



Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE
Name of the head of the Institution	Dr.V.Rajamani
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04426841061
Mobile no.	9789037652
Registered Email	emailto@veltechmultitech.org
Alternate Email	principal@veltechmultitech.org
Address	#42, Avadi , Vel Tech Road ,Vel Nagar , Avadi, Chennai, Tamil Nadu
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	600062
2. Institutional Status	
Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Apr-2019
Type of Institution	Co-education

Location	Semi-urban
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Prof.K.A.Harish
Phone no/Alternate Phone no.	04426841061
Mobile no.	9940380852
Registered Email	iqac@veltechmultitech.org
Alternate Email	emailto@veltechmultitech.org

3. Website Address

Web-link of the AQAR: (Previous Academic Year) <https://www.veltechmultitech.org/internal-quality-assurance-cell/>

4. Whether Academic Calendar prepared during the year Yes

if yes,whether it is uploaded in the institutional website: Weblink : <https://www.veltechmultitech.org/internal-quality-assurance-cell/>

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.49	2016	16-Mar-2016	16-Mar-2021

6. Date of Establishment of IQAC 01-Jun-2010

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
Academic Administratice Audit	14-Dec-2019 1	150

[View File](#)

8. Provide the list of Special Status conferred 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
FACULTY	AQIS MODROBS	AICTE	2019 365	1008000

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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)

1. Change of Examination Evaluation Pattern for quality improvement
2. Establishment of Institute Innovation Cell
3. Development of Strategy to help slow learners
4. Establishment of Industry supported labs
5. Professional Association with various societies to accomplish quality learning

No Files Uploaded !!!

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
Implementation of outcome based assessment of graduate attributes	Program outcome is achieved constantly by securing 90 graduation rate.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Governing Council

12-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

29-Jan-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

19-Feb-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The institution offers effective curriculum delivery through a well planned and documentation process. The college follows the curriculum designed by Anna University , Chennai. At the beginning of every semester the college chalks out an Academic Schedule and prepares an Academic Calendar for internal quality on annual basis. The Head of Various Departments with the support of Head of the institution formulates a time table for proper delivery of all the subjects pertaining to the branch. This timetable include theory, tutorial and practical hours. The head of the departments conducts academic planning meeting to plan and organize the schedule of lectures and distributes the syllabus among the faculty members of their departments. The faculty members are instructed by the head of departments to complete the syllabus

within stipulated time. If, for any reason, a faculty fails to finish his/her syllabus within the stipulated time, he/she is being asked to arrange extra classes for his/her subject. As per the syllabus and requirement from the teachers and students new books are made available in the department library as well as in the central library. For the successful implementation of the curriculum teachers are encouraged to adopt various teaching pedagogy such as flipped classroom, blended learning, presentation and model based teaching etc. An Industry member is a part of the Program Assessment and Department Advisory board to give timely suggestions and advice to the Head of Department to give an industry exposure to the students. The college receives regular updates of circulars through letters and emails from the university, regarding the changes or modifications in the curriculum. The Principal informs the concerned Head of the Department and teachers about changes in curriculum and gives them a copy of the same. The faculties receive all sorts of support from the university and college to understand the curriculum. Timely meetings are conducted and instructions are given for submission of Assignments and execution of Internal Assessments are well planned and executed before final examination. The project reviews and presentations are done for final year students with the support of Department Project Coordinator and an Overall Project Coordinator. The laboratories and library are kept opened beyond working hours to facilitate student learning process. Industrial Visits, Guest Lectures and Valued added courses are arranged to fill the curriculum gap and to increase the program outcome attained by each student.

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization
BE	BM	Biomedical Engineering
BE	CE	Civil Engineering
BE	CS	Computer Science Engineer
BE	EC	Electronics and Communication En
BE	EE	Electrical and Electronics Eng
BTech	IT	Information Technology
BE	ME	Mechanical Engineering

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1.1.2 - Programmes/ courses focussed on employability/ entrepreneurship/ skill development durin

Programme with Code	Programme Specialization	Date Introduced
BE	Civil Engineering - Foundational Course on Entrepreneurship	27/01/

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1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization
BTech	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
BTech	COMPUTER SCIENCE AND BUSINESS SYSTEMS
BE	ROBOTICS AND AUTOMATION ENGINEERING

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective Course System implement Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of im
BE	Biomedical Engineering	
BE	Civil Engineering	
BE	Computer Science and Engineering	
BE	Electronics and Communication Engineering	
BE	Electrical and Electronics Engineering	
BE	Mechanical Engineering	
BTech	Information Technology	

1.3 - Curriculum Enrichment

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

Value Added Courses	Date Introduced
Solid Works	28/02
STAAD PRO and Revit Architecture	14/05
Manufacturing In Nano Technology	18/07
Hands on training for Advanced Biosignal Processing	13/08
MEMS and Microfluidic Systems	17/09
SENSORS AND TRANSDUCERS	18/09
Software Reuse Re-Engineering	06/08
Smart Wearable Electronic devices	16/08
Advanced Technologies in Product Development Reverse Engineering	27/08

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1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enroll
BE	Mechanical Engineering	

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

- Students
- Teachers
- Employers
- Alumni
- Parents

1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the inst

Feedback Obtained

The feedback is collected based on the curricular and non curricular a stakeholders through online mode on a regular basis to ensure outcome is analysed and the report is submitted by the IQAC members of each dep . The Director IQAC with his members discuss the points periodically i necessary steps to overcome the short falls pointed by the stake holde

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	N
BTech	Information Technology	120	
BE	Mechanical Engineering	120	
BE	Electrical and Electronics Engineering	120	
BE	Electronics and communication Engineering	120	
BE	Computer Science and Engineering	120	
BE	Civil Engineering	60	
BE	Biomedical Engineering	60	

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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
2019	625	2	192	

2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems (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
198	198	15	25

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

Student Mentoring and one to one counselling is available in the institution. An online Student Mentoring system is available. The mentoring system is classified into two major areas where one part concentrate on the academic development of the student while the other part concentrate on the personal and emotional development of the student.

Number of students enrolled in the institution	Number of fulltime teachers
625	198

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 year
21	23	Nil	Nil

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships at 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
2019	Dr.M.Suchithra	Professor	Best Technical International Association and Information
2019	Dr.K.Mohanasundaram	Professor	Best Technical
2019	Dr.Ganesh Narayanan	Professor	Tech S
2020	Dr.Ganesh Narayanan	Professor	Humanitarian Gl

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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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results
BE	BM	3,5,7 SEMESTER	26/11/2019	
BE	CE	3,5,7 SEMESTER	02/12/2019	
BE	CS	3,5,7 SEMESTER	03/12/2019	
BE	EC	3,5,7 SEMESTER	02/12/2019	
BE	EE	3,5,7 SEMESTER	06/12/2019	
BE	IT	3,5,7 SEMESTER	30/11/2019	
BE	ME	3,5,7 SEMESTER	03/12/2019	

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2.5.2 - Average percentage of Student complaints/grievances about evaluation against total number of students in the year

Number of complaints or grievances about evaluation	Total number of students appearing
1	2164

2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offered displayed in website of the institution (to provide the weblink)

<https://www.veltechmultitech.org/programmes>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Nu
MECH	BE	MECHANICAL ENGINEERING	124	
IT	BTech	INFORMATION TECHNOLOGY	89	
EE	BE	ELECTRICAL AND ELECTRONICS ENGINEERING	77	
EC	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	108	
CS	BE	COMPUTER SCIENCE AND ENGINEERING	109	
CE	BE	CIVIL ENGINEERING	44	
BM	BE	BIOMEDICAL ENGINEERING	56	

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2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design be provided as weblink)

<https://docs.google.com/forms/d/e/1FAIpQLSfc4sw7Bof97mAt0FuoXeK5jVMsg1>

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 - Teachers awarded National/International fellowship for advanced studies/ research during t

Type	Name of the teacher awarded the fellowship	Name of the award
No Data Entered/Not Applicable !!!		

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3.2 - Resource Mobilization for Research

3.2.1 - Research funds sanctioned and received from various agencies, industry and other organisat

Nature of the Project	Duration	Name of the funding agency	Total gr sanction
Minor Projects	0	MODROBS -AQIS	10.00
Minor Projects	7	AICTE AQIS	4.97

Minor Projects	3	DST NIMAT EAC	0.2
Any Other (Specify)	14	AICTE UBA	0.5
Minor Projects	7	AICTE AQIS - MODROBS	9.03
Any Other (Specify)	14	AQIS Skill Development Programme SC/ST	5.68
Any Other (Specify)	14	AQIS - FDTP	7

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3.2.2 - Number of ongoing research projects per teacher funded by government and non-governmer

2

3.3 - Innovation Ecosystem

3.3.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia

Title of workshop/seminar	Name
Importance of Internship	
Emerging Trends in Product Development and Reverse Engineering	Mechanic
Vulnerability Assessment, Pen Testing, and Ethical Hacking	Compute En
Application of Product Design and Development	Mechanic

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3.3.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the y

Title of the innovation	Name of Awardee	Awarding Agency
No Data Entered/Not Applicable !!!		

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3.3.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature
Pre Incubation Centre	Youngleads	Institution	Sell O Buy	Books

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3.4 - Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

Name of the Department
Electronics and Communication Engineering
Electrical and Electronics Engineering

Physics Department	
Chemistry Department	

3.4.2 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publications
International	Biomedical Engineering	4
International	Civil Engineering	3
International	Computer Science and Engineering	5
International	Electronics and Communication Engineering	14
International	Electrical and Electronics Engineering	27
International	Information Technology	12
International	Mechanical Engineering	25

No file uploaded.

3.4.3 - Books and Chapters in edited Volumes / Books published, and papers in National/International journals during the year

Department
Electronics and Communication Engineering
Electrical and Electronics Engineering

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3.4.4 - Patents published/awarded during the year

Patent Details	Patent Status
DETECTION AND ANALYSIS OF SKIN CANCER LEVEL DYNAMICS USING INFRARED THERMAL SENSOR	Published

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3.4.5 - Bibliometrics of the publications during the last academic year based on average citation index in PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index
Analyzes of Mouth Cancer Using Max-Min Composition in Soft Computing	Dr. M. Nagarajan	International Journal of Advanced Trends in Computer Science and Engineering	2019	

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3.4.6 - 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
Analyzes of Mouth Cancer Using Max-Min Composition in Soft Computing	Dr. M. Nagarajan	International Journal of Advanced Trends in Computer Science and Engineering	2019	

[View File](#)

3.4.7 - Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty Presented papers	International	National
	4	11

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3.5 - Consultancy

3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency
NA	NA	NA

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3.5.2 - Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated
NA	NA	NA	

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3.6 - Extension Activities

3.6.1 - Number of extension and outreach programmes conducted in collaboration with industry, co-Operative 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 activities
Social Service	Institution -NSS Wing	2

[View File](#)**3.6.2 - Awards and recognition received for extension activities from Government and other recogn**

Name of the activity	Award/Recognition	Awarding Bo
Republic Day Parade	All India Best Air wing Cadet Award	Govt. of I

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3.6.3 - Students participating in extension activities with Government Organisations, Non-Governme 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 activ
Social Service	Institution -NSS Wing	National Safety Day Pledge	2

[View File](#)**3.7 - Collaborations****3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange during**

Nature of activity	Participant	Source of financial s
NA	NA	NA

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3.7.2 - Linkages with institutions/industries for internship, on-the- job training, project work, shari year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details
Industry Institute Interaction	Internship	AKAS MEDICAL EQUIPMENT

[View File](#)**3.7.3 - MoUs signed with institutions of national, international importance, other institutions, indus year**

Organisation	Date of MoU signed	Purpose/Activities
Tata Consultancy Services Limited	21/06/2019	To access the Shared Software Applications

[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 augmentation
500.12	

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly
Laboratories	Newly

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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 partially)
OPAC	Fully

4.2.2 - Library Services

Library Service Type	Existing		Newly Added	
	Count	Value	Count	Value
Text Books	19906	25241950	450	143500
Digital Database	97	10000	Nil	Nil
Digital Database	1	200000	Nil	Nil
e-Journals	754	875000	Nil	Nil

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

Name of the Teacher	Name of the Module	Platform on which module developed
Dr. N. Ganesh	Operating Systems	PPT Document
Dr.N Ganesh	Software Engineering	PPT Document
Dr.N.Ganesh	Regional Language on Operating Systems	Document Tamil Tran Dubbing
Dr.N.Ganesh	Regional Language on Software Engineering	Document Tamil Tran Dubbing
Dr.N.Ganesh	Agile Methodologies	PPT Document
Dr.N.Ganesh	Python Programming	PPT Document

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4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Department

Existing	890	13	1	1	1	1	7
Added	60	0	0	0	0	0	0
Total	950	13	1	1	1	1	7

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

70 MBPS/ GBPS

4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and
Canvas Instructure Learning Management System	https://canvas.instru
You tube Content Videos	https://youtu
You tube Content Videos	https://youtu
You tube Channel	https://www.youtube.com/cha

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities, year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities
32.61	19.38	15.47

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

Once the subject is allotted the Faculty Member should prepare the plan. The Faculty Member should get the lesson plan and course file approved. The course file consists of preface, previous year university question sheets, test / exam question papers, two model answer scripts for each (any), minute paper, feedback analysis report. The Faculty member's records should be updated and put up for the inspection every month by HOD / Principal. Faculty Member should engage the full hour and should not leave the classroom. Faculty Member should make use of various teaching aids such as OHP, Power Point Presentation to enrich the quality of course delivery to the students. The Faculty Member should encourage students to clarify the doubts and to ask questions. The Faculty Member should respond to the queries received from the students and act / adjust the teaching appropriately. Faculty Member should take care of academically backward students and pay special attention to them by conducting special classes. 16.9 In problem oriented subject, regular tutorials should be conducted. The tutorial problems have to be handed over to the students at the advance of actual class. The Faculty Member should interact with the students and inform him / her about the habitual absentees, academically backward students, and behavior etc. The Faculty Member should always aim for 100 pass result in the examination work accordingly. The Faculty Member should motivate the students and encourage originality in the students. The test papers must be corrected within 24 hours of examination and marks submitted to the HOD for forwarding to Principal. Laboratory manuals shall be prepared and maintained by the lab incharge. Calibration of experiments shall be carried out periodically. The Faculty Member Laboratory class must perform the experiments personally and be satisfied with the results.

asking the students to conduct the experiments. The lab observations/reports should be submitted to the Faculty Member and there or at least by next class. Whenever possible, additional assignments and projects should be given to enlighten the students. During Invigilation, the Faculty Member should be continuously moving around. He / She should not sit in a place for long. The Faculty Member should watch closely so that nobody does any malpractice in the examination. If any malpractice is noticed, the Faculty Member should get a written statement from the student and inform the University Representative / Chief Superintendent. Class Coordinator should also be informed. In the case of cycle test / Model Examination for the above will form the basis for the malpractice.

<https://www.veltechmultitech.org/wp-content/uploads/2020/01/service-i>

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme
Financial Support from institution	Founder Chairman Scholarship
Financial Support from Other Sources	
a) National	Govt. scholarship-PMSS/BC/MBC Scholarships
b) International	Nil

No file uploaded.

5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students benefited
Bridge Course	05/08/2019	6
Business English Certificate Training	23/07/2019	6
Remedial Coaching	16/10/2019	1
Soft Skill Training	24/06/2019	9

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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students benefited by both
2019	Competitive Examination Training Scheme	14	2	

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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevention during the year

Total grievances received	Number of grievances redressed	Avg. number
2	2	

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus				
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number
E CON SYSTEMS	152	9	KAAR TECHNOLOGY	

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined
2019	1	BE	CSE	UNITEC INSTITUTE OF TECHNOLOGY

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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/ qualified
GATE	21
Any Other	28

No file uploaded.

5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level
Sports Day	Institution Level

No file uploaded.

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national level (each event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural
2019	Anna university Zone 1 Quarter Final	National	1	Nil
2019	Anna university Zone 1 Quarter Final	National	1	Nil

2019	ANNA UNIVERSITY ZONE-1 TOURNAMENT	National	1	Nil
2019	ANNA UNIVERSITY ZONE-1 TOURNAMENT FOR KABADDI (MEN)	National	1	Nil
2019	GOLD MEDAL for HALF MARATHON ANNA UNIVERSITY ZONE-1 TOURNAMENT	National	1	Nil
2019	SILVER MEDAL for SHOTPUT at ANNA UNIVERSITY ZONE-1 TOURNAMENT	National	1	Nil
2019	SILVER MEDAL for 5000 METRE at ANNA UNIVERSITY ZONE-1 TOURNAMENT FOR ATHELETICS (WOMEN)	National	1	Nil
2019	SILVER MEDAL for 1500 METRE ANNA UNIVERSITY ZONE-1 TOURNAMENT FOR ATHELETICS (WOMEN)	National	1	Nil

[View File](#)

5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies (maximum 500 words)

The Institution holds 11 student clubs including the Academic , Co- Curricular Activity clubs. The students also represent the Institute Innovation and improvement of Research and Innovation .

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College with the alumni through which alumni activities and interaction takes place. Alumni Association of Vel Tech Multi Tech is registered with the registrar. A meet is conducted yearly once (Jan 26) where all of our alumni are invited on this occasion. Two or three alumni will be specially invited to make their presentations for the alumni meet. Contributions of Alumni Association • Alumni interact and give them information regarding current trends and practices in their work, so that suitable improvements in the infrastructure facilities can be made in the institution. • Alumni also interact with the final year students and guide them for campus interviews in CORE/IT companies. • Actively involved in guiding students for placements. • Help the department to identify the industries for training. • Arrange for visit to the industry where they can undergo in-plant training. • Arrange for visit to the industry where they can books to the department library. • Act as ambassadors of the college to attract admissions. • Interactive sessions in providing guidance regarding higher studies, exams and placement for juniors. • During campus recruitment, passed out alumni with the recruitment procedures give voluntary help to the current year students for recruitment.

5.4.2 - No. of registered Alumni:

5400

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

5.4.4 - Meetings/activities organized by Alumni Association :

Contributions of Alumni Association • Alumni interact with the res information regarding current trends and practices in the industries suitable improvements in the infrastructure facilities can be made i also interact with the final year students and guide them in prepari CORE/IT companies. • Actively involved in guiding final year projec department to identify the industries for training, so that the stu training. • Arrange for visit to the industry where they are employ department library. • Act as ambassadors of the college to produce i Interactive sessions in providing guidance regarding higher studie placement for juniors. • During campus recruitment, passed out stude recruitment procedures give voluntary help to the current year stude

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

The Principal is the Head of the Institution who holds the full responsibility to run the day today activities and transactions of th taken by the principal stands undisturbed and unaltered by the managem the full responsible person for the success and failure of the departu are provided with impressed cash where they could use them for th Department. The Knowledge transfer activities are continuously monito feedback received from different stake holders such as Employers, Pa:

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

Yes

6.2 - Strategy Development and Deployment

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The Institution is supported with Library for Enhance will be open on all the days from 7.00 AM to 7.00 PM. hostel. The institute distinguishes itself from otl holistic approach and unique foresighted planning i professional education with state-of-the-art technolog institute is to generate a horde of highly creativ contribute not only to the Human Resource Development exercise. Vel Tech Multi Tech is supported by eminent Scientists, Academicians and Management consultants practice. All round personal growth of the students a skills are the key objectives of Vel Tech Multi Tech. effective men and women paving the way to immediate en Facilities supports the students to get the right progression.
Research and Development	The collaborative RD projects on frontier research are in enriching knowledge of our faculty and students and

	<p>our educational programs. Also, these projects promote organizational innovation process by the development of products and deliverable products and quality of the same are published in International Journals, arising out of</p> <p>Highlights</p> <ul style="list-style-type: none"> □ DST-FIST Funded Institute □ DSIR SIRO Established Institute □ MoUs with National/ International Universities □ Anna University Recognized Research Centers □ Entrepreneurship Institute (EDI) approved by CED, Anna University □ 100% Students Achievements: Motorola Scholar, USA Best Innovation award etc. □ Life Time Achievement Award by National Summit - 2013 received by Founder Chairman □ Active ISIRI <p>Smooth Implementation For Research</p> <ol style="list-style-type: none"> 1. Autonomy to the PI's 2. Complete autonomy to PI's as per the guidelines of the bank accounts maintained for individual projects 3. Departments are established with adequate lab facilities for projects 4. Facilitate timely auditing and submission of the funding authorities 5. Customs and duty tax exempt equipment under SIRO 6. Support in terms of technology 7. Adequate human resources 8. Reduced teaching load and research load for faculty members who pursue Ph.D.
Examination and Evaluation	<p>The Controller of Examinations will frame the Guide system. Three Internal Assessment will be done to evaluate students. Mini Project and Main Project Reviews with guidance of Subject Experts. The Internal marks are uploaded on the Portal and will be accounted towards the End Semester Examination. The results will be uploaded in the Institution Website.</p>
Teaching and Learning	<p>CONVENTIONAL</p> <ul style="list-style-type: none"> □ Equipped With DLP/LCD □ Open/ Group Discussion □ house Industry Projects □ White Board, Chalk Talk, IIT <p>CONVENTIONAL</p> <ul style="list-style-type: none"> □ Encouragements for Discussions outside the class □ current technical affairs □ Business Incubations □ Innovation □ Virtual forum
Library, ICT and Physical Infrastructure / Instrumentation	<p>The Central Library is established to enhance the student collections of Books, Journals Non-book materials are Engineering, and Technology, Biomedical and Science collection of 80,386 Volumes of Books, 19,906 Titles. Institution membership like Anna University Library Card, British Council Library Card. All the books are bar-code scanners are used in the circulation counter for has a EDUSAT Programmes and NPTEL video courses in education. Apart from central library each department has with Reference collection.</p>
Curriculum Development	<p>The Curriculum is developed based on the inputs from various Employers and Industry based Advisory Board Members program is designed by giving considerable emphasis Internships to improve the quality. The curriculum gap Program Assessment Committee and the gap is filled by with the concern from the Board of Studies.</p>
Human Resource Management	<p>The Staff Recruitment is done based on the vacancy position and is assured whether the candidate will full justify</p>

	recruited. The Recruited Staff is given sufficient to involve in various development activities offered Institution. Technical Skill Development Sessions are members on a regular basis to achieve maximum productivity followed for smooth functioning of the departments environment. A healthy and safe environment is main
Industry Interaction / Collaboration	MoU with around 57 Public sector/Research Institutions Organizations, and 42 MNCs totaling 156 active MoUs research, student and faculty exchange
Admission of Students	The admission process is completely transparent. The process is clearly specified in the prospectus. The si is done by Anna University as per the University rule under management quota are filled through another si consortium of self-financing colleges in Tamil Nadu. application by Anna University <input type="checkbox"/> Ranking based on cu generation to resolve tie in cut off <input type="checkbox"/> Seat allotment policy Management Quota <input type="checkbox"/> Online / Personal enquiry <input type="checkbox"/> scrutinize through consortium <input type="checkbox"/> A

6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	Principal is the Head of The Institution. Principal assi the policies and taking decisions on setting goals and preparing the master plan, using the resources available buildings for academic work and administrative work s halls, auditorium, staff quarters, recreation centre, h - amenities, sports, etc., To carry out the works r building in time with the additional provision for development. The Principal Coordinates the activities DOTE, Government and NBA for Affiliation, Approvals, A respectively and other related works. He Makes the shor setting out the priorities based on the 10 years institution. The Principal is involved in Carrying out policy of the institution approved by the Governing Cou discipline and quality educat:

6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and towards m during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of which m
2019	Dr.M. Suchithra	International Conference on Computer and Communication Management , Bangkok	

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6.3.2 - Number of professional development / administrative training programmes organized by the staff during the year

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Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date
2019	Non Destructive Testing	Non Destructive Testing	19/08/2019
2020	Advancement in Automotive safety	Advancement in Automotive safety	24/01/2020

[View File](#)

6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Program Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended
FOTP - Microprocessor And Microcontroller	2
International Conference - Advanced Materials	1

[View File](#)

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

Teaching		Non-teaching
Permanent	Full Time	Permanent
198	198	65

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
1. Cash award/13th month salary for Long standing staff 2. Gratuity 3. Group Insurance 4. Provident Fund 5. Mother's Fund 6. Festival Gift 7. Free Transport for senior faculty 8. Gift for Marriage 9. Marriage Leave 10. Staff quarters 11. Interest free loans (Staff welfare fund) 12. Free medical facilities 13. Free accommodation (hostel) 14. Traveling allowance 15. Maternity leave 16. Free Education for Wards of Employee 17. Extended Vacation holidays	1. Group Insurance 2. Provident Fund	1. Cash Awards Bonvoyage Fund Higher Education and student development 2. Gold Medals Fee toppers in University Exams 3. Plant Training report submitted Project fabrication 5. Coaching towards TOEFL, GRE, CAT, GATE Cash Awards to the winners in curricular activities 7. Provision for participation in project with certificate for Best Project to the college toppers by industry Cell 10. Group Insurance scholarship concession for students on campus Duties (OD) to participate in Cultural/ sports 13. Providing participants 14. Class toppers them to hoist the flag on Independence

6.4 - Financial Management and Resource Mobilization

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

Yes.

6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthropy (Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received i
Professional Charges by Institution	791000

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6.4.3 - Total corpus fund generated

2584700

6.5 - Internal Quality Assurance System

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

Audit Type	External	
	Yes/No	Agency
Academic	Yes	ISO
Administrative	Yes	ISO

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

Daily student attendance report sent to their parents periodically
 University exams mark of all students are sent to their parents per provided to every parents. Parents can view the overall activities of The details include attendance, marks, club activities, disciplinary parent is given a username and password. Parents are given a demo about Day Student can access class timetable, test timetable, topics attendance, unit tests, model exam and university result v

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

- Non-teaching staff doing diploma courses and part time B.E. / B.T technical staff.
- Quality improvement program for Sel

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

1. Formation of IQAC
2. Establishment of Institute Innovation Ce
- Entrepreneurship Cell to a incubation Centre
4. Formation of Academic
- Various Quality Ranking System
6. Implementation of OBE
7. Implement

6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

b) Participation in NIRF

c) ISO certification

d) NBA or any other quality audit

6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	D
2019	Academic Audit	11/09/2019	01/10/2019	04
2020	Academic Audit	19/02/2020	02/03/2020	04

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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)

Title of the programme	Period from	Period To
Women in Entrepreneurship	05/03/2020	09/03/2020

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

Our college is having green environment with number of trees and their maintenance to make the environment eco-friendly. They are energy conservation, water conservation, etc. The campus buildings are supported with solar power for alternate energy. The campus buildings are also provided with solar water heating system.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number
Ramp/Rails	Yes	
Rest Rooms	Yes	

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
2019	1	1	05/06/2019	1	TREE PLANTATION
2019	1	1	11/06/2019	1	RALLY PROMOTE RAIN WATER HARVESTING
2019	1	1	21/08/2019	1	AWARENESS SPEECH BLOC DONATION
2019	1	1	11/09/2019	3	ANTI-PLASTIC MOVEMENT
2019	1	1	27/09/2019	1	HEALTHY FOOD HABITS

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7.1.5 - Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Service Rules	24/06/2019	Service Rules is a book publication done every year. Ethics and the values and ethics to be followed by administrators.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To
Poster Presentation on Human Values	29/01/2020	29/01/2020

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7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

Energy Conservation Use of Renewable Energy Water Harvesting Efforts for environmental plantations Waste management E-waste management: Energy conservation followed to achieve energy conservation in our campus. • Class room power management: The appliances in the class room which are not required during the break are switched off. The Incandescent bulbs are replaced with high efficient CFL bulbs. • Encouraging students and faculty members to use the energy sparingly. • Rotary machines are periodically maintained. • Energy saving motors are purchased. • Use of solar power on campus. • The college classrooms are well lighted. • In non-reading areas, lighting is reduced. • Boards are displayed in every class room with a reminder to switch-off electrical appliances when not in use. Use of renewable energy is supported with solar power for alternative power supply. The hostel is equipped with solar water heaters. Water harvesting Rain water harvesting is a priority. All the buildings in the campus are provided with rain water harvesting systems. A treatment plant is available in the campus. The treated water is used for various purposes. • Plants are made available to purify drinking water. Efforts for Carbon Footprint Reduction ensures that the vehicles owned by it regularly conducts carbon emission checks. Cigarettes are strictly prohibited inside the campus. Plantations External Greenery: The campus is surrounded by trees and plants. • Neem trees are planted and maintained using the exit water from the nursery is developed in the campus to grow more plants and different varieties of trees and shrubs are planted around the campus. Waste management Solid waste management: and sewage treatment plant is installed in the campus. Whenever project waste is generated in the college, authorities ensure that the waste materials are taken away for proper disposal. E-waste management: The obsolete computers and other wastes are collected and equipment are auctioned to authorized e-waste dealers and the hazardous wastes are removed and disposed as per norms. The old computers are kept in a separate room for disposal.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

• Student novel ideas are transformed into a project and which is carried out by the student developing the innovation mind of the student and setting a path by developing the project.

and Green environment is always important for healthy life" taking
institution celebrated National Tree Day and planted many tree sap
Institution paid at most importance to mould students ethically to ser
by conducting various lecture series on Organisational Behavior and
Institution have given right platform to develop the entrepreneurial S
with the Start Up India- Stand Up India Policy of the

Upload details of two best practices successfully implemented by the institution as per NAAI
provide the link

<https://www.veltechmultitech.org/entrepreneurship-deve>

7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision,
words

At Veltech Multitech, we believe in imbining integrity, curiosity, re
of the traits that can transform individuals into supreme beings. We
our students with self confidence and self esteem to create a courage
average of 80 percent placement consistently for the past five yea
students enrolling to higher studies in India and Abroad to various
percent of our students are successful in their Entrepreneurial Vent
quality policy of our Institution is to breed Excellence in Everything
supreme virtues of life such as Honesty, Integrity, Hard work, Politen
Dedication to the purpose.

Provide the weblink of the institution

<https://www.veltechmultitech.org/vision-and-mi>

8.Future Plans of Actions for Next Academic Year

Students to have one online course like NPTEL or Coursera etc. before
Value Added Courses - 1 course per Department before June 2021 Communi
(CbE) for the 3rd Semester Students Technical Training Exercise (TTE)
Department wise MoUs with SMEs to encourage students to do Internship/I
activities. KTA to roll around in full swing with fortnight review by
concerned Department Heads