Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	
Name of the head of the Institution	**Dr.N.Suresh Kumar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04522465285**
Mobile no.	**9443867923**
Registered Email	**principal@vcet.ac.in**
Alternate Email	**gsm@vcet.ac.in**
Address	**Madurai Rameswaram High Road, Viraganoor, Madurai**
City/Town	**MADURAI**
State/UT	**Tamil Nadu**
Pincode	**625009**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr.Geetha Sivasubramanian**
Phone no/Alternate Phone no.	**04522465285**
Mobile no.	**9842129696**
Registered Email	**gsm@vcet.ac.in**
Alternate Email	**principal@vcet.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://vcet.ac.in/wp-content/uploads/2021/01/18-19_aqar_report.pdf

4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website: Weblink :	https://vcet.ac.in/wp-content/uploads/2021/03/Link-2-item-4-Handbook-final-19-20-.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.02**	**2016**	**17-Mar-2016**	**16-Mar-2021**

6. Date of Establishment of IQAC

20-Feb-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

No Data Entered/Not Applicable!!!	
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

No Data Entered/Not Applicable!!!

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Management	**09-Mar-2021**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**04-Feb-2020**
17. Does the Institution have Management Information System ?	**No**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution has a systematic way of curriculum delivery and documentation. At the beginning of the semester each course teacher compiles a course file with the course plan, prepared material for each unit, mode of delivery, teaching methodologies/ AV aids to be used, assignments to be given to the students, allocation of portions for each internal assessment test etc. The file is counter checked by the module coordinator and the HOD and finally signed by the Principal. The classes are frequently monitored live by the HOD and periodically by the Principal and comments recorded. These records are checked and signed by the Principal and the Vice Chairman with suitable comments wherever necessary. During the course of the semester, sample question papers, corresponding key & schemes of valuation test and assignment papers are filed. The HoD randomly checks at least 10% of the answer scripts to verify whether the papers have been valued as per the key and the scheme. Every day class handling mentioning the methodology adopted is entered in the course log book by the course teacher. The course file and the log book are subjected to monthly scrutiny and signed by the HOD and by the Principal. These documents are also subjected to Internal audit by the internal audit committee and reports given. Any adverse observation is immediately taken up for review and corrective measures implemented.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Nil	**Nil**	**Nil**	**Nil**	**Nil**	**Nil**

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	Nil	Nill

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
CISCO Certified Course on CCNA-2 Modules	24/07/2019	84
IoT Workshop	06/01/2020	52
Workshop on Web Development	16/08/2019	39
Workshop on Mobile App Development	01/08/2019	40
Workshop on Gaming Tools	25/07/2019	38
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
1. Students' feedback is obtained on line twice a semester and the software analyses the feedback and gives both a graphical and a worded report about each course teacher. The reports are made available to the HODs and the course

teacher and corrective actions wherever necessary are immediately implemented. 2. Class Committee meetings are conducted thrice a semester to monitor the progress of teaching and learning process and the feedback is immediately analysed and corrective actions taken wherever necessary 3. The end of semester course exit survey is analysed by the course teacher and plans to improve upon the course delivery and assessment to realize the course outcomes are planned and implemented in the ensuing semester 4. The feedback from employers are assessed according to the nature of the employing company and the corresponding program is strengthened through value added courses, guest lectures and industry interaction to enhance the employability of students. 5. The Alumni feedback is similarly analysed and put to use in enhancing not only the curriculum but also for better training the students for employment. Well placed alumni are invited to address and train the students every year 6. Parents' feedback are given necessary weightage appropriate to the requests made and academic related suggestions are taken up in the department DAC meeting

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2085	9	125	Nill	6

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
View File of ICT Tools and resources					
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

• Each teacher of the department is assigned mentorship and allotted 15-20 students in the I year of entry and will continue to be the mentor for 4 years, the duration of the program • The mentor interacts with the mentees and acquires personal and academic information about each mentee • Starts maintaining a record • Appraises the mentees about the college rules and regulations, opportunities available and facilities to be used • After the first IAT, assesses the mentees on their academic performance and discuss the reasons for less than expected performance with mentees based on need • Checks on any personal reasons that may interfere with the

academic performance of the mentee • Establishes contact with one of the parents if necessary • Continues the follow up of the academic, co-curricular and extracurricular activities of the mentees and tracks the academic performance in each semester • Parents are called for a discussion whenever necessary • If the mentor finds the issue of the student is beyond her/hiscapacity to handle the issue is referred to the HOD and further to the Principal if necessary • The Principal suggests referring to an external counsellor if the situation warrants and suggested follow up actions taken

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2094	131	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
131	131	Nill	Nill	45

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per Anna University norms, Centralized two written tests, one model exam and 3 assignments as planned by the course teacher are conducted for each course and the marks obtained are uploaded as internal assessment marks in the Anna University Web Portal.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The Academic calendar for the ensuring academic year is prepared well ahead of time which includes the number of working days, official holidays and all programs planned for the students by the respective departments and general programs. The internal assessment dates are planned as soon as the Anna University semester calendar is announced and circulars are sent to all staff and students well ahead of the scheduled dates. The end of semester examination time table is released by Anna University.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

https://vcet.ac.in/departments

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					

View File

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://vcet.ac.in/wp-content/uploads/2021/03/Link-1-2.7.1-Studentssatisfaction-survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
-	-	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Ankle Rehabilitation	Mr.M.Karthik, Mr.K.Damotharan and Mr.R.M.Aravind	CII	14/09/2020	Cash Prize Rs.3,00,000
Health Care Device	Mr.S.Sai Abishek	Smart India Hackathon 2020	03/08/2020	Winner Cash Prize Rs.50,000
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
-	-	-	-	-	Nill
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards		
State	National	International
No Data Entered/Not Applicable !!!		

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
ECE	2
EEE	3
MECH	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such	Number of students participated in such

		activities	activities

No Data Entered/Not Applicable !!!

View File

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Product Development and Innovation	Winner	Smart India Hackathon 2020	1
Product Development and Innovation	Winner	CII	3

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Project Expo	Madurai Agricultural College	MABIF Jallikattu 2.0	1	1
Rural Development	National Institute of rural development Panchayathraj	Rural Development	1	1

No file uploaded.

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
-	-	-	Nill

No file uploaded.

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant

No Data Entered/Not Applicable !!!

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of

			students/teachers participated under MoUs
		No Data Entered/Not Applicable !!!	
		View File	

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
AutoLib-Library Managment Software	Fully	MS-SQL 5.1 with WEB OPAC	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
View File			

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
-	-	-	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	810	20	755	1	1	6	46	60	64
Added	0	0	0	0	0	0	0	0	0
Total	810	20	755	1	1	6	46	60	64

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

65 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
1000	97482120	10	1197364

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Each department has its required number of laboratories and the weekly time table prepared ensures that every class has access to the lab as per the AU syllabus, Library is opened from 8.30 am to 6.00 and students can borrow books with their IDs assigned by the librarian. Reading in the library is permitted outside class hours. Students can access the Library Content through OPAC for borrowing books. On line journals, NPTEL videos and CDs can be accessed by students Faculty also can borrow books based on their college ID numbers and faculty can visit the library any time during working hours and access books, journals, e journals, NPTEL videos and CDs. The sports ground is available for students beyond the class hours however during the time of Sports meet practice sessions will be held as scheduled by the Physical Director Students have access to the computes in the computer labs during lab sessions and the Computer Centre can be used during breaks and till 7.00 Pm in the evening. But as almost all students possess their own laptops, the use of college computes is on the decline. Classrooms are allotted to students of each year of each department and are accessible from morning 8.30 am to evening 6.00 pm to both faculty and students.

https://vcet.ac.in/wp-content/uploads/2021/03/Link-2-4.4.2-procedures-and-policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	-	0	0
Financial Support from Other Sources			
a) National	State Government Scholarships	779	15515050
b)International	-	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Department Activities	30	60	Nill	10
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
COLORS-Cultural Competition	College Level	292

Sports Day	College Level	250
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	-	Nill	Nill	Nill	Nill	Nill
No file uploaded.						

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

NIL

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The details of registration are: Registered under the Tamil Nadu Societies Registration Act 1975 (Tamil Nadu Act 27 of 1975) on 29/05/2014. Serial No:77/2014 The final year students of the college both UG and PG during the last week of their course register as life time alumni/alumnae by paying a fee of Rs.1000. Thereafter they are enrolled as alumni members of the college. They are invited to attend the annual Alumni meeting, distinguished Alumni, alumni employed in reputed industries and MNCs and Alumni who are entrepreneurs are regularly invited to deliver special talks and lectures to the students and also for interactions. Alumni expertise is also used for training the students for placement.

5.4.2 – No. of enrolled Alumni:

2765

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

450000

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Decentralized way of working is one of the practices of the Management. The responsibilities related to academic activities and college development programs are assigned to heads and coordinators with time to time consultation with Management for problem solving if any. Heads of Departments are given full autonomy to plan and execute their departmental academic and related activities. 2. Participative Management - The College is governed by a carefully constituted Governing body and the Heads of Departments are invitees to every Governing Council meeting wherein they present the activities/needs and developmental plans of each department while the Principal presents for the

College. HODs are given full opportunity to present and defend the budget requirements. Weekly HOD meetings with the Principal and Vice Chairman of the Trust ensures that strategies and plans of action are represented to the Management and approved with no time delay.

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

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission is strictly according to the State Government norms. 65 of the students are admitted through single window counselling by DOTE and 35 are filled by the Management as per ranking by the Consortium of Self Financing Arts Science and Engineering Colleges
Industry Interaction / Collaboration	The Management strongly promotes Institute – Industry Interactions and both faculty and students take up short term training and internship in notable industries. Three MoUs have been signed in 19-20 Siemens CoE in Manufacturing, NIT Trichy, FACILITATION CENTRE and MSME –TDC Campus to Corporate Program to train faculty and students and enhance skill development of students.
Human Resource Management	The Management ensures that Teacher: Student ratio is maintained as per University norms. The vacancies in both teaching and non- teaching staff positions are filled as per the College Policy based on merit.
Library, ICT and Physical Infrastructure / Instrumentation	The contents of the library has been enhanced to the tune of ` 10.0L in terms of purchase of books and continuing the subscriptions for journals(print and on line). The laboratories are well equipped and the physical infrastructure is over and above the requirement prescribed by the Anna University.
Research and Development	The Management extends 100 support to research activities. Faculty are encouraged to apply for funded research both to Government agencies and Industries. The faculty are encouraged to follow up the status of the proposals submitted and financial support is extended to them for a personal visit to the agency for the follow up and also for the presentation of the project proposal when called for. Such support has resulted in

	acquiring Rs. 33.35L as part and full disbursal for the sanctioned projects during 19-20. Many proposals have been submitted during the academic year.
Examination and Evaluation	The end of semester examination (the summative evaluation) is conducted by the affiliating university. The internal assessment is centralized and the assessment includes tests and assignments. The assignment topic/titles planned are at the application / analysis level and the students are given sufficient time to complete the assignment. Each course is internally assessed with three tests and three assignments and a final model examination. The question papers are set covering all the Bloom's taxonomy levels and the answers are evaluated with a detailed key and scheme of evaluation, which is shared with the students for complete transparency. The college has its own policy for handling mal practice in the internal assessment which is also made transparent to the students.
Teaching and Learning	Teaching-learning process has taken new dimensions and innovative teaching methods such as Think-pair-share,flippedclassroomgames, role play, scenario analysis based teaching, analysis of case studies, real time problem solving, open web assignments on current topics related to the course taught etc. are being commonly adopted to suit the cognisant level of the course taught and students. Guided Self-study is encouraged and the tests are designed to bring out all the levels of learning by the students. Students are encouraged to take up and complete NPTEL courses in their own disciplines and interdisciplinary courses. Teachers attend many FDP programs to augment their depth in the subjects taught and also complete NPTEL courses. Faculty also participate in many national/international conferences to keep themselves updated in the state-of-the-art development in their fields
Curriculum Development	Curriculum Development As the college is an non-autonomous Institution affiliated to the Anna University, the curriculum is designed by the University

6.2.2 – Implementation of e-governance in areas of operations:	
E-governace area	Details
Planning and Development	Nil
Administration	All faculty and the Principal have college domain e mail IDs All official communications both within and outside the college are only through mails. Instructions to students are also through class mails.
Finance and Accounts	The Management takes care of finance and accounts
Student Admission and Support	At the time of admission, a data base is created for the new entries. A Student Information System (SIS) has been created and all the details of individual teacher's time table for the semester internal marks, attendance for each period of each class etc. are uploaded and can be accessed by Principal, students and teachers.
Examination	The Internal Assessment Question papers prepared by the teachers are sent to the exam cell by mail. The marks are uploaded in SIS which can be accessed by the Controller of Examinations. Internal Assessment marks can be calculated in the SIS by the course teacher and the student.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mr.B.Varun Kumar and Mr.M.Vivek Prabhu	-	SAE-Society of Automotive Engineer	2596
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free Transport, Full fee concession for wards in Velammal Schools, Concession in Medical Expenses in VMCHRI	Full fee concession for wards in Velammal Schools, Concession in Medical Expenses in VMCHRI	Concession in Medical Expenses in VMCHRI

6.4 – Financial Management and Resource Mobilization

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

The institution is being purely private institution, the financial audit is conducted scrupulously and diligently. The external auditor appointed audits the accounts every year and prepare the statements of accounts which is dully signed.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
-	0	-
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Internal Assessment Committee
Administrative	No	-	Yes	Internal Assessment Committee

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

There is no formal parents- teachers Association. However each department takes a special initiative to hold a parents – teachers meeting every year to sensitize the parents on the nuances of the semester system and the importance of continuous assessment. Parents are also called for interactions with teachers, mentors and HoD as and when situation demands either with respect to their wards' academic progress or discipline issues. Parents are drafted as members in Department Advisory Committee.

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

1. Support and encouragement for higher studies 2. Sports activities for holistic development 3. Computer training

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

1. Preparation for Autonomous Status 2. Training of faculty for Autonomy through guest lectures and invited talks 3. State Level Seminar on Autonomy

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Two Day State Level Seminar on Academic Autonomy - Sustaining and Enhancing Quality (In the context of Engineering Education)	12/12/2019	12/12/2019	13/12/2019	75
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
#EachforEqual	11/03/2020	11/03/2020	35	15

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Talk on Environmental Pollution and Remediation 2. 200 students and one

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**No**	**Nill**
Provision for lift	**No**	**Nill**
Ramp/Rails	**Yes**	**Nill**
Braille Software/facilities	**No**	**Nill**
Rest Rooms	**No**	**Nill**
Scribes for examination	**Yes**	**Nill**
Special skill development for differently abled students	**No**	**Nill**
Any other similar facility	**No**	**Nill**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	**Nill**	**1**	**26/07/2019**	**2**	**Energy Awareness Program for School students**	**Conservation of energy**	**446**
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
College Hand book	**17/06/2019**	**The students who violate the Professional ethics in terms of punctuality, irregularity and dress code are monitored, counselled and corrected**
HR Policy Booklet	**13/05/2019**	**All Faculty members have access to E copy of the College HR policy which is also uploaded in the College website. Policies and procedures mentioned therein are adhered to.**

7.1.6 – Activities conducted for promotion of universal Values and Ethics			
Activity	Duration From	Duration To	Number of participants
-	Nil	Nil	Nil
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The STP supplies water for our extensive lawn, tress and other plants on campus. Waste segregation is encouraged in class rooms. 2. Segregation of wet and dry waste initiated 3. Awareness program on water conservation 4. Awareness program energy conservation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The two beat practices for the college have already been identified as 1. Inculcation of Research Culture among Faculty and Students 2. Placement and Training (Career Development) Best Practice 1: Title: Inculcation of Research Culture among Faculty and Students A Research Committee constituted in the college functions with the following Goals: • To inculcate the culture of research among faculty and student • To identify the emerging and thrust areas of research and disseminate the information to staff and students • To stimulate the faculty to initiate the work in the chosen area of interest and involve students in the project • To motivate the faculty to present the findings in reputed journals / National / International Conferences and refine the on- going research work • To stimulate the faculty and student to present/ publish the research papers in national / international conferences /reputed journals • To encourage faculty use this opportunity to work towards a Ph.D. degree • To give impetus and assistance to faculty to apply to funding agencies like AICTE, DST and DRDO for furthering their research work • To kindle interest in students for active involvement in short duration and long duration projects. • To uplift research work to the level of patenting • To liaise with the management for procuring and establishing optimal infra-structure facilities required for research • To identify thrust areas to know the individual research interest The Context: In recent years educational institutions are grade and ranked not only based on the teaching and learning an equal emphasis is given to the Research activities of the institution. Having identified R and D activities as one of the bestpractices of the College, the thrust given to Research in the last five years have borne fruit and both faculty and students have focused on variouslevels of research activities. The Practice: The contextualization of the above is effected by the following practices: ? Faculty pursuing Ph.D and with Ph. D. degrees are encouraged to attend and present papers in national and international conferences to get exposed to recent and emerging trends in their fields of interest. ? To facilitate the same, the management extends financial assistance to the tune of 50 towards TA, DA and registration fee. On duty leave can be availed by the teachers for such participations. These provisions are also extended to students for participations in seminars/ symposia/ project contests etc. ? Concession in weekly work load up to six hours is offered to faulty working on funded projects. ? External experts from bodies like DST and DRDO are invited to address the faculty to give assistance in preparing a project report to be submitted for funding. ? Seed money is provided to carry out work necessary preliminary work to enhance the probability of receiving funding ? Eminent researchers are invited to campus for delivering lectures during National and International seminars/ workshops/ conferences organized by the various departments in the college to boost the knowledge level of the faculty and the students. ? Faculty can apply to the management for travel, boarding

and lodging allowances to visit reputed research laboratories and funding agencies like AICTE, DST and DRDO either to submit their proposals in person or follow up the submitted proposals. As a part of the curriculum prescribed by the Anna University, the final students have to take up and complete project work. Turning this to the advantage of students, the nature of project work assigned to the students is of quality and sometimes a portion of the research work carried out by the faculty members. Such a practice lifts the level of the students to a higher platform of knowledge domain. ? Memorandums of Understanding have been signed with many industries / agencies and such a practice plays a vital role in interaction of faculty and students with the industries and design projects in collaboration with them. ? The idea of Interdisciplinary projects has been promulgated and this has caught on by the students and faculty. ? CIPD has been set up which has culminated in establishing a Business ? Incubator bagging fund to the tune of ` 43 lakhs. Evidence of Success: The quality of proposals has increased many folds and the following table shows the funds Funds sanctioned for 19-20 Funding Agency No. of Projects Sanctioned Amount (Rs.in lakhs) DST 1 30 EDII,DST-NIMAT 1 2.6 AICTESTTP 1 3 AICTERPS 1 6 AICTE –MODROBS 2 14.8 Total 6 56.4 Problems Encountered and Resources Required: Prompter reply from funding agencies will be encouraging. If the funding agencies can point out the reason for rejecting the proposal or offer suggestions for improvement, it will go a long way in the development to faculty and hence the students. Best Practice 2: Title: TrainingPlacement Goals: • To persuade the students to possess a sound technical knowledge in the area of study • To enhance the programming skills of students • To train the students in time- bound answering of aptitude tests • To help students excel in language and communication skills • To prepare the students for different levels of selection process such as group discussions and one-to- one interviews • To help boost the students' confidence level through soft skills trianing • To inculcate the importance of projecting a smart appearance • To groom the students to the corporate level • •? To ensure that all eligible students are employed by the end of the final year of study The Context: Our Management has always had a pointed focus on the training the students for campus placement from the first batch of students onwards. Within a short period, a Training and Placement Cell has been established with an experienced Placement Officer in charge. Since then the placement process of the college has taken a leap towards successful placement of students. The Practice: The campus recruitment comes under the purview of the placement officer. The placement officer is assisted by a team of Placement coordinators drawn from each department – one faculty member and two student members. This team plans and coordinates the activities related to placement training. At the end of the third year, students are given the choice to opt for campus placement, the other choices being progression to higher studies/ aiming to be an entrepreneur. The choice of the student is endorsed by the parent / guardian in writing. This choice stream lines the student towards his/ her future. The Intensive placement training is offered only to those who have opted for campus recruitment. It is worth mentioning that till the third year all students undergo the common training programs irrespective of the options they may be choosing. Such an approach to the training programs ensures that all students get quipped to employability to a certain extent. The time table incorporates the periods allotted for accommodating these sessions- 4.10 to 5.00 P.M. every day. A systematic and scientific approach has been developed for effective training of the students towards campus recruitment. The process chart below demonstrates the steady build-up of skills required for direct campus recruitment. To augment the training given by the faculty of the college resource persons of repute are brought in to enhance the skills of the students. External experts from PAC training Academy, Chennai and Learn Well Chennai are invited to render soft skill training to the students • Special sessions for General aptitude training are handle by trainers like

Mr.EldoRanjithofT.I.M.E and experts from institutions like FACE and SMART • On-line placement tests are taken up the students on a regular basis to enhance aptitude, mental ability and reasoning skills of the students • To augment the training given by the faculty of the college resource persons of repute are brought in to enhance the skills of the students. • External experts from PAC training Academy, Chennai and • Learn Well Chennai are invited to render soft skill training to the students • Special sessions for General aptitude training are handle by trainers like Mr.EldoRanjith ofT.I.M.E and experts from institutions like FACE and SMART • On- line placement tests are taken up the students on a regular basis to enhance aptitude, mental ability and reasoning skills of the students. On all college occasions and definitely at the time of campus recruitment the students are required to wear formal dress with the college blazer. The following should also find a place in this context Campus placement includes non IT sector companies – the companies / industries that recruit students, branch wise. The placement cell takes all efforts to place students in core companies and if the companies do not come down to Madurai, students are taken to campus interviews scheduled in VelammalEngineering College, Chennai as a pooled campus drive. Also off campus interviews in industries are planned by the placement officer exclusively for students of Velammal College of Engineering technology. Evidence of Success: All the efforts of the college bear fruits and the college has registers a note-worthy placement record. On campus Placement details for 15-19

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

https://vcet.ac.in/wp-content/uploads/2021/03/Link-3-7.2-Best-practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Vision of the Institution: To emerge and sustain as a center of excellence for technical and managerial education upholding social values. A measure of sustaining as a centre of excellence is to impart education that empowers the students to become employable/ opt for higher studies in reputed institutions /explore avenues for entrepreneurship. The College in keeping with its Vision and Mission, ensures that students develop the confidence to fit into more than one of the above three categories. The Training and Placement Cell every year begins the training program from the beginning of the III year and students are given intensive training in taking up aptitude tests in logical reasoning taking up aptitude tests in technical knowledge enhancing soft skills facing interviews both technical and HR in multiple sessions. Company specific training is also imparted to students to ensure placement in MNCs. The trainers are well experienced personnel from reputed institutes and companies. Well -placed Alumni are also involved in training the students in various aspects of augmenting employability skills. As the outcome the College is justifiably proud of consistent 80-85 placement each year in highly reputed MNCs such as ZOHO, Amazon, Voonik, Kaar Technologies, Coda Global, CTS, Wipro, Infosys, HP, Dell Computers, Sundaram Clayton, TVS, Mu Sigma, MRFTyres etc. Preparing the students for GATE examination is an integral part of every Department's activity and students are encouraged to sit for GATE exams to enable to qualify them for higher studies in reputed institutions and also boost the opportunity for employability in PSUs. Special hours are set aside within the time table to train the students for GATE examination and relevant books are also made available in the College library. Vistas are opened up for Pursuing higher studies in reputed Foreign Universities through Alumni abroad and also by helping the students in identifying Universities suited to their field of study The College lays a strong emphasis on evolving students to be employers rather

than employees and the College has set up a DST sponsored IEDC (Innovation and Entrepreneurship Development Centre) which caters to the development of budding entrepreneurs by regularly organizing Entrepreneurship Development programs for students, Entrepreneurs Meet and financially supporting IED projects every year to the tune INR 1 lakh for each project. Consequently, quite a few students become entrepreneurs immediately after graduating or after a few years of gaining experience from a reputed employer.

Provide the weblink of the institution
https://vcet.ac.in/wp-content/uploads/2021/03/7.3.pdf

8.Future Plans of Actions for Next Academic Year

In the month of October 2019, application for grant of Autonomous Status to the College was submitted to the affiliating Anna University. In the Month of February 2020 (12.2.2020), the Inspection commission from Anna University visited the college to inspect the preparedness for Autonomy and based on the team's recommendation, the University gave the college the go ahead to forward the allocation to the UGC. The on line application was submitted on 20.2.2020. Hence the future plans and focus will be on preparing for College Autonomous status in all aspects ans developing strategies to make College Autonomy a success.