment with approval of the Management. The candidate selected shall submit an acceptance over the appointment order issued.

Service Rules

The institute follows methodical service rules approved by the governing council which includes terms and conditions of employment, leave rules, pay and allowances, Career advancement schemes, roles and responsibilities and ethical standards.

Strategic Plan

A comprehensive strategic plan ecumenical in nature drafted for a period of every five years keeping in mind the vision of the institute is followed meticulously. Practically achievable targets are discussed with the stakeholders and SWOC analysis are carefully experimented and developed in the framing of the strategic plan. The strategic plan deployed under 8 verticals as follows

S.No.	Strategic Plan	Sub Plans
1	Enhance engagement with Society	NSS, YRC, UBA, Various Clubs, Professional Societies Students Chapter
2	Diverse Student learning environment	ICT based TL, Value Added, MOOC Certification
3	Enhance Industry Orientation	Guest Lectures, Internship, MOUs, Industrial Projects, etc
4	Improve internal support systems	MIS, Data Driven System, Effective implementation of Moodles
5	Enhance alumni engagement	Registered Alumni Association, Alumni Meet, Alumni Contributions, etc

6	Ambient cleaner and greener campus	Solar, LED, All type of Waste Management, Green Landscaping campus
7	Enhance Research Culture	R&D Policy, Research articles in UGC and other SCI/Scopus. Centre of Excellence
8	Academic Autonomy	NAAC, NBA (all eligible Departments), NIRF ranking, IIC Ranking, etc.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institute believes in the development of the organization envisaging through betterment and effective welfare measures of the faculty and staff. These welfare activities are extended to all the employees for motivating and promoting the efficiency in them.

Support for Research:

- Faculty members are encouraged to do higher education (Ph.D) and research. On-Duty and 25% of Tuition fee is given as incentive to the faculty for pursuing their Ph.D.
- Ph.D allowance of Rs.10,000 is given to the faculty who completed their Ph.D.
- The faculty members are given incentives for securing research funds from various funding agencies and for publications in Scopus/SCI indexed journals.
- Revenue sharing with faculty for Consultancy / Testing.
- Registration fees, on-duty, TA & DA are provided for attending the Seminar / Workshop / FDP / Conference and Industry Training on emerging technologies in order to secure research projects in those areas.
- Patent filing fee and an incentive of Rs. 10000 is given to the faculty when their patent is granted.

Free Transport:

All the faculty members and staff members can use the college buses with free of cost.

Staff Quarters:

Faculty members can also avail staff quarters available within the campus. Apart from family quarters, Institution is also providing Bachelor accommodation for teaching and non-teaching staff members in the college hostels.

Medical Facility:

Medical facilities are provided in the Karpaga Vinayaga Medical College Hospital at concession rate.

Leave Benefits:

Casual Leave (CL): Monthly one-day Casual Leave and two one-hour permission will be allowed to avail.

Marriage Leave: Five Days marriage leave is allowed for marriage.

Religious Holidays & Vacation leave: Religious Holidays and Summer/Winter vacation are provided to the faculty.

Medical Leave: Medical leave may be granted in case of sickness of the employee.

Maternity Leave (MAL)

Maternity benefits for female faculty and staff members as per norms.

Cash Award:

Faculty members are awarded with cash prize for producing 100% results in Anna University Examination.

Fee Concession for ward:

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

EPF:

Employees are covered under EPF to all eligible members.

Performance Appraisal System for teaching and non-teaching staff

The Institution has a formal annual performance appraisal for both teaching and non-teaching staff conducted every year. Self-Appraisal is collected once in an academic year. At the beginning of the academic year the faculty appraisal format is shared by the HOD to all the teaching and non-teaching staff of the department so that faculty members are well aware of the appraisal measurement criteria. The faculty is required to submit the filled in pro forma of self-appraisal which is based on “Performance Based Appraisal System” as per UGC regulations.

The merit of the faculty is categorized on different levels based on their performance. Accordingly appreciation and increments are provided to the faculty. If low performance of the faculty is observed, proper mentoring will be given to the faculty by Head of the Department and Principal to strengthen their academic and research contribution etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 55.91

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
80	79	05	85	82

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 66.15

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
93	112	77	99	88

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
24	24	23	24	22

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

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.

Budget Planning :

Heads of the departments would submit the budget requirements to the Principal, at the beginning of

every financial year. Budget committee analyzes the requirement of each department and prepares a Consolidated Budget and forwards it to the Management through the Principal for approval. The Management allocates the funds under various heads such as upgradation of library resources, computers, network facility, sports facilities, publication incentives, salary, placement, campus maintenance, extension activities, etc. based on the need. The management also allots the funds for training the faculty, staff and students.

Utilization :

The administration and finance committee monitors and audits the budgets, utilization, expenses, accounts etc. They give recommendations for better handling of resources and effective mobilization of available funds. It ensures that the fund utilization is within the limit or allotted margin.

Financial Audit :

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

Internal Audit is being conducted on a continuous basis by the Finance Team members every month. The audit procedure is shown below.

1. Expenses

1. Vouchers, supporting bills and invoices are verified.
2. Approvals and authorization are verified with Instructions
3. Accountings of expenses according to the nature of the expenses are verified.
4. Actual expenditure is compared with the Budget allocated to evaluate the variation.
5. Statutory deductions such as TDS are verified.

2. All the fees pay-in –slips are vouched with the Bank statements.

3. Surprise cash verification is conducted to verify the petty cash transactions.

4. BRS Statements are verified on a weekly basis.

5. Statements of Sundry Creditors ageing are verified.

6. Payroll statements along with the attendance registers are verified on monthly basis.

7. Fees receivable statements are verified with the books of account.

External Audit is regularly conducted on an annual basis by the statutory auditors of the Trust. The Procedure is furnished below.

1. All the Expenses Vouchers and their supporting documents are verified..

2. BRS Statements of financial year is verified to ensure the outstanding payables and receivables.

3. Original fixed assets purchase invoices are verified and physical verification of statements and payments are verified with the payroll reports.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

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.

Functions of IQAC

1. Development and application of quality benchmarks.
2. Parameters for various academic and administrative activities of the institution.
3. Securing NBA accreditation/reaccreditation to all eligible programmes.
4. Facilitating the creation of a learner-centric environment conducive to quality education and evolution of faculty to adopt the requisite knowledge and technology for participatory teaching and learning process.
5. Collection and analysis of feedback from all stakeholders on quality-related institutional processes.
6. Dissemination of information on various quality parameters to all stakeholders.

7. Organization of inter and intra institutional workshops, seminars on quality related themes;
8. Documentation of the various programmes/activities leading to quality improvement;
9. Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
10. Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality.
11. Annual review on the achievements in terms of Strategic Plan – performance targets set and recommending appropriate revisions of strategies / targets.
12. Periodical conduct of Academic and Administrative Audit and its follow-up.
13. Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.
14. Organise programmes for capability building on teaching pedagogy, OBE and awareness on NEP, NPTEL like initiatives.

IQAC Audit Process

- Internal Audit is conducted during every semester. The scope of the audit is quality assessment in Teaching Learning Process.
- External Audit is conducted annually. The scope of the audit is to assess the quality of academic initiatives and institutional policies.
- IQAC coordinator reviews the observations made by the auditors and ensures actions taken.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Participation in NIRF and other recognized rankings**
- 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: C. Any 2 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

- 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.

File Description

Document

Upload Additional information

[View Document](#)

Provide Link for Additional information

[View Document](#)

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**

5.Disabled-friendly, barrier free environment**Response:** B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: C. Any 2 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Karpaga Vinayaga College of Engineering and Technology provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Our educational vision walks by twirling strands of social and ethical values, with great care and effort creating an inclusive environment following ethical and moral values towards deeds of success. Activity oriented ambience, ethically maintained cultural values and continually developed value chains are fabricated by our clubs and associations.

From the induction of the course up to final year placement drives, the institutes ensures through all its capabilities to provide an inclusive environment by celebrating different cultural events like Gokulashtami, Bakrid, Onam, Vinayagar Chaturthi, Navarathiri, Diwali, Christmas, New Year, Pongal, Ramzan, Good Friday, Tamil New Year, Ugadi etc., these celebrations bring in communal integrity where each and every student understand and celebrate the moral, social and virtue of different regions and communities.

Institute is registered under the Ministry of Human Resource Development (MHRD) initiated program Unnat Bharat Abhiyan. The Institute has adopted five villages where Various grassroots studies are undertaken. Our NSS, YRC and students Club members take active participation in social development events like, medical camps, blood donation camps, and Awareness programmes in local schools.

Underlining the constitutional values, duties and responsibilities and at par utilization of constitutional obligations have been challenged by the institution. The courses ‘State, Nation Building and Politics in India’, ‘Political and Economic Thought for a Humane Society’ and ‘History of Science and Technology in India’ offered in B.E / B.Tech curriculum to have constitutional knowledge and responsibilities. Every year ‘Independence Day’, ‘Republic Day’, ‘Human Rights Day’, ‘National Voters Day’ and ‘Electoral are celebrated. In all these activities students involve as volunteers and display their duties and responsibilities towards society. Faculty members were deputed to act as polling officers in Tamilnadu elections to carry out various election works.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format

provided in the Manual

Response:

Best Practice – I

Title of the Practice - Students Mentoring System

The major aim of the mentoring is to facilitate the Academic, Emotional, Social and cognitive development of the students to empower them in their Academic, Career and personal development.

Objectives of the Practice

- To provide the platform to the students for sharing their problems related to academic and non-academic matters.
- To monitor the academic and personal progress of the students.
- To provide career guidance and assistance to the students to grab the opportunity for their development and growth.
- To identify the slow learners, fast learners and the weak students and provide an environment to grow and prosper.
- To provide an opportunity for overall development to all the students.

The Context

The features of students mentoring activities are

- Collection of student's personal details.
- Identification of issues for a particular student by using SWOT analysis.
- Regular Counselling and suggestions
- Parent – mentor interactions
- Interaction by Industry Mentors Bi-monthly for career growth
- Psychosocial counselling, if needed
- Remedial suggestions & regular observations for further improvement

One of the challenging issues is to counsel student from the very poor economic background from drop out.

The Practice

Academic counselling

15 - 20 students are assigned with each mentor and are counselled on academic issues during the mentor

hour as scheduled.

Their doubts are cleared and encouraged to solve many Question Banks

Personal Counselling

Student counsellor meets the students and parents on personal issues and resolves them.

Sensitive cases are referred to Chief Mentor, Gender Issue Cell/ Women Empowerment Cell for further counselling.

Career Counselling

Career guidance and counselling is provided by Industrial mentors from top Industries to enhance their placement opportunities.

Psycho-social Counselling

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

Very sensitive cases are informed to their parents for remedial measures.

Counselling will be given on all working days. Parents can meet counsellor with the prior appointment during all working days.

Evidence of Success

Improvements in performance in Internal Assessments and University examinations are evidence of the success of student's involvement in the regular learning process.

The regularity to college, involvement in co-curricular activities and committed towards the academic work and discipline of the students after counselling is the evidence of their positive behavioural changes.

This practice has been appreciated by the Parents and has helped to improve the overall Career growth of the students.

Problems Encountered and Resources Required

The students have limited time to interact with their mentor apart from the time schedule on the timetable.

Inadequate availability of time for faculty members to aid students' community as mentor beyond college hours.

Best Practice – II

Title of the Practice

Peer Group activities – Promoting innovative and novel ideas to products.

Peer Group Project Activity encourages and supports interdepartmental student- teams across all years to hone innovative ideas and their implementation to the level of proof-of-concept and beyond wherever feasible.

Objectives of the Practice:

- To pave way for promising young innovators in reaching new heights.
- To achieve ideas into prototype/product by the young innovators thereby building teamwork and leadership capabilities.
- To inculcate research attitude among students.
- To showcase their products to the outside world and give them an opportunity to get recognized.

The Context

The mission of KVCET states “Imparting **innovative higher education** with greater accentuation on high value systems shaping personnel for nation-building”. Nurturing innovation and developing the penchant for innovation among students, forms a significant aspect of student-experience and exposure in KVCET. The features of Peer Group activities are

- Ideation
- Technical Training and Industrial Mentor
- Innovation, novelty and originality
- Design and fabrication of prototype model
- Product development
- Real-time implementation and application
- Patent and copyright

The Practice

- The potential faculty mentor identifies interested students for the Peer Group, comprising students of IV, III, II year UG and a PG in their discipline of Engineering / Technology.
- Announcement of Ideation competition will be done by August of every academic year. The area of interest and in turn title of the project with budget involved is presented to the evaluation committee.

- The evaluation of ideas will be done in two stages. During Initial stage, the proposed ideas are screened by the internal experts. In the second stage, Judges are invited from industries and research institutions.
- 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 completed projects will be demonstrated by all the Peer Groups and by merit, awards will be presented to the best 3 projects with the cash prize.
- Uniqueness in this practice is that the projects are carried out, apart from the prescribed curriculum by the affiliating University, in the stipulated time.

Evidence of Success:

- During the course of implementation of the projects, the peer groups exhibit skills of communication, working effectively as a team, engaging them in self-evaluation and reflection, bringing out graphical & visual representation and exercising creative and intuitive instincts.
- So far 16 Peer group Projects received grants under Students Project Scheme from Tamil Nadu State Council for Science and Technology.
- The peer group projects won appreciation and laurels and some of these proposals have also been filed and followed up for securing patents. So far 12 patents were published and two startups were incubated.

Problems Encountered and Resources Required

The Peer Group students are hard pressed with limited time to complete their Peer Group project apart from the time schedule on assessments and University examinations as a part of their curriculum study as prescribed by the affiliating University.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Institutional Social Responsibility (ISR) - “Campus to Community”

The institution is proud in turning the spotlight on the prime distinct area which takes everyone to its vision, priority and thrust. As the vision statement states that the institution shaping personnel for nation-building (*as stated in value framework of NAAC*), the institution strives to induce the social responsibility in the minds of the students. Since its inception the institution has been striving hard to develop all-round personality of the students. The institution aims not only in fulfilling academic needs of the learners but also in reinforcing the values of social responsibility and leadership skills.

“**Campus to Community**” is an initiative of the Institution to Institutionalize the “transformation of the youth” is an integral part of the functioning of the Institution. This initiative has the following objectives:

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

As a part of institution’s social responsibility the following are the major distinctive areas where the institution shows commitments towards societal contribution and nation building.

1.Scholarships and Freeships

As a part of social responsibility, the institution provides various scholarships and freeships for the students. The fee concessions includes **Free Education for Government School Students, 50% scholarship for First Generation Students, 100% Merit Scholarship, 50% Merit Scholarship, Partial fee waiver for Ex-Defense, Serving in Defense, Differently abled, Single parent, Tribal, Farmers, Institution Employees** etc.

2.Adopting villages

Our Institution has participated actively under **Unnat Bharat Abhiyan**, a program from MHRD, Government of India. Five cluster villages, Nallamur Keelakaranai, Rottukadai, Piyambadi, Kolathur and Peruveli are selected for UBA programme. NSS volunteers along with the staff members actively participated and created awareness on Tree plantation, Basic Cleanliness in and around the House, Sanitation, Segregation of Degradable and Non- Degradable waste under the scheme. A fund of Rs.50,000 was allotted to the institution by MHRD for effective implementation of UBA.

3.Swachh Bharat Abhiyan

The NSS & YRC volunteers, students and faculty participated in various activities, Rallies in respect of Swachh Bharat Abhiyan at various locations such as nearby Villages, Bus terminal, Temples, Government Schools etc. demonstrated the process of cleanliness, created the awareness, importance of healthy and hygienic environment to lead sustained quality life.

4.NSS Camps

The Institution in collaboration with the parent university facilitates the NSS unit of the Institution to organize the NSS Special camps at nearby villages every year to facilitate the students and community to practice, to communicate the following.

- Awareness of cleanliness, hygienic environment.
- Use of washrooms and toilets especially for women community.
- Conservation and optimum use of water resources.
- Awareness of government schemes and facilities.
- Organizing skits, street play and drama on traditional, cultural and folk activities to pass adequate messages.

5. Extension activities

Moral, social and ethical values are inculcated in students with a vision to accentuate social responsibility, promote societal-contribution as an outcome of education and ensure voluntary participation of students in various clubs and associations. Through various clubs and associations activities, the institution attempts to instil social awareness, civic sense and concern for the environment.

The institution provides a platform to enhance their skills, intelligence and potentials with social responsibilities. In connection with Institutional Social Responsibility, the institution has carried out various activities for the welfare of the society through NSS, YRC, Students Club, Go Green Club, Women Empowerment Cell, Agriculture Club and Infinite Impact Club in the institution. Faculty members and students are encouraged to carry out social outreach programmes.

6. Health checkup camps

The various cells, NSS, YRC, organize health checkup camps, eye checkup camps, blood group detection and donation camps, Covid-19 testing camps, Covid-19 safety and awareness rallies, Vaccination camps in the Institution and nearby villages to facilitate the students, faculty and community to know the status of health, to initiate the measures to resolve various health issues leading to disease free healthy life. Every year, medical and dental camps are organized in the adopted village to create awareness on personal health among rural community.

7. Rallies to create awareness

The faculty, students, NSS, YRC & other students clubs of the Institution organizes various rallies to create awareness in respect of the following.

1. Road Safety measures
2. Traffic awareness
3. Right to Vote
4. Save Water and Save Earth
5. Prevention of AIDS
6. Ban on Plastic
7. Covid - 19 awareness and Safety
8. Swachh Bharath
9. Anti-drug awareness.
10. Pink Marathon for awareness on cancer

8. Training Programme for farmers' community

Every year, the institution is organizing special training programme for the nearby farming community and creating awareness on Organic farming and their advantages and the ill effects of chemicals, fertilizers and pesticides.

9. Environmental Promotional Activities

The Institution has a green policy to promote green environment such as energy conservation, rain water harvesting, usage of LEB bulbs, Tree plantation, awareness programmes etc. Green initiatives have been implemented in the institution and same has been inculcated in the minds of the students.

The social consciousness pertaining to the operations of the institution is manifest through the out-reach programs and contribution to the social welfare measures. Students from rural, economically backward sectors and with special needs are taken care of and rich contribution through service oriented out-reach programs are thus made to the society.

OUTCOME OF THE DISTINCTIVENESS

The outcome of the outreach and societal awareness programme are

- The continuous support and active co-operation extended by the local community for these programmes are the evidence of our success.
- Increase Civic responsibilities in the minds of the students and the responsibility towards the rural community.
- Honing the leadership skills of students and being proactive and responding effectively in real-life situations.
- To inculcate the moral values and ethics in the minds of the students.

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

5. CONCLUSION

Additional Information :

Karpaga Vinayaga College of Engineering and Technology (KVCET) through its inception had been upgrading and seasoning itself to cater to immediate needs of the society by imparting industry relevant technical education. The ethical value system evolved during these many years have been an epitome and testimony to this.

- Band promising rating by ARIIA.
- Recognition under 12(B) and 2(f) category (vide File No.8-634/2015 (CPP-i/C) dated 28.12.2017
- NBA Accreditation for Mechanical and Bio-Technology Departments.
- Recognition as Scientific and Industrial Research Organization (SIRO) by Department of Scientific and Industrial Research (DSIR).
- Active NPTEL Local Chapter.
- Faculty Excellence Awards.
- Industry Support Lab with Robert Bosch.
- Awarded AA+ Ranking by CAREERS 360.
- Successful implementation of Skill Development Program and different Government Schemes like Naan Muthalvan, Swachh Bharath Abhiyaan, Unnath Bharath Abhiyaan.
- Collaboration with International Universities like Liverpool John Moores University, United Kingdom, Lincoln University College, Malaysia, International European University, Ukraine & BlueCrest University College, Ghana.

Concluding Remarks :

Education plays an important role in the evolution of an individual's mind and country. Ignorance and poverty are major glitches in developing countries like India. It can be overcome easily through education. The college set sights on thinning the ignorance by imparting knowledge and fostering the spirit of research in the field of engineering. This institution provides quality technical education that lay emphasis not only on knowledge, technology, information and communication but also aspires to empower the youth morally and ethically to serve society selflessly. The responsible endeavour of this Institution shall be in aiming at an explicit autonomy creating hope and scope to present societal affirmation, now tomorrow and forever.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :41</p> <p>Remark : As per clarification received from HEI, excluding those courses as part of the curriculum, thus DVV input is recommended.</p>																				
1.2.2	<p>Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>1085</td> <td>935</td> <td>775</td> <td>816</td> <td>946</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>918</td> <td>725</td> <td>475</td> <td>707</td> <td>752</td> </tr> </tbody> </table> <p>Remark : As per clarification received from HEI, DVV input is recommended.</p>	2022-23	2021-22	2020-21	2019-20	2018-19	1085	935	775	816	946	2022-23	2021-22	2020-21	2019-20	2018-19	918	725	475	707	752
2022-23	2021-22	2020-21	2019-20	2018-19																	
1085	935	775	816	946																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
918	725	475	707	752																	
1.3.2	<p>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</p> <p>1.3.2.1. Number of students undertaking project work/field work / internships</p> <p>Answer before DVV Verification : 917</p> <p>Answer after DVV Verification: 850</p> <p>Remark : As per clarification received from HEI, DVV input is recommended.</p>																				
2.1.2	<p>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)</p> <p>Answer before DVV Verification:</p>																				

2022-23	2021-22	2020-21	2019-20	2018-19
480	443	261	175	275

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
290	322	322	296	296

2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
480	480	480	493	493

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
290	322	322	296	296

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

2.4.2.1. Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
35	30	33	31	24

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
30	30	33	31	24

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
11.61	0.69	5.01	7.8	17.51

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
8.41	0.69	5.01	7.8	16.64

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

3.2.2 *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
10	13	10	11	10

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
04	08	05	04	06

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

3.3.1 **Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
65	53	30	20	8

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
25	19	12	9	10

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
201	43	58	217	207

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
28	0	1	30	0

Remark : As per the revised data and clarification received from HEI, and books without ISBN number should not be considered, thus based on that DVV input is recommended.

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19	18	4	17	14

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
05	06	02	08	03

Remark : As per the revised data and clarification received from HEI, and excluding awareness program on generic themes, thus based on that DVV input is recommended.

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Answer before DVV Verification :

Answer After DVV Verification :25

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

4.1.2 **Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years**

4.1.2.1. **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
68.40	64.59	14.98	3.8	108.59

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
57.71	14.5	13.37	25.05	29.26

Remark : As per clarification received from HEI, and Expenditure for infrastructure development and augmentation to be considered, thus DVV input is recommended.

4.3.2 **Student – Computer ratio (Data for the latest completed academic year)**

4.3.2.1. **Number of computers available for students usage during the latest completed academic year:**

Answer before DVV Verification : 590

Answer after DVV Verification: 510

Remark : As per clarification received from HEI, DVV input is recommended.

4.4.1 **Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)**

4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
287.74	92.77	80.49	205.5	414.13

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
14.12	9.83	9.73	25.05	29.42

Remark : As per the revised data and clarification received from HEI, based on that DVV input is

recommended.

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
273	272	348	380	370

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
210	230	290	300	250

5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
277	279	350	401	370

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
277	279	350	401	370

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

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 last five years

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19	0	5	22	11

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	02

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
28	21	5	23	23

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
12	10	5	12	13

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
80	94	95	95	93

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
80	79	05	85	82

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional

development /administrative training programs during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
118	120	77	99	88

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
93	112	77	99	88

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
24	24	23	24	22

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
24	24	23	24	22

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: C. Any 2 of the above

Remark : As per clarification received from HEI, DVV input is recommended.

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Answer before DVV Verification : A. 4 or All of the above

	<p>Answer After DVV Verification: B. 3 of the above Remark : As per clarification received from HEI, DVV input is recommended.</p>
7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"> 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : As per clarification received from HEI, DVV input is recommended.</p>

2.Extended Profile Deviations

ID	Extended Questions
1.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count): Answer before DVV Verification : 240 Answer after DVV Verification : 231</p>