



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	KIT - KALAIKARNANIDHI INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr. N. MOHAN DAS GANDHI
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04222367890
Mobile no.	9965590099
Registered Email	principal@kitcbe.com
Alternate Email	iqackit@gmail.com
Address	S.F. NO. 282, 282, Kannampalayam (po), Coimbatore
City/Town	Coimbatore
State/UT	Tamil Nadu
Pincode	641402

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			24-Jun-2019		
Type of Institution			Co-education		
Location			Rural		
Financial Status			Self financed		
Name of the IQAC co-ordinator/Director			Dr. R T Yamuna		
Phone no/Alternate Phone no.			04222367890		
Mobile no.			9842563693		
Registered Email			principal@kitcbe.com		
Alternate Email			iqackit@gmail.com		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			https://kitcbe.com/assets/img/AQAR-REPORT-AY-2018-19.pdf		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			https://kitcbe.com/assets/img/academic-calendar-2019-20-even.pdf		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.07	2016	29-Mar-2016	31-Dec-2024
6. Date of Establishment of IQAC			01-Apr-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	

Course plan, course material preparation - Covid-19 - Action Plan - Online Classes - CIA -exam - End Semester Examination.	10-Apr-2020 1	242
Course plan, course material preparation - IQAC audit question bank and answer script - ISO audit	02-Jan-2020 1	330
IQAC Answer script audit - Participation in ARIIA Ranking 2020 - NBA - SAR preparation -Course file audit	01-Oct-2019 1	138
Composition of IQAC members - Institution Innovation Council (IIC) nomination - Research committee Constitution - CIA question paper audit - NBA internal audit	04-Sep-2019 1	134
IQAC meeting - First year orientation programme - CIA Result analysis - NBA training session for Agri, Aero, BME, BTE - EDC activities	01-Aug-2019 1	82
Constitution of exam committee for CAT - End semester exam - IQAC auditors for CAT audit - BoS standing committee constitution - Club Activities	03-Jul-2019 1	81
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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
Institution	Skill development program centre for SC/ST students	AICTE	2019 365	1693000
Institution	PMKVY	AICTE	2019 365	303210
Mechanical Engineering	Industry sponsored	South Himalaya Power Solution,	2019 270	350000

	Projects	Pollachi, Coimbatore		
Mechanical Engineering	Industry sponsored Projects	Magnetic Core Power Transformers, Coimbatore	2019 365	54000
MBA	Industry sponsored Projects	Coptech wire industry	2019 365	154000
MBA	Industry sponsored Projects	Coptech wire industry	2019 365	67000
ECE	Industry sponsored Projects	Smart Mobile Weigh System	2019 365	10000
ECE	Projects sponsored by the College	Dr.Vidya Incubation Centre Dr.Vidya Incubation Centre	2019 365	10000
EEE	Projects sponsored by the College	Dr.Vidya Incubation Centre	2019 365	10000
Aeronautical Engineering	Projects sponsored by the College	Dr.Vidya Incubation Centre	2019 365	10000
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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 :	7
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)

Autonomous Status from June 2019 NBA Reaccreditation of ECE, CSE and EEE departments and New Accreditation of Aeronautical Engineering and MBA departments

Participation in Smart India Hackathon Participation in NIRF, ARIIA, IIC
Established Dr. Vidhya Incubation Centre.

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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
Identifying renowned persons for BoS and Academic Council	First BoS meeting of semester I and II were conducted successfully by all the departments viz., S&H, AERO, AGRI, BIOMEDICAL, BIOTECH, CSE, ECE, EEE, MECH, MBA, MCA on 24.7.2019, 25.7.2019, 30.7.2019, 26.7.2019, 29.7.2019, 26.7.2019, 27.7.2019, 24.7.2019, 27.7.2019, 22.7.2019 Second BoS meeting for III semester was conducted successfully by all the departments viz., S&H, AERO, AGRI, BIOMEDICAL, BIOTECH, CSE, ECE, EEE, MECH, MBA, MCA on 26.9.2020, 6.10.2020, 24.9.2020, 18.9.2020, 22.9.2020, 16.9. 2020, 17.9.2020, 31.8.2020, 22.9.2020, 29.8.2020, 22.9.2020
Plan to introduce CSBS and AI&DS	Approval sanctioned for CSBS and AI&DS from the academic year 2020-21
Introduction of course moderators and course coordinators for all courses	Course moderators and course coordinators created for all courses
Creation of Google Classroom for students	Department and year wise Google Classrooms created
Creation of material repository	Repository Google Classrooms created
Implementing Experiential Learning	"UAV lab supported by MIT, Chennai " has been set at KIT on March 2020 Hands on workshop on Experience and Engagement Marketing with Eastern Michigan University, USA on July 2019
Improve the Financial Stability of the Institution by applying Funds	Number of Funds applied and Granted were significantly increased.
Improvement in Faculty Empowerment	FDP attended by faculty on recent technology is improved.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body of KIT- Kalaigarkaranidhi Institute of Technology	20-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	16-Feb-2020
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	05-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)	<p> KIT Kalaighnarkarunanidhi Institute of Technology Management Information System Management Information System Supports the Academic and Autonomous Examination activities. Student enrollment after admission is made either through Government Quota or through Consortium and the corresponding data will be updated in the Academic databases. The various modules used are as follows: 1. All activities related to Teaching and Learning process. 2. Students Attendance (both for Theory and Laboratory classes). 3. Lesson Plan. 4. Class Timetable. 5. Faculty individual timetable 6. CIA marks 7. Assignment marks. 8. The Provision of separate login, for both faculty and students with a unique user name and Password. 9. Uploading of Course materials, presentations, Video Lectures, Previous Question Papers, notes in their Lesson Plan Tab which can be accessed by the students. 10. All records related to Academic activities are maintained in paperless form and its retrieval becomes easy for the users. 11. Examination activities are carried out using the COE portal. 12. Autolib The library management module is used for maintaining the records of the library like issue, return and renewal of books. The search of a title, late fee for return after due date can also be found using the software. 13. The Tally is used for account maintenance </p>

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	Date of Revision
BE	AE	AERONAUTICAL ENGINEERING	Nil
BE	CS	COMPUTER SCIENCE AND ENGINEERING	Nil
BE	EC	ELECTRONICS AND COMMUNICATION ENGINEERING	Nil
BE	EE	ELECTRICAL AND ELECTRONICS ENGINEERING	Nil
BE	ME	MECHANICAL ENGINEERING	Nil
BE	AG, BM	AGRICULTURE ENGINEERING, BIOMEDICAL ENGINEERING	Nil
BTech	BT	BIOTECHNOLOGY	Nil
ME	CS, AE, VD, PS, ME	COMPUTER SCIENCE AND ENGINEERING, APPLIED ELECTRONICS, VLSI DESIGN, POWER SYSTEMS, ENGINEERING DESIGN	Nil
MCA	CA	MASTER OF COMPUTER APPLICATIONS	Nil
MBA	MB	MASTER OF BUSINESS ADMINISTRATION	Nil

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	AERONAUTICAL ENGINEERING	01/08/2019	B19EET202, B19 EEP202, B19CST102, B19CSP102	01/08/2019
BE	COMPUTER SCIENCE AND ENGINEERING	01/08/2019	B19CST101, B19CSP101, B19CST201, B19CSP201	01/08/2019
BE	ELECTRONICS AND	01/08/2020	B19ECT202, B19 ECP201,	01/08/2019

	COMMUNICATION ENGINEERING		B19CST101, B19CSP101,	
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2019	B19EET201,B19 EEP201, B19CST101, B19CSP101,	01/08/2019
BE	MECHANICAL ENGINEERING	01/08/2019	B19MET201, B19CST102, B19CSP102	01/08/2019
BE	AGRICULTURE ENGINEERING	01/08/2019	B19AGT201,B19 AGP201, B19CST102, B19CSP102	01/08/2019
BE	BIOMEDICAL ENGINEERING	01/08/2019	B19BMT201, B19CST101, B19CSP101	01/08/2019
BTech	BIOTECHNOLOGY	01/08/2019	B19BTT201,B19 BTT202,B19BTP201, B19CST102, B19CSP102	01/08/2019
MCA	MASTER OF COMPUTER APPLICATIONS	01/08/2019	M19CAT102,M19 CAT103,M19CAT104, M19CAP101,M19 CAP102,M19ENP101, M19CAT201,M19 CAT203,M19CAT204, M19CAT205,M19 CAP201,M19CAP202, M19CAP203	01/08/2019
MBA	MASTER of BUSINESS ADMINISTRATION	01/08/2019	M19MBP101,M19 MBP102,1,M19MBP201, M19MBP202	01/08/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	AGRICULTURE ENGINEERING, BIOMEDICAL ENGINEERING	01/08/2019
BE	BIOMEDICAL ENGINEERING	01/08/2019
BTech	BIOTECHNOLOGY	01/08/2019
MCA	MASTER Of COMPUTER APPLICATIONS	01/08/2019
MBA	MASTER of BUSINESS ADMINISTRATION	01/08/2019
BE	AERONAUTICAL ENGINEERING	01/08/2019
BE	COMPUTER SCIENCE AND ENGINEERING	01/08/2019

BE	ELECTRONICS AND COMMUNICATION ENGINEERING	01/08/2019
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2019
BE	MECHANICAL ENGINEERING	01/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	COMPUTER SCIENCE AND ENGINEERING	01/08/2019
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	01/08/2019
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2019
BE	MECHANICAL ENGINEERING	01/08/2019
BE	AGRICULTURE ENGINEERING	01/08/2019
BE	BIOMEDICAL ENGINEERING	01/08/2019
BTech	BIOTECHNOLOGY	01/08/2019
ME	COMPUTER SCIENCE AND ENGINEERING	01/08/2019
ME	APPLIED ELECTRONICS	01/08/2019
ME	VLSI DESIGN	01/08/2019
ME	POWER SYSTEMS ENGINEERING	01/08/2019
ME	ENGINEERING DESIGN	01/08/2019
MCA	MASTER Of COMPUTER APPLICATIONS	01/08/2019
MBA	MASTER of BUSINESS ADMINISTRATION	01/08/2019
BE	AERONAUTICAL ENGINEERING	01/08/2019

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
LABVIEW	01/07/2019	130
LABVIEW	08/01/2020	143
SOLID WORKS	17/06/2019	104
Professional Certificate course - I	22/09/2020	53
PCB design using ORCAD	18/06/2019	46
MATLab and Simulink	18/06/2019	62

NPTEL / Online Course	02/01/2020	1950
Outbound Training	27/07/2019	52
BIG DATA	01/08/2019	42
NPTEL	29/07/2019	1450
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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
BTech	Biotechnology	21
MCA	Master of Computer Applications	26
MBA	Master of Business Administration	104
BE	Aeronautical Engineering	78
BE	Computer Science and Engineering	52
BE	Electronics & Communication Engineering	8
BE	Electrical & Electronics Engineering	14
BE	Mechanical Engineering	33
BE	Agriculture Engineering	91
BE	Biomedical Engineering	5
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
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
<p>Feedback is being obtained to evaluate the performance of the faculty inside the class room by his/her students twice during each semester - 1. Formative feedback and 2. Summative feedback. The formative feedback is obtained during 3rd or 4th week of every semester and the summative feedback is obtained during the final weeks of the semester. The students give their feedback either paper or Google spread sheet through online. The formative feedback would be analyzed for both the academic performance and the inter-personal relationship criterion of the faculty competence as visualized by the student perception. The reasons for the said performances are identified by the individual faculty/department/institution and actions are strategized to eliminate the</p>

causes of disruption. The actions are implemented subsequently. The summative feedback is analysed to establish the improvements on action initiated after the formative feedback. A feedback to evaluate the facilities provided by the institution and the ambience provided for student centric learning is obtained at the end of the program every year from the outgoing final year students. The results are analysed, corrective and preventive actions are initiated to overcome any flaw/s indicated by the said feedback. Also feedbacks are obtained from alumni towards their possible contribution to curriculum development/curriculum enlargement/enrichment, to support our students in employment and creating an awareness of expectations of the industry in fresh graduates. The obtained feedback is analysed and the action taken report is prepared and corrective actions are implemented subsequently.

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
MBA	Business Administration	60	120	56
MCA	Computer Applications	45	32	21
ME	AE,CSE,ED,PSE ,VLSI	90	54	20
BE	AERO , AGRI	120	221	122
BE	BME	60	95	63
BE	CSE	60	120	63
BE	EEE	60	97	63
BE	ECE	120	200	126
BE	MECH	120	100	97
BTech	BIOTECH	60	80	58

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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	Number of teachers teaching both UG and PG courses
2019	2104	331	169	28	197

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	Number of smart classrooms	E-resources and techniques used

197	197	23	43	4	6
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)

Yes, Students Mentoring systems is implemented in the institute wherein 15 to 20 students are assigned to a faculty member who acts as their mentor for the entire programme duration. Mentor regularly interacts with the students and monitor their academic performance and attendance. Students are counselled by the mentors, class advisors, subject faculties and HOD for improving their academic performance and attendance. Mentors and Class Advisors counsel the students regarding their performance and schedule additional lectures/practicals. At first year level, students academic and personal issues of concern are well looked after by the class advisor/mentors. This way the students realize their responsibilities at the early stage itself. Mentoring system is followed by all departments from the second year onwards. The students are given guidance for career, personal, besides academic issues. A special arrangement also, is made available to the students to deal with psychosocial issues arising in cases like single parenting, bread earner in the family etc. For higher semesters, the mentors allocated to the students will council same group of students for three years i.e. the same set of students will be monitored and counselled till they have passed the course. The meetings of mentorship are conducted every week, in which students meet their mentors for academic and personal issues. The students who have less attendance and who have missed their internal tests are paid special attention from mentors side. Even the students with many issues are asked to call parents for parents mentor meetings. The mentor is also responsible to provide counselling to the student and provide guidance regarding personal and academic issues. The mentor keeps track on their improvements and counsels them accordingly. The role of the mentor is to nurture the students and guide them for any issues they are coming across. Students with personal/family problems if any, are given counselling and support by a professional counsellor. A large number of students who perceive the professional course are quite focussed, still they may fall short of score to be promoted to above sections. Such students are given counselling by the mentors and the subject teachers and remedial lectures are conducted. Students are supported and guided both in cocurricular and extracurricular activities. The mentors of the class discusses with each and every student individually and supports them in all the possible ways to enrich their academic performance. The mentors contacts the parents and educates them, if required about their wards performance, and the academic programmes of the college as well as the support system and the monitor system the student and parents. The mentors always keeps a check on the attendance of the student, the marks/grades obtained in the internals externals examinations, and regarding his/her candidature in the campus placement and provides remedial coaching.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2435	197	1:12

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
31	31	Nill	31	7

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
2019	Dr .THA .THAYAMANAVAN	Professor	Best senior faculty award,Novel research academy ,Puducherry
2020	Dr .J .MANIRAJ	Professor	TI Embedded System design using

			MSP430^(TM) MCU MOOC from AICTE (Recognition)
2020	Dr.P.POONGODI	Professor	Best researcher in computer and communication by RULA awards powered by world research council and United medical council
2020	Mr.Arivumani Ravanan	Assistant Professor	Innovative Ambassador from Ministry of HRD
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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 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
ME	408	III/II	12/11/2019	11/01/2020
ME	408	I/I	28/12/2019	11/01/2020
ME	405	III/II	12/11/2019	11/01/2020
ME	405	I/I	28/12/2019	11/01/2020
ME	401	I/I	28/12/2019	11/01/2020
MCA	621	V/III	05/12/2019	11/01/2020
MCA	621	III/II	19/11/2019	11/01/2020
MCA	621	I/I	26/12/2019	11/01/2020
MBA	631	III/II	27/11/2019	11/01/2020
MBA	631	I/I	30/12/2019	11/01/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	0

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://kitcbe.com/igac/aqar/PEOs-POs-PSOs-COs.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year	Number of students passed in final year examination	Pass Percentage
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			examination		
106, 114	BE	ECE,MECH	213	213	100
105	BE	EEE	21	21	100
104	BE	CSE	60	60	100
101	BE	AERO	38	38	100
419	ME	VLSI	4	4	100
411	ME	PSE	6	6	100
408	ME	ED	1	1	100
405	ME	CSE	2	2	100
621	MCA	NIL	9	9	100
631	MBA	NIL	42	42	100

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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://kitcbe.com/igac/aqar/Students_Satisfaction_Survey.pdf

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

Yes

Name of the teacher getting seed money

Mr.S.L.Pradeep Kumar, Dr.K.Ramaswamy,Dr.M.Jayasheela, Mr.V.M.Prabhakaran,
Dr.B.Senthilkumar, Dr.Lal Raja Singh, Mr.Arivumani Ravanan

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. M. Ramesh, M.E., Ph.D.,	Kanwar Virender Singh Memorial All India Best Publication Award 2019	10/12/2020	Society for Advancement of Human and Nature (SADHNA), Himachal Pradesh, India.

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3.2 – Resource Mobilization for Research

3.2.1 – 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
Any Other (Specify)	365	AICTE- SKILL AND PERSONALITY DEVELOPMENT PROGRAM CENTER FOR SC AND ST STUDENTS	16.93	8.46
Projects sponsored by the University	120	Dr.Vidya Incubation Centre	10000	10000
Projects sponsored by the University	120	Dr.Vidya Incubation Centre	10000	10000
Projects sponsored by the University	120	Dr.Vidya Incubation Centre	10000	10000
Projects sponsored by the University	120	Dr.Vidya Incubation Centre	10000	10000
Industry sponsored Projects	180	Smart Mobile Weigh System	10000	10000
Industry sponsored Projects	180	Coptech Wire Industry	67000	67000
Industry sponsored Projects	245	Coptech wire industry	154000	154000
Minor Projects	180	Tamilnadu State Council for Science and Technology	5000	5000
Minor Projects	180	Tamilnadu State Council for Science and Technology	7000	7000

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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3.3 – Innovation Ecosystem

3.3.1 – 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
Recent Trends in Biomedical Engineering - Research Perspectives	Biomedical Engineering	26/04/2020
Future of Industrial	Computer Science and	17/05/2020

IoT	Engineering	
intellectual properties rights and commercial aspects	Science and humanities	23/05/2020
Power Quality Issues and Challenges in Industry	EEE	13/09/2019
Role of Engineers in Industry	EEE	13/09/2019
Student Solar Ambassadors Workshop -2019	EEE	02/10/2019
International Conference on Science, Technology, Engineering and Management	Agriculture Engineering	13/03/2020
National Level Aeromodelling Workshop	Aero	24/01/2020
IE(I) All india seminar on Energy Efficient Technologies in 5G Wireless Communication Systems	ECE	28/11/2019
ENTERPRENERSHIP AWARENESS CAMP-II	ECE	26/09/2019
ENTERPRENERSHIP AWARENESS CAMP-III	ECE	10/10/2019
Future of Energy sector in india and opportunities for Young Managers	MBA	29/04/2020
Webinar on Situational Leadership	MBA	29/06/2020
Public policy-Laws and developmental priorities	MBA	09/06/2020
Data Science for Engineers	CSE	30/05/2020
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3.3.2 – 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
Water Distribution Management System	R. Shyam Sundarraaj, R. Abirami, R. Shruthi, V. Manoj Kumar	AIC-IIIT Kotayam Foundation and ATAL Innovation Mission of NITI AAYOG under Government of India	10/01/2020	Entrepreneurship-Start up
Research Peace Award	Dr. P. Poongodi	Rural Award	15/08/2019	Best Research in computer and

				communication
Equity Research Analyst	Kumaresan N	Triosrex	30/12/2020	Best Intern
Product Management	Ilakiya M	Triosrex	30/12/2020	Best Intern
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
DR. VIDHYA INCUBATION CENTRE	DR. VIDHYA INCUBATION CENTRE	KIT	KIT-HAPEC SOLUTIONS	MANUFACTURES OF ELECTRONIC COMPONENTS	08/10/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering (CSE)	1
Electronics and Communication Engineering(ECE)	4
Electrical and Electronics Engineering (EEE)	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Electronics and Communications Engineering(ECE)	20	Nill
National	Master of Business Administration (MBA)	1	Nill
International	Aeronautical Engineering(AE)	2	Nill
International	Computer Science and Engineering (CSE)	13	Nill
International	Electronics and Communications Engineering(ECE)	23	Nill
International	Electrical and Electronics Engineering (EEE)	4	Nill
International	Mechanical	24	Nill

	Engineering (ME)		
International	Science and Humanities (SH)	5	2.07
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering (ME)	12
Electrical and Electronics Engineering (EEE)	1
Computer science and Engineering (CSE)	7
Electronics and Communication Engineering (ECE)	8
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
System and method to preserve lifetime personal healthcare bigdata records	Published	201941053817	24/12/2019
IoT based healthcare management information system	Published	202011002284	19/01/2020
System and method for attack prevention of health care data in cloud using IoT.	Published	202011003633	27/01/2020
View File			

3.4.5 – 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
A novel method of motor imagery classification using eeg signal	Dr.J. Maniraj	Artificial intelligence in medicine	2020	66	KIT-Kalaignarkarun anidhi Institute of Technology	29
Electrically conductive self-	Dr.M.Ramesh	Self-healing Composite Materials:	2019	2542	KIT-Kalaignarkarun anidhi Institute	3

healing materials: preparation, properties and applications		From Design to Applications			of Technology	
Self-healing polymer composites and its chemistry	Dr.M.Ram esh	Self-healing Composite Materials: From Design to Applications	2019	2542	KIT-Kala ignarkarun anidhi Institute of Technology	9
Metal-Organic-Framework-Quantum dots-(QD@MOF) Composites	Dr.M.Ram esh	Metal-Organic Framework Composites : Volume I	2019	2542	KIT-Kala ignarkarun anidhi Institute of Technology	1
Effect of hybridization on properties of hemp-carbon fibre-reinforced hybrid polymer composites using experimental and finite element analysis	Dr.M.Ram esh	World Journal of Engineering	2019	2542	KIT-Kala ignarkarun anidhi Institute of Technology	13
Impact of Alkali Treatment on Characterization of Tapsi (Sterculia Urens) Natural Bark Fiber Reinforced Polymer Composites	Dr.M.Ram esh	Journal of Natural Fibers	2019	2542	KIT-Kala ignarkarun anidhi Institute of Technology	14
Bioadhesives	Dr.M.Ram esh	Green Adhesives: Preparation, Properties, and Application	2020	2542	KIT-Kala ignarkarun anidhi Institute of Technology	5

		s				
Life-cycle and environmental impact assessments on processing of plant fibres and its bio-composites: A critical review	Dr.M.Ram esh	Journal of Industrial Textiles	2020	2542	KIT-Kala ignarkarun anidhi Institute of Technology	33
Effect of Alkalization on Characterization of Ripe Bulrush (Typha Domingensis) Grass Fiber Reinforced Epoxy Composites	Dr.M.Ram esh	Journal of Natural Fibers	2020	2542	KIT-Kala ignarkarun anidhi Institute of Technology	7
Influence of Eggshell Nanoparticles and Effect of Alkalization on Characterization of Industrial Hemp Fibre Reinforced Epoxy Composites	Dr.M.Ram esh	Journal of Polymers and the En vironment	2020	2542	KIT-Kala ignarkarun anidhi Institute of Technology	13
View File						

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	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Life-cycle and environmental impact assessments on	Dr.M.Ram esh	Journal of Industrial Textiles	2020	22	33	KIT-Kala ignarkarun anidhi Institute of Technology

processing of plant fibres and its bio-composites: A critical review						
A novel method of motor imagery classification using eeg signal	Dr.J. Maniraj	Artificial intelligence in medicine	2020	3	29	KIT-Kalaignarkarunanidhi Institute of Technology
An Efficient Image Enhancement Technique using Stationary Wavelet Transform Based Image Fusion	Dr.R.Adaline Suji	International Journal of Recent Technology and Engineering	2020	4	18	KIT-Kalaignarkarunanidhi Institute of Technology
Impact of Alkali Treatment on Characterization of Tapsi (Sterculia Urens) Natural Bark Fiber Reinforced Polymer Composites	Dr.M.Ramesh	Journal of Natural Fibers	2019	22	14	KIT-Kalaignarkarunanidhi Institute of Technology
Influence of Eggshell Nanoparticles and Effect of Alkalization on Characterization of Industrial Hemp Fibre Reinforced Epoxy Composites	Dr.M.Ramesh	Journal of Polymers and the Environment	2020	22	13	KIT-Kalaignarkarunanidhi Institute of Technology
Effect of hybrid	Dr.M.Ramesh	World Journal of	2019	22	13	KIT-Kalaignarkarun

zation on properties of hemp-carbon fibre-reinforced hybrid polymer composites using experimental and finite element analysis		Engineering				anidhi Institute of Technology
Optimization of Multibody fishbot undulatory swimming speed based on SOLEIL and BhT simulators	Dr.S.Rajamohamed	International Journal of Intelligence and Sustainable Computing	2020	4	13	KIT-Kalaignarkarunanidhi Institute of Technology
Self-healing polymer composites and its chemistry	Dr.M.Ramesh	Self-healing Composite Materials: From Design to Applications	2019	22	9	KIT-Kalaignarkarunanidhi Institute of Technology
An Innovative Approach for Face Recognition using Raspberry pi	E.Udayakumar	Artificial Intelligence Evolution	2019	7	9	KIT-Kalaignarkarunanidhi Institute of Technology
A class of optimized encoder for block codes	Mrs.P.Pongodi	Journal Electrical Engineering	2020	10	8	KIT-Kalaignarkarunanidhi Institute of Technology

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	26	5	57
Presented papers	24	2	Nill	Nill

Resource persons	Nil	3	Nil	13
View File				

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	Revenue generated (amount in rupees)
Computer Science and Engineering (CSE)	An application for ERP systems for business services	JR hi-tech engineering	40000
Electrical and Electronics Engineering (EEE)	Updation of master data in ARM	South Himalaya power solutions, Chennai.	350000
Mechanical Engineering (ME)	Manually operated multi-purpose agriculture machine	Tamilnadu State Council for Science and Technology	7000
Mechanical Engineering (ME)	Power generation enhancement in Hydrostations by reducing water leakages in penstock pipelines	South Himalaya Power Solution, Pollachi, Coimbatore	350000
Mechanical Engineering (ME)	Indexing jig and work holding device for drilling on special purpose electrical accessories	Magnetic Core Power Transformers, Coimbatore	54000
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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 (amount in rupees)	Number of trainees
NIL	Nil	Nil	0	0
View File				

3.6 – Extension Activities

3.6.1 – 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 activities	Number of students participated in such activities
CYBERTON 2020 (state level technical meet)	Zillion Cubes, Coimbatore	4	180
JAL SAKTHI ABIYAN	PANCHAYAT	5	50
SWACHH BHARATH ABIYAN	COIMBATORE RAILWAY STATION	4	40

ONE STUDENT ONE TREE	AICTE	10	100
SWACHH BHARATH PAKHWARA	COIMBATORE RAILWAY STATION	5	40
NSS SPECIAL CAMP	PANCHAYAT	15	50
Digital	KIT	1	31
RAIN HARVESTING PROGRAMM	KIT	1	31
TREE PLANTATION PROGRAMM	KIT	1	31
COMBINED ANNUAL TRAINING CAMP	MCET, POLLACHI	1	31
View File			

3.6.2 – 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
State level online quiz	Award(Second place)	PALS (IIT Madras Alumni Association)	1
Leadership	Award(Best Student Leader)	PALS (IIT Madras Alumni Association)	1
Entrepreneurship-Start up	Award	AIC IIIT Kotayam Foundation and ATAL Innovation Mission of NITI AAYOG under Government of India	4
Entrepreneurship-Start up	Award	AIC IIIT Kotayam Foundation and ATAL Innovation Mission of NITI AAYOG under Government of India	1
View File			

3.6.3 – 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 activities	Number of students participated in such activities
UBA	KIT-EEE	Community Service Learning for Power in Villages using LED Lamp Assembly	4	63
IEE Hacks 2020	IIIT Kottayam	PROJECT PRESENTATION	1	1
Smart India Hackathon	MHRD	PROJECT PRESENTATION	1	1

National Innovative Project	IIT Alumni Association	PROJECT PRESENTATION	1	1
SWACHH BHARATH ABIYAN	COIMBATORE RAILWAY STATION	CLEANING PROGRAMME	4	40
JAL SAKTHI ABIYAN	LOCAL PANCHAYAT	AWARENESS PROGRAMME	5	40
SWACHH BHARATH PAKHWARA	COIMBATORE RAILWAY STATION	CLEANING PROGRAMME	5	40
EK BHARATH SHRESHTH BHARAT CAMP II	4 TN BATALION	CLEANING PROGRAMME	1	31
ONE STUDENT ONE TREE	AICTE	TREE PLANTATION	10	100
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Aircraft Hand Tools and Hard wares - Lincoln University College, Wisma, Lincoln, Malaysia	60	self supported	10
View File			

3.7.2 – 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
INTERNSHIP	Software Development	Vembu technologies	01/12/2019	28/02/2020	1
INTERNSHIP	Entrepreneurship-Startup DST-NIMAT 2019-20	IIIT Kottayam	10/12/2019	10/01/2020	4
INTERNSHIP	Cloud Computing	cloudify technologies	08/12/2019	08/03/2020	1
INTERNSHIP	Web Development	Code Bind Technologies	17/12/2019	21/12/2019	1
INTERNSHIP	Web Development	Code Bind Technologies ,Chennai	13/12/2019	17/12/2019	3
INTERNSHIP	Cloud	Litz	13/12/2019	22/12/2019	1

	Computing	Technology Coimbatore			
INTERNSHIP	Ethical Hacking	Litz Technology Coimbatore	17/12/2019	27/12/2019	7
INTERNSHIP	Python	Live stream Technologies, Coimbatore	14/12/2019	25/12/2019	2
INTERNSHIP	Web Development	Nandha Info tech Coimbatore	19/12/2019	23/12/2019	11
INTERNSHIP	Web Design	Nirtor ware technologies	12/12/2019	14/12/2019	1
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ZillionCubes, Coimbatore	10/02/2020	Strengthen academic exchanges internships and trainings	34
LARSEN TOUBRO SWITCH GEAR TRAINING CENTRE	13/09/2019	Industrial Visit ,Guest Lecture ,Training session,Workshop	162
UTL Technologies	19/09/2019	Industrial Visit ,Guest Lecture ,Training session,Workshop	268
Jet Aerospace, Palakkad	06/11/2019	To internship training ,research activities, courses, and research funding	169
Lincoln University College, Malaysia	02/12/2019	To promote scholarly exchange of students and faculty, sponsored practical training, research, publication and other scholarly activities	169
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
404250	28360

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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	Fully	5.1	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21395	9040643	119	49682	21514	9090325
Reference Books	2665	923082	25	13223	2690	936305
e-Books	550	578500	Nill	Nill	550	578500
Journals	280	698250	Nill	Nill	280	698250
e-Journals	979	602509	Nill	Nill	979	602509
CD & Video	1739	Nill	Nill	Nill	1739	Nill
Library Automation	1	70000	Nill	Nill	1	70000
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
Ms. C. Priyanka	Introduction to Problem Solving Techniques- Python	SlideShare	10/02/2020
Ms. C. Priyanka	Looping Statements and Control Statements in Python	SlideShare	11/02/2020
Ms. C. Priyanka	Distributed systems- Introduction of DSM	Youtube	12/04/2020
Dr. C. Deepa	AJAX XMLHTTPREQUEST	Youtube	21/04/2020
Dr. C. Deepa	Web Service	Youtube	22/04/2020
Dr. C. Deepa	Types of Webservice- RESTful	Youtube	22/04/2020

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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	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	692	12	120	2	2	8	16	0	0
Added	0	0	380	0	0	0	0	0	0
Total	692	12	500	2	2	8	16	0	0

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

500 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
Screen cast Video Software	https://www.youtube.com/watch?v=gatV7RnsULs
Screen cast Video Software	https://www.youtube.com/watch?v=DMsEBAe0-T4
Screen cast Video Software	https://www.youtube.com/watch?v=dLMQehs9rms
Screen cast Video Software	https://www.youtube.com/watch?v=p2K54P4yYrw

Screen cast Video Software	https://www.youtube.com/watch?v=zOVyVxbSkGY
Screen cast Video Software	https://www.youtube.com/watch?v=Vz1zsf2TKVQ
Screen cast Video Software	https://www.youtube.com/watch?v=24S0xI09_7A
Screen cast Video Software	https://www.slideshare.net/PriyankaC44/introduction-to-problem-solving-techniques-python/1
Screen cast Video Software	https://www.slideshare.net/PriyankaC44/looping-statements-and-control-statements-in-python/1
Screen cast Video Software	https://www.youtube.com/watch?v=eDdeK4HoWsU&t=477s
Screen cast Video Software	https://youtu.be/AxomYM5nAJY
Screen cast Video Software	https://youtu.be/B-ppYcX0viE
Screen cast Video Software	https://www.youtube.com/watch?v=BYP1SodIWWQ

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 incurred on maintenance of physical facilities
40	39.6	58	57.7

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)

Physical facilities The physical facilities including Laboratories, Classrooms and Computers etc. are made Available for the students those who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as suggested by the statutory body in addition to that a non-salary grants are allocated for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the non-governmental organizations for conducting the exams like scholarships etc. if not in use for the said period. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching staff and in major cases the college goes for the maintenance contract to local experts. The college garden is maintained by the gardener appointed by the institute. The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like

office, laboratories, library, departments etc. Academic and Support Facilities

The academic support facilities like library, the sports and the other platforms supporting overall development of the students like NSS or Competitive examination cell etc. is open not only to the college students but also to all the stakeholder in the surrounding with prior permission of the authority. Accession to library is permitted at the cost of the deposits as caution money. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping library clean is done frequently by library staff. The sport department of the college is meritorious and some credit defiantly goes to the adequate infrastructure of this department consisting of the Indoor Hall and the 400 meter running track which can be used by student staff and the local community out of which the outsiders are made to spend some fees for using the wooden court of indoor stadium at the cost of some maintenance of that facility is done with the help of the staff and electricity expenses are compensated. The running track and the outdoor facilities are free to use for all the stakeholders.

<http://www.kitcbe.com>

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	Dr.Vidhya Incubation center,(2019-2020),Vijayalakshmi Palanisamy Charitable Trust Scholarship(2019-2020),,Vijayalakshmi Palanisamy Charitable Trust Scholarship(2020-2021).MERIT-CUMMEANS SCHOLARSHIP FOR PROFESSIONAL AND TECHNICALCOURSES CS,NIC-TNSC	581	16360250
Financial Support from Other Sources			
a) National	First Graduate,BC /MBC,SC/ST/SCC Scholarships	773	20883015
b)International	NIL	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
LIFE SKILL DEVELPOMENT,	02/07/2019	385	EXTERNAL AGENCY
SOFT SKILLS	06/01/2020	386	KIT FACULTY MEMBERS

PLACEMENT TRAINING	02/07/2020	185	KIT FACULTY MEMBERS
SOFT SKILL DEVELOPMENT	10/07/2019	39	SIX PHRASE
TRAINING ON C PROGRAMMING	20/01/2020	61	KIT CSE FACULTY MEMBERS
PERSONAL COUNSELLING AND MENTORING	08/07/2019	1329	KIT FACULTY MEMBERS
ART OF LIVING	10/03/2020	53	ART OF LIVING
Value added Course-LabVIEW	08/01/2020	143	KIT-EEE FACULTY MEMBERS
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 passed in the comp. exam	Number of students placed
2019	PLACEMENT TRAINING	164	164	Nil	103
2019	Pre-placement training	54	54	Nil	Nil
2019	Defence - Army, Airforce and Navy	19	33	Nil	Nil
2019	Civil Services Examination	14	29	Nil	Nil
2019	KIT - ACADEMY FOR PUBLIC SERVICES-UPSC, TNPSC(GROUP I &II), ARMY, AIRFORCE AND OTHER PUBLIC SERVICE EXAMINATIONS	30	75	Nil	Nil
View File					

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
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Wipro technologies, TCS, Ziegler Aerospace Pvt Ltd, Focus edumatics, Capegemini, Future Genarali Insurance, Dams Agro Pvt.Ltd, Bull Agro Pvt.Ltd, ECN Hi-Tech Agri Pvt.Ltd and Jgrand Agro Tech Pvt.Ltd, LATLON Technologies, TCS, IMPIGER Technologies, AMP	270	207	Wipro technologies, TCS, Ziegler Aerospace Pvt Ltd, Focus edumatics, Capegemini, Future Genarali Insurance	102	42

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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	Name of programme admitted to
2019	2	Bachelor of Engineering-ECE	Electronics and Communication engineering	KIT-Kalaig narkarunanidhi Institute of Technology	MBA, ME
2019	1	Management Studies	MBA	Tesside University, UK	MSc. Finance and Accounting
2019	9	Bachelor of Engineering	Mechanical Engineering	KIT-Kalaig narkarunanidhi Institute of Technology	Master of Engineering

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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/ qualifying
Civil Services	Nil
NET	Nil
SLET	Nil
GATE	Nil
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Nil	Nil

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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
Anna University Zone IX Handball Tournament	National	126

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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	Second	National	1	Nil	IV Mech	R.Sathishkumar
2019	First	National	18	Nil	IV Mech	R.Sathishkumar
2019	First	National	1	Nil	I MBA	N.Kumareshan
2020	Fourth	National	1	Nil	IV Mech	U Anandkrishnan
2020	First	National	1	Nil	IV ECE	Team
2020	Silver	International	1	Nil	I MBA	N. KUMARESAN
2020	Second	National	1	Nil	II ECE	S. ASWIN
2020	First	National	1	Nil	IV MECH	U Anandkrishnan
2020	Second	National	1	Nil	IV MECH	K Surya Prakash
2020	Second	National	1	Nil	I Bio-Tech	A,Vinitha

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

In our institute we have 8 different departments. In each department, department level Association is formed by all Students and faculty members. In all the Departmental associations, students play multiple roles like Association Secretary, Joint Secretary, Treasurer, PRO and Association members.

With faculty members guidance all the association related activities are organized by the students' team completely. They do the Departmental activities such as coordinating hackathon, technology based competitions, symposiums, seminars, conferences and workshops. They additionally involve themselves in newsletter preparation and in the editorial committee in college level. The students involve themselves in events like college day, hostel day, Independence Day, Republic day, interaction with alumni, new projects along with startups and various club activities. Not only for organizing function, even for the team level activities like project, placement trainings, students volunteer themselves to coordinate the entire activities. They also involve in NSS and social activities such as adopting nearby villages for creating awareness on various social issues, swatch Bharath implementation and also provided many technology oriented products for the village welfare. The student representatives from different departments also actively participate in the Sports committee, Events organizing committee, cultural committee, magazine committee etc. The college provides suitable provisions for developing technical skills, updating knowledge, Developing project ideas and converting them into practical products, personality development and service to the society through various Associations and Societies.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association is the major strength of the institution. The Alumni Association was formed in the year 2018 under the name "KIT Alumni Association with the Reg. No: 216/2018. The alumni meet is conducted regularly every year, where the alumni from different branches of the undergraduate and postgraduate programs share their views and give suggestions for the betterment of their junior students. The alumni meet is hosted by the alumni association of KIT. Such meetings are mutually beneficial for the Institution and the alumni. This provides an opportunity for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and insights to their juniors and can mold them with required skills. The alumni are invited by the institution to deliver Guest lectures and seminars for the students in their areas of expertise and motivate the young minds. The young entrepreneurs from the alumnus are invited to talk on their success stories at various occasions of the Institute. The alumni also help the final year students of the various streams of engineering and business administration to get their project placements and summer internship in their companies They also assist the students for placement in public and private sectors and the regular alumni association meetings.

5.4.2 – No. of registered Alumni:

380

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association is a registered body which has members with active participation in organising the Alumni meet by inviting all other alumni. The Association actively organises the regular meets for all the passed out

batches. The Alumni Meet for the year 2019 was conducted on 20th July 2020 through Online Google meet. Due to this pandemic condition, there was a delay in organizing the meet to follow the government rules it was conducted on the virtual platform. The Alumni President delivered his welcome address to the virtually gathered people. There were around 420 alumni enrolled and 200 have participated in the meet. In this Alumni Meet, Principal, Dr. N. Mohandas Gandhi, Vice Principal Dr. M. Ramesh, Director of Administration, Mr. K. M. Vasanth, Dean - Academics Dr. K. Ramaswamy, Heads of the departments and faculty members too graced the programme. The alumni meet concluded with the proposed activities for the forthcoming academic year. The activities include financial help to the students below creamy layer, infrastructure development, academic guidance, internship facilities, Placement recruitment and technical support. They were also particular to help students with entrepreneur interest by conducting entrepreneurship awareness camps.

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)

Vision: To shape the institution into a globally renowned Centre for education and research in Engineering and Technology. We aim to foster pragmatic, ingenious ideas that would help in the advancement of the individual and the society. **Mission:** To provide wisdom through educational and job oriented training specially targeting young minds pursuing engineering and technology programs there by making them intellectually bright, critically intense and creatively powerful. The institute has a well-defined organizational structure and administration committee implemented by the Principal with the help of Heads of the Department. KIT delegates authority and provides operational autonomy to various members and committees constituted for specific purposes, towards decentralized governance system various committees. Faculty members are represented in the Academic council and Board of studies as part of participative management. As part of decentralization, representatives of faculty, nonteaching staff and students participate in various Committees of the institution. The information pertaining to Academic Committees and Teaching learning process are mentioned hereunder to demonstrate decentralization and participative management of the Institution in the recent years. **Principal:** The Governing Body delegates all the academic and operational decisions based on policy to the various monitoring committees headed by the Principal in order to fulfill the vision and mission of the institute. **Faculty:** Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co curricular and extracurricular activities. They are given authority to conduct seminars/workshops/ conferences/conferences/FDP's. **Student:** Students are empowered to play an active role as coordinator of co curricular and extracurricular activities, social service group coordinator. For effective implementation and improvement of the institute, the following committees are formed • GOVERNING COUNCIL • ACADEMIC COUNCIL • THE BOARD OF STUDIES (BOS) • INTERNAL QUALITY ASSURANCE CELL (IQAC) • WOMEN EMPOWERMENT CELL • CENTER FOR INSTITUTE INDUSTRY INTERACTION (CIII) • ENTREPRENEURSHIP DEVELOPMENT CELL (EDC) • INSTITUTION INNOVATION COUNCIL (IIC) • KIT INCUBATION CENTRE

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 100 words each):

Strategy Type	Details
<p style="text-align: center;">Admission of Students</p>	<p>In our college, there is a standard and established procedure of admission of students to engineering courses. Students, after completing twelfth standard examinations, who aspire for an engineering study, are most welcome to our institution for their career prospects. Career counseling programmes are organized every year to create awareness among students and also motivate them to select the better course of their choice. The Admission Centre inside the College helps the parents to enquire information about the range of courses, eligibility criteria, and process of admission as well as academic support facilities.</p>
<p style="text-align: center;">Industry Interaction / Collaboration</p>	<p>Our institute has collaborated with various industries for the purpose of sharing collaborative research, consultancy, sharing industry experts, training, curriculum design and development, internship, in-plant training, industrial visits etc. The Centres of Excellence of the institution is supported by core, software and service oriented organizations for the betterment of student and faculty. More than 11 MoUs has been signed with industries and international organizations like Lincoln University College, Malaysia, Harvey Biomedical, Siemens Centre of Excellence in Manufacturing, NIT, Trichy, for various mutual developmental activities under industry-institute interaction. Experts from Industry are invited to provide students opportunities to interact. Field Projects/Industry visits are organized regularly in all the disciplines. The Research and Development team of our college is committed to excellence in the area of research.</p>
<p style="text-align: center;">Human Resource Management</p>	<p>The institution organizes various training programs for Faculty members, non-teaching staff and students for improving their technical skills and mental well-being. Workshop, refresher and orientation courses, FDPs are organized for faculty quality enhancement in teaching learning process. Our non-teaching staff members</p>

are also encouraged to undergo updating their skill sets so that they are well equipped to guide the students in their labs and for their own betterment. The newly recruited faculty members are educated through the training programme organized by the IQAC to provide exposure to the Institution regulation, methodology adopted for teaching and learning, procedure to evaluate the student performance, practices to ensure the quality in the academic activities, individual level to contribute in research, self improvement strategies and appraisal norms followed by the institution. The institution also encourages students in achieving their dream jobs and to go abroad for higher studies as well. Through Entrepreneur Development Cell (EDC), students are encouraged to develop entrepreneurship skills and to train students to open up new startups of our institution.

Library, ICT and Physical Infrastructure / Instrumentation

- Central library has an explicit reading room to refer text and reference books, video room with e-learning materials and online learning materials
- The faculty members and students are encouraged to associate themselves with the technical societies like ISTE, IEEE, CSI, IE (India), IETE, etc., to present their work in conferences and to publish in reputed National and International Journals.
- Energetically functioning Readers Club promotes and motivates reading Habit among students
- Exclusive Study Centre that houses the books encourages the reading habit of the students.
- E-library has journals like IEEE, DELNET, and ELSEVIER etc.
- The entire campus is connected through 60 mbps LAN and 24x7 Wi-Fi to have internet facility.

Research and Development

The management strongly supports in every opportunity to foster and strengthen Research Development activities. As a result of continuous and consorted efforts the following outcomes were arrived in terms of Research, Projects and Patents.

- In house Seed funding scheme is used to develop innovative ideas of students and faculties. Under in-house seed funding scheme, maximum financial support up to Rs. 70000 is given to faculties and students to develop

prototypes. • Encouraging faculty members for doing Ph.D with provisions like on-duty leave for research works. • Sponsoring staff and students for presentation/participation in national and international conferences, seminars. • Making available major e-journals for creating research ambience and facilitating research. • Emphasizing students to do project works that are extensions of previous research Publications in reputed journals. • Assistance for submitting research proposals to the funding agencies, Organizing seminars and colloquium lectures. • Efforts are being made to have collaborative research facilities in the college campus. • Laboratories have been set up for the faculty members and students who are encouraged to do their research activities. • The following infrastructure facilities are developed by collaborating with AICTE, National Instruments, Oracle Academy, Auto Desk, National Instruments, MATLAB, HP, ANSYS, NCDRC, LabVIEW, EMC2, CCNA, Ansys, Microsoft, and COINDIA to promote research.

Examination and Evaluation

The conferment of autonomy resulted in introducing reforms in the examination pattern and assessment systems. The institute switched over to Choice based credit system and the weightage for continuous internal Assessment (CIA) was revised from 20:80 to 40: 60. The pattern of question paper for continuous internal Assessment was revised incorporating Blooms Taxonomy levels. All these changes were made to place more emphasis on CIA.

Teaching and Learning

The college ensures effective teaching and learning through use of the latest available ICT. The college has well equipped labs and library. The digital library enables the students with wider learning experience. The institution's vision of offering high standard of technical education leads to academic excellence and professional ethics among the students during their course of study at the College. KIT regularly collects feedback from all the stake holders through various feedback mechanisms for future development. Involving and getting

	support from major stakeholders like industry personnel, Alumni lead to assess the need for further development or modification of the syllabi.
Curriculum Development	The institute was conferred with autonomous status by UGC in the year 2019 for a period of five years. The conferment of autonomy facilitates revision of syllabus and also helps to introduce new courses such as Life skills, Soft skills, Professional Ethics and Career Ability courses (CAC) in a structured manner. Periodic meetings were conducted with board of members for discussing and validating contents of the courses. The introduction of the courses and other co-curricular activities helped in improving the skill sets of the students, enhancing their placement opportunities and preparing them for higher studies.

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

E-governance area	Details
Examination	Examination Cell is headed by Controller of Examinations and is assisted by a Deputy Controller and Assistant Controllers of examinations. E-Nova examination Tool Software is in operation for pre-examination and post-examinations works. Automation process is in practice for the examination to avoid manual involvement to maintain more confidentiality. Internal marks of students are generated online using the online attendance marking system and online mark entry module. The hall tickets for End Semester Examinations are generated digitally and distributed to the students before the examinations. The question papers, set by the external examiners, are strictly scrutinized by external experts. The exams are conducted with strict Invigilation and monitored through CCTVs by the Controller of Examinations. The Valuation is done by external experts and results are published in online mode.
Administration	The College functions with E-governance system and does its best in using the latest tools of administration in hand. The college circulars are sent to the HoDs and faculty members through e-mail for easy and immediate access of information.

Using Smartphones with social apps, like Gmail, Google classroom and WhatsApp faculty share the notes to students, communicate information, placement news, answer queries etc. It helps to provide a brief notice and reminder of any event, and other important happenings through the college. The college campus is Wi-Fi enabled and CCTV Cameras are kept at every place of need.

Finance and Accounts

Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using e-governance mechanism with the help of TALLY. This helps keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes. The accounts of the Institution are audited annually by the Statutory Auditors duly appointed by the college.

Planning and Development

Planning and development are carried out in a systematic way by forming committees and frequently discussing the developmental activities of the institution. The strategic planning of departments, cells, clubs and associations are submitted to the Principal and IQAC and institutional level strategic plans are finalised. The Product Development Cell has come into existence and students and faculty members can now work round the clock as per their convenience, in order to bring out new innovative design and products. The entrepreneur development cell (EDC), which already exists in our college has been revamped to cater to the needs of the students and the industry as well. Students have been advised to take part in 'Hackathons' in large numbers.

Student Admission and Support

The Institution ensures transparency in the admission process through college website. The prospectus and application form are uploaded in the College website. For all the aspirants who seek admission, an online application registration portal is created for registration. Later the applications are ranked category wise electronically. Online admission facility is enabled for electronic Data

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.S.Velmurugan	FDP - Teaching learning pedagogy	PALS - IIT	1500
2019	A.Anu Priya	FDP on CS8691 -Artificial Intelligence	Sri Krishna College of Technology, Coimbatore	700
2019	C.Priyanka	FDP on CS8691 -Artificial Intelligence	Sri Krishna College of Technology, Coimbatore	700
2019	S.Deepa	STTP on Retuning Industrial Challenges using IOT and Deep Learning	Coimbatore Institute of Technology, Coimbatore	700
2019	Dr.R.Adaline Suji	STTP on Retuning Industrial Challenges using IOT and Deep Learning	Coimbatore Institute of Technology, Coimbatore	700

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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2020	Two days National level Aero modelling Workshop	Nil	24/01/2020	25/01/2020	8	Nil
2020	Induction Program on UAV systems	Nil	16/03/2020	16/03/2020	8	Nil

2020	One day Workshop on Future of Industrial IoT	Nil	17/05/2020	17/05/2020	16	Nil
2019	Hands on training in product development using IOT	Hands on training in product development using IOT	30/08/2019	31/08/2019	30	4
2019	One day Workshop on R Programming	Nil	09/09/2019	09/09/2019	25	Nil
2019	Student Solar Ambassador Workshop	Student Solar Ambassador Workshop	01/10/2019	01/10/2019	30	4
2019	Energy Efficient Techniques in 5G Wireless Communication Systems	Energy Efficient Techniques in 5G Wireless Communication Systems	28/11/2019	29/11/2020	30	4
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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
Heating, Ventilation and Air conditioning	4	16/09/2019	28/09/2019	13
FDP on Fundamentals of Electric Drives	3	07/09/2019	07/09/2019	1
FDP on DC Microgrid	1	07/09/2019	07/09/2019	1
CSIR Sponsored Two day National level Seminar on Innovations, Challenges, Opportunities and Policy Frameworks of Renewable	6	30/08/2019	31/08/2019	2

Energy System for the Future India				
Renewable energy system for future india	5	30/08/2019	31/08/2019	2
Hands on training in product development using IOT	10	30/08/2019	31/08/2019	2
FDP on Patent Drafting for Beginners	1	07/08/2019	07/08/2019	1
Awareness programme on Solar water pumping system	2	01/08/2019	29/08/2019	29
Harnessing outcome based Teaching-Learning Deliverables for Enhancement of Accountability in Comtemprrary Education - A Holistic Perspective	4	12/06/2019	25/06/2019	14
FDP on Control Engineering	1	07/10/2019	07/10/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
199	199	80	80

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical Insurance, Group Insurance Schemes, Accident insurance, Six months maternity leave for female faculty, Incentive for publications in Scopus and Web of Science Journals, Financial support to attend FDP,	ESI , Medical Insurance, Accident insurance, Group Insurance Schemes, Six months maternity leave for female faculty, Gift voucher for marriage ,Financial support to attend FDP, Workshop, National and	Fee waiver to students from financially weaker strata of society, Fee waiver for students who excel in sports, Cash awards to best projects, Student Clubs and Chapters, Career Guidance (IAS), Purified Drinking Water at Vantage points

Workshop, National and International Conferences, Yearly performance incentives and special incentives, Ph.D allowance for those who have completed their doctoral programme.

International Conference, Yearly performance incentives and special incentives, Subsidised transport facility.

of College, Gymnasium, 24 X 7 WiFi / Internet.

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 has a well-defined internal-external audit system. The institutional accounts are audited regularly by both Internal and statutory audits. Internal financial audit is done with the support of Account Section In charges under the supervision of Management Representatives and the external financial audit is done by the Institution Chartered Accountant annually for each financial year. Roles and responsibilities of people at various levels are well defined to ensure appropriate information flow and to facilitate effective monitoring of Income and Expenditure and the Capital Expenditure of the Institute. Thus the institution regularly follows the Internal and external financial audit system and submits the annual returns to Income tax authorities.

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
Management	10000	NCDRC lab license renewal
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6.4.3 – Total corpus fund generated

39694734.56

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	Yes	NAAC,NBA,ISO	Yes	PRINCIPAL, HODs, IQAC MEMBERS
Administrative	Yes	NAAC,NBA,ISO	Yes	MANAGEMENT, PRINCIPAL, HODs, IQAC MEMBERS

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

Every year parent-Teacher meetings are organized to discuss and communicate the academic performance of the students. Orientation programme is organized every year for the students admitted in First year B.E./B.Tech. Courses. Academic practices, rules and regulations of the institute are elaborated to both the parents and the students during the Orientation programme. Feedback from parents on the Quality of Teaching, Facilities and Services provided are sought to improve the teaching Learning Process.

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

Various technical training programs in the domain are arranged by departments for their technical support staff to improve their competency levels. Apart from technical training, general training is given on handling fire fighting equipment.

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

1. As per the directions of UGC and Anna University, Chennai, Board of Studies (BOS) is formed to frame Autonomous syllabus for every U.G./P.G. Programmes. 2. In the new curriculum, each subject syllabus is focused to develop innovation, skill, experiment and activity based learning among students. 3. Internship and Value added certification courses are made mandatory as a part of curriculum.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
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	Constitution of exam committee for CAT End semester exam, IQAC auditors for CAT audit, BoS standing committee constitution, Club Activities.	03/07/2019	03/07/2019	03/07/2019	81
2019	IQAC meeting - First year orientation programme, CIA Result analysis, NBA training session for Agri, Aero, BME and BT, EDC activities	01/08/2019	01/08/2019	01/08/2019	82
2019	Composition of IQAC members, Institution	04/09/2019	04/09/2019	04/09/2019	134

	Innovation Council (IIC) nomination, Research committee Constitution, CIA question paper audit, NBA internal audit				
2019	IQAC Answer script audit, Participation in ARIIA Ranking 2020, NBA - SAR preparation, Course file audit	01/10/2019	01/10/2019	01/10/2019	138
2020	Course plan, course material preparation, IQAC audit question bank and answer script, ISO audit	02/01/2020	02/01/2020	02/01/2020	330
2020	Course plan, course material preparation, Covid-19 - Action Plan, Online Classes, CIA -exam, End Semester Examination.	10/04/2020	10/04/2020	10/04/2020	242
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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
One day FDP	15/06/2020	15/06/2020	91	85

on Cyber Security(NCSSL)(3 Sessions)				
Three days training on Essentials of Java Programming	15/06/2020	17/06/2020	91	90
COVID19 Impact on the Automotive Industry - Exciting times ahead! One Day Webinar	18/06/2020	18/06/2020	91	163
Three days training on Getting Started with Web Development - JQuery	18/06/2020	20/06/2020	91	163
Role of Engineers in Industry	13/09/2019	13/09/2019	55	117
Power Quality Issues and Challenges in Industry	13/09/2019	13/09/2019	55	117
Student Solar Ambassadors Workshop -2019	02/10/2019	02/10/2019	29	19
Basic Electrical Trouble Shooting	03/10/2019	03/10/2019	21	42
Community Service Learning for Powering Villages using LED Lamp Assembly	14/10/2019	14/10/2019	21	42
Energy Conservation & Star Rating	15/05/2020	15/05/2020	55	125
SEMINAR ON ANDROID KOTLIN	19/09/2019	19/09/2019	24	19
WORKSHOP ON MONGO DB	20/09/2019	21/09/2019	21	15
WORKSHOP ON MACHINE LEARNING FOR INTELLIGENT	28/09/2019	28/09/2019	30	23

SYSTEMS				
Artificial Intelligence One Day Webinar	06/06/2020	06/06/2020	91	83
Full Stack Developer Course Started	06/08/2020	06/08/2020	15	10
Prepare to Embrace Remote Campus Recruitment Model One Day Webinar	06/10/2020	06/10/2020	85	60

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
Solar Power supply for Lamp posts inside the Campus and Solar water Heater for Girls and Boys Hostel - 28 power Saved

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	3
Ramp/Rails	Yes	1
Braille Software/facilities	Yes	1
Rest Rooms	Yes	3

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	1	1	01/07/2019	270	Career guidance Motivatin talk	Nil	13627
2019	1	1	25/05/2019	270	Career guidance Motivatin talk	Nil	719
2019	1	1	14/10/2019	1	Unnat Bharath Abhiyan	Nil	75
2020	1	1	22/02/2020	1	Unnat Bharath Abhiyan	Nil	55

2019	1	1	22/02/2020	1	Unnat Bharath Abhiyan	Community service learning for powering villages	45
2019	1	1	24/07/2019	1	Jal Sakthi Abhiyan	Awareness Rally on rain water harvesting	75
Nill	1	1	24/07/2019	1	Swatch Bharath Abhiyan	Importance of clean water	75
2019	1	1	19/09/2019	2	Swatch Bharath Pakhwara	Importance of clean environment	80
2020	1	1	24/01/2020	1	Awareness Rally	Importance of clean safe environment	60
2019	1	1	27/07/2019	1	Handloom Fashion Show	Improve the economy of weavers	75

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Professional Code of Conduct Handbook	01/08/2019	Students are generally following the code of conduct correctly and if any misconduct, students are advised through the mentor. If any violation, discipline committee do the enquiry and necessary actions will be taken. violations and anti-ragging enforcement. The students were also involved in community service that fosters integrity towards the intellectual and ethical environment of the institution.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Productivity Enhancement Programme for Faculties	04/03/2020	11/03/2020	50
Awareness program on Road Safety for Students	14/08/2019	Nil	400
AICTE Sponsored - Skill and Personality Development Programme for SC -ST Students	15/02/2020	26/02/2020	150
Career Guidance and Motivational Talks to School Staffs	25/05/2019	04/02/2020	719
JAI SHAKTHI ABIYAN	22/07/2019	Nil	5
SWACHH BHARATH ABIYAN	24/07/2019	Nil	1
ONE STUDENT ONE TREE-AICTE PROGRAMME	14/08/2019	Nil	63
SWACHH BHARATH PAKHWARA	18/11/2019	19/11/2019	5
NSS SPECIAL CAMP	27/01/2020	02/02/2020	Nil
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Waste Disposal Bins Drip Irrigation Planting of Tress Rain Water Harvesting
Fire safety Management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: ED Cell- To catalyze and promote student knowledge-based enterprises and to encourage employment opportunities in the innovative areas. Context Institution tie-up with small and medium sized enterprises and micro enterprises to get exposure of students in the field of Entrepreneurship. Practice In the college, Entrepreneurship Awareness Camps, Entrepreneurship Development Programmers, Faculty Development Programmers, Skill Development Programmers and NSS camp are organized for the benefit of Students as well as staff. Besides, it arranges programs for an interaction with the entrepreneurs as well to create a mentor ship scheme for the student entrepreneurs. The college acts as a Regional Information center on business opportunities, processes, technologies, market, etc., for creating and maintaining relevant data bases. Evidence of success • patents have been filed in various engineering field. • student entrepreneurs are created by the EDC incubator Cell. **Best Practice 2: Center for Innovation Outcomes-** A Center for Innovation has been setup in the campus. This nurtures multi-disciplinary research and takes initiatives in validating the research findings.

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

<https://kitcbe.com/assets/img/pdf/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

KIT-Kalaignarkarunanidhi Institute of Technology established in 2008 by Vijayalakshmi Palanisamy Charitable Trust, strives to make a mark in the field of engineering and technology globally and attained the status of Autonomy since 2019. To shape the institution into a globally renowned centre for education and research in engineering, technology and management. We aim to foster pragmatic, ingenious ideas that would help in the advancement of the individual and the society. To provide wisdom through educational and job oriented training specially targeting young minds pursuing engineering, technology and management programmes thereby making them intellectually bright, critically intense and creatively powerful. The classy library of KIT stands as a treasure house of knowledge consisting of 7376 titles and more than 21,522 volumes subscribing to various national and international journals. With its spacious reading halls and modern infrastructure, the library provides the right ambience for reading and research for the learners. The college has a world class infrastructure, spacious, state of the art, elegant and fully centralized air-conditioned auditorium with a seating capacity for 2500. The auditorium is facilitated with excellent acoustics and modern audiovisual facilities bringing functional sophistication to the events. The effective sound system lends a hand to grasp the valuable ideas of the speakers. The Centre of excellence provides ample opportunities for the students to comprehend the latest industry practice and upgrade their technical core knowledge through industrial relevant projects and competitive learning environment. To enrich the technical profile of the students various certificate courses are offered through Centre of Excellence.

Provide the weblink of the institution

https://kitcbe.com/igac/agar/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

1. To increase number of innovative projects and startups. 2. To enhance student placement with higher package in dream corporate. 3. To increase the number of collaborative research and consultancy with industries. 4. To increase the number of patent filing, publishing and grants etc. 5. To stabilize the faculty strength on par with the expectation of industry requirements. 6. To apply for NBA Accreditation for B.E Aeronautical Engineering and MBA Departments. 7. To Firm up collaborations to bridge the gap between academia and industry. 8. Intensive training for preparing students for competitive examinations. 9. To promote entrepreneurship and innovation through skill development. The Institute has developed "Entrepreneurship Development Cell" and planning for enhanced activities in this area.