

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Indra Ganesan College of Engineering

- Name of the Head of the institution : Dr.S. Bharathi Raja
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 0431-2906565
- Mobile no.: 8508688845
- Registered e-mail: igceprincipal@gmail.com
- Alternate e-mail: balakrishnan.g@gmail.com

Address :

Madurai Main Road (NH-45B),
Manikandam

- City/Town : Tiruchirappalli
- State/UT : Tamil Nadu
- Pin Code : 620012

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women: Co-Education
- Location: Rural/Semi-urban/Urban: Rural
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/Self-financing:

Self-financing

- Name of the Affiliating University: Anna University
 - Name of the IQAC Co-ordinator : Dr. N. Vaijyanthi
 - Phone no.: 9791756326
- Alternate phone no.
- Mobile: 8508688845
 - IQAC e-mail address: igceiqac@gmail.com
 - Alternate Email address: igcenaac2020@gmail.com

3. Website address: www.igceng.in

Web-link of the AQAR: (Previous Academic Year): Nil

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <https://www.igceng.com/naac-3/naac-home>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B+	2.70	2021	from: 23.02.2021 to: 23.02.2026

6. Date of Establishment of IQAC: DD/MM/YYYY: 31.07.2019

7. Internal Quality Assurance System

7.1 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
Establishment of IQAC – I Meeting	31.07.2019	25
Regular Meeting of IQAC – II Meeting	25.01.2020	25
Conducted Academic Administrative Audit	29.11.2019 & 30.11.2019	95
Conducted Academic Administrative Audit	23.07.2020 & 24.07.2020	98
Mock Internal Committee Visit- 1	02.11.2020	95

for NAAC		
Mock Internal Committee Visit- 2 for NAAC	14.01.2020	95
Mock Internal Committee Visit- 3 for NAAC	08.02.2020	95
Submission of SSR	14.02.2020	95
DVV Submission	06.06.2020	95
Establishment of NPTEL Local Chapter	11.03.2020	95
Release of IGSPLASH- Monthly Magazine	05.03.2020	95+616= 711
Feedback Collected from all the stake holders, analyzed and appropriate action was taken	17.09.2019 to 21.09.2019	616+95+84+52=847
Feedback Collected from all the stake holders, analyzed and appropriate action was taken	19.05.2020 to 23.05.2020	616+95+84+52=847
Webinar on “A Guide to NAAC for beginners”	19.05.2020	2000
Technology to School Students	21.01.2020 to 24.01.2020	300
Orientation Session on Swayam Online Courses	27.06.2020	84
Regular Conduct of Mentor Meeting	Every Friday between 4 to 5 PM	623

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	Students Research Projects	Tamil Nadu State Council for Science and Technology (TNSCST)	2019-20, 3 Months,	7,500
Institution	STTP	AICTE	2019-20, 15 days,	2,99,333
Institution	Seminar Grant	National Commission for Women, New Delhi	2019-20, 1 day	1,00,000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*Upload latest notification of formation of IQAC:

10. No. of IQAC meetings held during the year: 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No

If yes, mention the amount: Year:

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

- *Introduction of Anna University recognized Value-added courses in all departments
- * Effective implementation of mentor system and regular follow-up meeting
- * Staff self-appraisal format is revised to encourage faculty participation in all academic and research activities
- * Timely and Organized documentation of all events
- * Revised skill-based training during 4 to 5 pm daily

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

Plan of Action	Achievements/Outcomes
The Institution shall get recognition under UGC section 2(f) and 12 (b)	The Institution got recognition under UGC section 2(f)
The Institution shall get Permanent Affiliation during this year	Received Permanent Affiliation on 11.01.2020
To enhance e-learning methods	1.You tube channels are created for all the departments 2. Google class rooms for all the classes have been created
To create course material repository in the Institutional LMS	e-course materials for all the courses have been created and uploaded in the Institutional LMS
All departments have to apply for grants in AICTE, SERB and other agencies in a year	All departments have applied for the grants. Received two grants one from AICTE and the other from National Commission of Women, New Delhi
All departments have to conduct Anna University recognized Value Added Courses	The departments of CSE, IT,ECE, EEE and Mech got Value Added Course approval from Anna University and conducted successfully
To conduct Mega Campus Placements, Drive in this year	Mega Campus Drive was conducted on 22.02.2020. Placement percentage is improved
To improve the percentage of placement in this year	Conducted Placement Training effectively and hence placement percentage is improved from 57.8% in 2018-19 to 77.6% in 2019-20
To create awareness on Technology to School Students	Python Programming classes were conducted for school students from 21.01.2020to 24.01.2020

14. Whether the AQAR was placed before statutory body? Yes /No: **Yes**

Name of the Statutory body: Governing Council Date of meeting(s): 02.04.2021

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

Yes/No: **Yes**

Date: 11.02.2021 & 12.02.2021

16. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year:

Date of Submission:

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)

For MIS 'e-campus' ERP software is used. The list of modules included in this software is:

- The Institution maintains a management information system for academic and administrative activities using an ERP software called 'e-campus'. A separate module is available in the ERP to enter the students' details who come for admission enquiry. After admission through counselling or management, all the personal details of the students are entered in the ERP software. For HR management, Staff Personal details, staff attendance entry modules are available with Finger print biometrics for staff attendance.
- Teaching learning process is maintained with separate module for students attendance entry. At the end of every week, the consolidated attendance report is auto generated for further follow up. The students applying for medical leave and on duty leave are also updated in the attendance monitoring system of ERP. A separate module to prepare lesson plan is available. Question banks, Course materials can be uploaded in this module. Unit test, model exam question papers can also be uploaded. The ERP software has a separate timetable section in which the class time table, staff time table and the internal assessments schedule can be entered. After the examinations, the marks are entered in the marks entry section and if the student is absent for the exam, retest option is also available which can be activated for the eligible students.
- Modules to include Hostel details, transport details, Fees details, Account details, Admission details, Scholarship details are also available in this software.
- The Central Library of our institution is automated with MODERNLIB- Library management software. This software contains modules like Cataloguing, Transaction Counter, admin, auto search, resource reservation, user query details and acquisition and serial control. The software permits the administrator to insert, update and view the details such as book, member, author, subject, department, publisher/supplier, back volumes reports in the cataloguing module.

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

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

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

Indra Ganesan College of Engineering, Trichy is approved by All India Council of Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. The curriculum prescribed by Anna University is followed to impart subject knowledge to the students. Objectives and outcomes of the course are clearly made understood to the students before the commencement of every course to impart the importance of the course for their study.

The academic schedule for the entire year is well planned and made known to students and faculty members by issue of academic calendar for every semester. Academic calendar includes unit test schedule, model exams, and various events to be conducted in a semester like symposiums, College Day, Graduation Day, Engineers' Day.

In each semester, courses are allotted to teachers based on individual preference, experience, area of specialization and performance in previous years. Timetable for the entire semester is framed with provision for Value Added Courses, Library, seminar and Project. All the faculty members shall prepare and submit their course file in the beginning of the semester to the Head of the department. Course files includes syllabus, lesson plan, notes on lesson, question bank, Programme outcome, course outcome, programme objective and programme specific objectives. Question papers are prepared based on previous year University questions. Three Unit tests and two model examinations are conducted for theory courses and one model practical exam is conducted before the commencement of university examination. Answer scripts are valued, scrutinized by HOD and progress reports are dispatched to parents.

Based on their test performance, slow learners and quick learners are identified. Special coaching classes are conducted for slow learners to improve their performance in their subsequent exams and Co-Curricular Activities such as imparting communication skills, English proficiency, aptitude, interview practices, and certificate courses are conducted for the quick learners. Seminars for students are given for the better understanding of the course. Mentor system at the rate of 12 students per teacher is followed promote individual interaction with the students more effectively. Mentor-mentees meetings are conducted on every Friday last period. Teachers are allowed to attend faculty development programme, one per semester to strengthen their knowledge. Faculty members are advised to deliver lecture in the name "Seminars on innovations" in all the morning sessions on working Saturdays by all the departments.

Industrial visits to places like ISRO, Doordarshan Kendra, Hindustan Aeronautical Limited are arranged for the students apart from permitting to attend In-Plant Training and Industrial Internship.

Students' attendances are monitored through student's course record and eCampus ERP Software. Apart from this, weekly attendance status is prepared, and undertaking is obtained from students who secure less than 75%. Class committee meeting is conducted to monitor the progress of theory and laboratory courses in line with lesson plans. Apart from regular laboratory classes, practical demonstration on theory topics is also conducted to strength theory knowledge.

Remote access to online resources like e-Journals and e-Books is available to all students and teachers, apart from using DELNET available in our Digital library.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	Focus on employability / entrepreneurs hip	Skill development
Fundamentals of Structural Analysis	Nil	12.02.2020 & 30 hrs	Employability	Design and Construction
Building Information Modelling	Nil	22.07.2019 & 30 hrs	Employability	Design and Construction
Data Science	Nil	19.02.2020 & 30 hrs	Employability	Programming
Block Chain	Nil	06.08.2019 & 30 hrs	Employability	Programming
Programmable Logic Control	Nil	18.01.2020 & 30 hrs	Employability	Programming
Solar Panel Design and its Application	Nil	13.08.2019 & 30 hrs	Employability	Programming
IoT & Automation with Raspberry PI	Nil	28.01.2020 & 30 hrs	Employability	Programming
Hybrid Electric Vehicle Design and Analysis	Nil	17.02.2020 & 30 hrs	Employability	Design and Analysis
Additive Manufacturing	Nil	16.09.2019 & 30 hrs	Employability	Manufacturing
External Aerodynamics Simulations	Nil	05.08.2019 & 30 hrs	Employability	Simulation

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year (Pls Refer Excel file 1.2.1)

Programme with Code	Date of Introduction	Course with Code	Date of Introduction

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
BE	Civil Engineering	-	01.07.2019		
BE	Computer Science and Engineering		01.07.2019		
BE	Electronics and Electrical Engineering		01.07.2019		
BE	Electronics and Communication Engineering		01.07.2019		
BE	Mechanical Engineering		01.07.2019		
BTech	Information Technology		01.07.2019		
ME	-	Computer Science and Engineering	01.07.2019		
ME	-	Very Large Scale Integration Design	01.07.2019		
MBA	-	Business Administration	01.07.2019		
Already adopted (mention the year): 2017					

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year		
	Certificate	Diploma Courses
No of Students	443	-

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
Estimation and Current Practice in Civil Engineering	09.03.2020	38
Smart Structures	10.06.2019	38
PHP	25.05.2020	53
Augmented Reality and Virtual Reality	25.11.2019	46
Fuzzy logic system and its applications	04.01.2020	26
Printed circuit Board using PSPICE	08.12.2019	58
Internet of things	09.03.2020	34
PCB Designing	25.11.2019	19

PIC Microcontroller and ARM Processor	25.11.2019	20
External Aerodynamics Simulations	02.03.2020	26
Plant Design Management System	25.12.2019	37
Data Science using R and Python	16.12.2019	44
Machine Learning	09.03.2020	44
Online Business Management System	10.02.2020	20
Social Marketing	23.09.2019	35

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Civil Engineering	24
Computer Science and Engineering	95
Electronics and Electrical Engineering	63
Electronics and Communication Engineering	71
Mechanical Engineering	74
Information Technology	73
Computer Science and Engineering	3
Very Large Scale Integration Design	2
Business Administration	42

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

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

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
CIVIL	60	2	2
CSE	60	26	26
ECE	60	11	11
EEE	60	8	8
IT	60	21	21
MECH	60	13	13
MBA	60	30	30
M.E VLSI Design	18	0	0

M.E CSE	18	0	0
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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 full-time teachers available in the institution teaching only UG courses	Number of full-time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019-2020	544	79	86	12	3

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
95	95	Digital Library Wi-Fi Facility Internet Facility LCD Projectors Smart Board Smart TV Microphone and Speaker e-course materials Scanner, Printer	37	7	Google Class room- Online Teaching DELNET - e-learning resources NPTEL - Online Video Lecturers PPT - Power Point Presentation Youtube - Video Presentation NDL - National Digital Library MOOC - Online Value Added Courses Webinar - Latest Techniques in Engineering

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

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
623	95	1:7

2.4 Teacher Profile and Quality

2.4.1 Number of full-time teachers appointed during the year

Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
34	34	16

2.4.2 Honours and recognitions 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
2019-20	Dr. S. Bharathi Raja	Professor	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar; Awarding Agency- Moral Resource & Research Foundation
	Dr. N. Vaijyanthi	Professor	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar; Awarding Agency- Moral Resource & Research Foundation
	Mr. M. Kaliraj	Assistant Professor	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar; Awarding Agency- Moral

			Resource & Research Foundation
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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

Program me 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
				Refer excel 2.5.1

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

Our affiliating Anna University prescribes three Continuous Internal Assessment (CIA) tests in a semester. But, our College conducts five tests in a semester to give more practice to our students to face the University exams with confidence. Out of five tests, three tests are for 50 marks are conducted for I-Unit, II-Unit and IV-Unit and two tests for 100 marks are conducted as Model Exam for first three units and all five units. The faculty members handling the subjects set the question papers which are verified by a Senior Faculty member and HOD. Two or three random answer booklets are evaluated by the concerned HOD and constructive improvement tips are given to the students through the subject handling teacher. The University Exam Pattern for improving the presentation skill of our students are demonstrated in the class which includes, Do's and Don'ts in the exams, the time management strategies, the way of presenting the content in the paper. Keys for university question papers are prepared by the faculty members and the same is kept as reference in the library. The best answer booklets of both the Unit Test and the Model Exam are selected and circulated to the students in the class to motivate them for further improvement in their performance. In order to improve the analytical skills, logical thinking, Problem solving capabilities of the students, the HOTS questions are included in Part-C of the question paper. This makes the students to focus on today's challenging competitive career aspects.

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

In the beginning of a semester, academic calendar is prepared in discussion with all the HoDs. Reopening date of the semester, number of days allotted to complete a unit, workshops, seminars, guest lectures, Conferences, College annual day celebration, graduation day, faculty development programme, symposiums are preplanned in the meeting with HoDs and they are incorporated in the academic calendar. Considering the prefixed programme, exam date for Continuous Internal Evaluation(CIE) is fixed. The academic calendar is displayed on notice board and also available in website for the use of students and faculty members. Since sufficient space is given for all the activities, CIE tests are conducted without any disturbance to the students. Three unit tests and two model exam will be

normally conducted for CIE. The institution has centralized Exam cell to conduct CIE as per the schedule mentioned in the academic calendar. The exam cell coordinator of the institute prepares a common time table for all the departments for the smooth conduct of the exam well before the beginning of the CIE tests as per the academic calendar. The results of CIE tests are declared and informed to the students within the stipulated period of time. The faculty members prepared the lesson plan well in advance adhering to the academic calendar. The lesson plan will be submitted along with the course file before the beginning of the semester to the HoD for approval. Lab Manuals will be prepared/updated according to the curriculum before the commencement of every semester.

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://www.igceng.com/dept-14/department><https://www.igceng.com/dept-16/department>
<https://www.igceng.com/dept-15/department><https://www.igceng.com/dept-18/department>
<https://www.igceng.com/dept-17/department><https://www.igceng.com/dept-19/department>
<https://www.igceng.com/dept-20/department><https://www.igceng.com/dept-21/department>

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) (Pls refer to Annexure 2.7.2)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research Projects (Other than compulsory by the College)	3 Months	Tamil Nadu State Council for Science and Technology (TNSCST)	7,500	7,500
International Projects				
Any other (Specify)	15 days	1. All India Council for Technical	2,99,333	2,99,333

	1 day	Education (AICTE) (To conduct Short Term Training Programme) 2. National Commission for Women (To organize legal awareness program)	1,00,000	1,00,000
Total			4,06,833	4,06,833

3.2 Innovation Ecosystem		
3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year		
Title of Workshop/Seminar	Name of the Dept.	Date(s)
An Interactive Workshop on Intellectual Property Rights (IPR)	CIVIL, CSE, ECE, EEE, IT, MECH, MBA	07.09.2019
One Day Seminar on “A Legal Awareness Programme”	CIVIL, CSE, ECE, EEE, IT, MECH, MBA	07.01.2020
One day workshop on Advanced Techniques in Civil Engineering	CIVIL	26.08.2019
One day Workshop on Advanced Foundation Analysis	CIVIL	14.10.2019
Guest Lecture on Finite Element Analysis	CIVIL	17.07.2019
Guest Lecture on Innovation Techniques in Civil Engineering	CIVIL	09.12.2019
Guest Lecture on Municipal Solid Waste Management	CIVIL	27.12.2019
Workshop on Machine Learning	CSE	16.08.2019
Workshop on Android Technology	CSE	20.01.2020
Seminar on Computer Architecture	CSE	23.02.2020
Seminar on Data Warehousing Data Mining	CSE	29.02.2020
Seminar on Artificial Intelligence	CSE	13.03.2020
One day workshop on "Hidden Markov Models for speech recognition"	ECE	03.01.2020
Two Days Workshop on Design of Embedded Systems For Real Time Applications	EEE	20.09.2019 & 21.09.2019
Seminar on Electrical Maintenance Job Opportunities	EEE	10.11.2019
Seminar on PLC & SCADA	EEE	08.01.2020
One day Hands-on workshop on “Non-Destructive Testing”	MECH	30.08.2019
One day hands on “CNC-Programming”	MECH	06.01.2020
Seminar on Unconventional machines	MECH	05.01.2020
One Day Seminar on Internet of Things	IT	30.07.2019

One Day Workshop on Ethical Hacking with Cyber Security	IT	13.08.2019
One Days Seminar on Blockchain	IT	18.09.2019
One Day Workshop on Machine Learning Techniques	IT	27.01.2020
Workshop on Business Data Analysis	MBA	22.07.2019
Guest Lecture on Challenges of Indian Economic Development in Global perspective	MBA	18.09.2019
Guest Lecture on Trends in Supply Chain Management	MBA	12.02.2020
Seminar on Risk diversified Investment Avenues	MBA	19.02.2020

Dr. S. Bharathi Raja	Moral Resource & Research Foundation	06.03.2020	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar
Dr. N. Vaijyanthi	Moral Resource & Research Foundation	06.03.2020	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar
Mr. M. Kaliraj	Moral Resource & Research Foundation	06.03.2020	World Record Holder Award for Participating and Presenting a Paper in the Conference & Non-stop 220 hours Continuous Seminar
Mr.S. Vimalathithan	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
J.Jenifer	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
A. Ramya	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
T.Sugashini	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Dr.N.Vaijyanthi	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Ms.P.Sanathanaselvi	Indra Ganesan College of	05.03.2020	IG Research Award

	Engineering		
Mr.R.Ramesh Babu	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr.R.Manickam	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr.R.Ganesh	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr.R.JosephRaviselvan	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr.J.SebastinJoyal	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr.K.N.Prabhakar	Indra Ganesan College of Engineering	05.03.2020	IG Research Award
Mr. Vivekananda Chari	Indra Ganesan College of Engineering	05.03.2020	IG BOSS (Best Outing Super Student)

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

Incubation Centre	Name	Sponsored by
	Dr. Abdul Kalam Engineering Industries	

Name of the Start-up	Nature of Start-up	Date of commencement

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
		Dr. S. Bharathi Raja
		Dr. N. Vaijyanthi
		Prof. M. Kaliraj

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

Name of the Department	No. of Ph. Ds Awarded

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

	Department	No. of Publication	Average Impact Factor, if any
National			
International	CSE	03	1.22
	IT	03	3.09
	MECH	05	7.97

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

Department	No. of publication
CSE	6
ECE	5
EEE	4

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

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
A performance analysis of stereo matching	Dr.G. Balakrishnan	Electronic Government, an	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil

algorithms for stereo vision applications in smart environments		International Journal				
Thermal Image-Based Object Classification for Guiding the Visually Impaired	Dr.G. Balakrishnan	The Computer Journal	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil
Thermal image based object detection and identification on varying environmental conditions	Dr.G. Balakrishnan	Journal of Environmental Protection and Ecology	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil
Comprehensive analysis on aluminum in sand casting by using intelligent techniques	Dr.S.Bharathi Raja	International Journal of Rapid Manufacturing	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil
Maltitol based nano AL ₂ O ₃ PCM for solar thermal energy storage	Mr.R.Manickam	The International Journal of Creative Research Thoughts (IJCRT)	2020	Nil	Indra Ganesan College of Engineering	Nil
Investigation of mechanical behaviour of AL6061 T6-SiC B ₄ C metal matrix composites by using stir casting process	Mr.R.Ramesh Babu	The International Journal of Creative Research Thoughts (IJCRT)	2020	Nil	Indra Ganesan College of Engineering	Nil
Comparison analysis of severe plastic deformation with the cap and casting process	Mr.J.S. Veera Jagatheeshwaran	The International Journal of Creative Research Thoughts (IJCRT)	2020	Nil	Indra Ganesan College of Engineering	Nil
Analysis of composite	Mr.J.Sebastin Joyal	The International	2020	Nil	Indra Ganesan College of Engineering	Nil

material formed by sugarcane bagasse and epoxy resin		Journal of Creative Research Thoughts (JCRT)				
Thermal Image-Based Object Classification for Guiding the Visually Impaired	Mrs.V.Nancy	The Computer Journal	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil
Thermal image based object detection and identification on varying environmental conditions	Mrs.V.Nancy	Journal of Environmental Protection and Ecology	2020	Nil	Indra Ganesan College of Engineering, Trichy	Nil
Brain tumour classification using saliency driven nonlinear diffusion and deep learning with convolutional neural networks (CNN)	Mrs.K.Uthra Devi	Journal of Ambient Intelligence and Humanized Computing	2020	1	Indra Ganesan College of Engineering, Trichy	1

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Thermal Image-Based Object Classification for Guiding the	Dr.G. Balakrishnan	The Computer Journal	2020	14	-	Indra Ganesan College of Engineering, Trichy

Visually Impaired						
Comprehensive analysis on aluminum in sand casting by using intelligent techniques	Dr.S.Bharathi Raja	International Journal of Rapid Manufacturing	2020	12	-	Indra Ganesan College of Engineering, Trichy
Feature extraction based on empirical mode decomposition for automatic mass classification of mammogram images	Dr.N.Vaijayanthi	Elsevier-Medicine in Novel Technology and Devices	2019	3	7	Indra Ganesan College of Engineering, Trichy
Speech Recognition with improved support vector machine using dual classifiers and cross fitness validation	Dr.B.Kanisha	Personal and Ubiquitous Computing-Springer verlag London (Scopus)	2019	3	44	Indra Ganesan College of Engineering, Trichy
Brain tumour classification using saliency driven nonlinear diffusion and deep learning with convolutional neural networks (CNN)	Mrs.K.Uthra Devi	Journal of Ambient Intelligence and Humanized Computing	2020	1	1	Indra Ganesan College of Engineering, Trichy

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	46	33	26	20
Presented papers	12	10	11	03
Resource Persons	10	8	11	09

3.4 Extension Activities			
3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year			
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such	Number of students participated in such activities

		activities	
Dustbin Installation	NSS Club, IGCE, Tiruchirappalli	15	31
Tree Plantation Programme	NSS Club, IGCE, Tiruchirappalli	25	168
Yakkai -2019 (Siddha Exhibition)	Association with Department of Indian Medicine and Homeopathy, Government Medical College Hospital, Trichy	7	220
Yoga Training Programme for Students	Indra Ganesan Educational Charitable Trust	5	145
National Soil Day	NSS club, IGCE Tiruchirappalli	15	139
Sanitary Napkin Vending Machine Installation	Rotary Club of Tiruchirappalli	10	50
Food Distribution during Lock down due to Pandemic	Rotary Club of Tiruchirappalli	11	
Swach Bharath Programme	NSS Club, IGCE, Tiruchirappalli	5	220

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

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Dustbin Installation	Certificate of appreciation	NSS Club, Tiruchirappalli	31
Tree Plantation Programme	Certificate of appreciation	NSS Club, Tiruchirappalli	168
National Soil Day	Certificate of appreciation	NSS Club, Tiruchirappalli	139
Sanitary Napkin Vending Machine Installation	Certificate of appreciation	Rotary Club, Tiruchirappalli	50
Food Distribution during Lock down due to Pandemic	Certificate of organization	Rotary Club, Tiruchirappalli	
Swach Bharath Programme	Certificate of appreciation	NSS Club, Tiruchirappalli	220
Dustbin Installation	Certificate of appreciation	NSS Club, Tiruchirappalli	31
Tree Plantation Programme	Certificate of appreciation	NSS Club, Tiruchirappalli	168

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Campus Cleaning	Dustbin Installation	NSS Club, IGCE , Tiruchirappalli	15	31
Green Campus	Tree Plantation Programme	NSS Club, IGCE, Tiruchirappalli	25	168
Collaborative Activity	Yakkai -2019 (Siddha Exhibition)	Association with Department of Indian Medicine and Homeopathy, Government Medical College Hospital, Trichy	7	220
Health & Hygiene	Yoga Training Programme for Students	Indra Ganesan Educational Charitable Trust	5	145
Social Awareness	National Soil Day	NSS club, IGCE Tiruchirappalli	15	139
Health & Hygiene	Sanitary Napkin Vending Machine Installation	Rotary Club of Tiruchirappalli	10	50
Food Distribution Scheme	Food Distribution during Lock down due to Pandemic	Rotary Club of Tiruchirappalli	11	
Campus Cleaning	Swach Bharath Programme	NSS Club, IGCE, Tiruchirappalli	5	220

3.5 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Research (Design and fabrication of charcoal furnace)	Abinash P, Ganesapandy K, Santhosh K	Institution contribution	3 Months
Research (Design and analysis of mini electric Car)	Arun Pandian M R, Alaguraja M, Murugappan P, Rabin Singh X, Vishnu B, Vigneshwaran C, Dharmaseelan M, SubeekshiseethPrasana D	Institution contribution	6 Months
Research (Design and fabrication of motorized grass cutter)	Balasubramani K, Prasanth R, Praveen A,	Institution contribution	6 Months

	Ramesh.M, Tamilselvan T, Vikram S, Mahamuni R		
Research (Electrical Bike Combined with Solar Panel)	C.Devarajan, Karthick S, S.Mohanraj, R.Sankaralingam	Institution contribution	6 Months

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Internship	AutoCAD of Greenvalley Apartment	G - Construction , Trichy. C -6 JB Towers Karur Bye pass road, Chathiram Bus stand, Trichy-2.	18.12.2019 to 31.12.2019	1. K Danish Ahamed shared 2. A James Alphones Raj 3. V Iswarya 4. S Preetha
Industrial Visit	Site Visit	Aliyar Dam, Mattupatti Dam, Moonar.	25.07.2019 to 28.07.2019	III year & IV Year Students
Internship	Training in Machineries	Natrajan Engineering Works,Ariyamanagalam	09.03.2020 - 03.04.2020	S.Abdul Yasin
Internship	Training in Machineries	Sri Ezhumalai Engineering Works,Manapparai	10.02.2020 - 21.02.2020	R.Ajithkumar
Internship	Training in Machineries	RNC Metal works,Tutricorine	09.03.2020 - 03.04.2020	S.Anandha Kumar
Internship	Training in Machineries	Rane RBL,Kodunmbalur,Virali malai	10.02.2020 - 21.02.2020	M.Ananth
Internship	Training in Machineries	Rane RBL,Kodunmbalur,Virali malai	09.03.2020 - 03.04.2020	R.Chellaiah
Internship	Training in Automobile Workshop	Geetha Training in Automobile Workshops,Trichy	09.03.2020 - 03.04.2020	C.Devarajan
Internship	Training in Machineries	Natrajan Engineering Works,Ariyamanagalam	10.02.2020 - 21.02.2020	S.Dhamotharan
Internship	Training in Machineries	Bharath Training in Automobile Workshops, Thiruvarambur	10.02.2020 - 21.02.2020	A.Dhanussh
Internship	Training in Machineries	Kannan Mechanic Works,Trichy	09.03.2020 - 03.04.2020	C.Dharanidharan
Internship	Training in Machineries	Rane RBL,Kodunmbalur, Viralimalai	09.03.2020 - 03.04.2020	N.Dharman
Internship	Training in	Rane RBL,Kodunmbalur,	09.03.2020 -	M.Hariharasudhan

	Machineries	Viralimalai	03.04.2020	
Internship	Training in Machineries	Rane RBL,Kodunmbalur, Viralimalai	10.02.2020 - 21.02.2020	A.Jawagar
Internship	Training in Automobile Workshop	PL.A Mo-rs, Dheerannagar, Trichy	09.03.2020 - 03.04.2020	Karthick S
Internship	Training in Machineries	Arupuda Training in Automobile Workshops, Trichy	09.03.2020 - 03.04.2020	D.Madhan
Internship	Training in Automobile Workshop	PL.A Mo-rs, Dheerannagar, Trichy	10.02.2020 - 21.02.2020	M.Mohammed Faizal
Internship	Training in Machineries	MKN Engineering	09.03.2020 - 03.04.2020	S.Mohanraj
Internship	Training in Machineries	Ezhumalai Engineering Works, Manapparai	09.03.2020 - 03.04.2020	R.Munishwaran
Internship	Training in Automobile Workshop	Arupuda Training in Automobile Workshops, Trichy	09.03.2020 - 03.04.2020	P.Murugan
Internship	Training in Automobile Workshop	Bharath Training in Automobile Workshops, Thiruvarambur	10.02.2020 - 21.02.2020	P.Ponnar
Internship	Training in Automobile Workshop	Bharath Training in Automobile Workshops, Thiruvarambur	10.02.2020 - 21.02.2020	M.Prakash
Internship	Training in Machineries	Natrajan Engineering Works,Ariyamanagalam	09.03.2020 - 03.04.2020	M.Rajamuni
Internship	Training in Automobile Workshop	PL.A Mo-rs,Dheerannagar,Trichy	09.03.2020 - 03.04.2020	La.Ramanathan
Internship	Training in Machineries	Rane RBL,Kodunmbalur,Virali malai	09.12.2019 - 24.01.2020	G.Sairam
Internship	Training in Automobile Workshop	Geetha Training in Automobile Workshops, Trichy	09.12.2019 - 24.01.2020	R.Sankaralingam
Internship	Training in Automobile Workshop	Geetha Training in Automobile Workshops, Trichy	09.03.2020 - 03.04.2020	M.Selvakumar
Internship	Training in Automobile Workshop	Geetha Training in Automobile Workshops, Trichy	09.03.2020 - 03.04.2020	A.Shameer
Internship	Training in Machineries	Natrajan Engineering Works, Ariyamanagalam	09.12.2019 - 24.01.2020	D.Sivakumar
Internship	Training in Machineries	Vel Engineering Works, Kallakurichi	09.12.2019 - 24.01.2020	A.Sriram
Internship	Training in	Geimini Industry	09.12.2019 -	S.Thirumurugan

	Machineries	Viralimalai	24.01.2020	
Internship	Training in Machineries	Xavier Boiler Works, Thiruvarambur	09.12.2019 - 24.01.2020	A.Vengatesh
Internship	Training in Machineries	Adithiya Training in Automobile Workshops, Trichy	09.03.2020 - 03.04.2020	M.Venkatesh
Internship	Training in Machineries	Natrajan Engineering Works, Ariyamanagalam	09.12.2019 - 24.01.2020	P.Vinayagamoorthy
Internship	Training in Machineries	SUN Engineering Works	09.12.2019 - 24.01.2020	B.Vinothraja
Internship	Training in Machineries	Care-tech CNC, Viralimalai	09.03.2020 - 03.04.2020	D.Yugesh
Internship	Training in Machineries	SUN Engineering Works, Palakkarai	09.03.2020 - 03.04.2020	K.Arun
Internship	Training in Machineries	Care-tech CNC, Viralimalai	09.12.2019 - 24.01.2020	K.Santhosh Kumar
Internship	Training in Machineries	Sri Ezhumalai Engineering Works, Manapparai	09.03.2020 - 03.04.2020	R.Thirumoorthi
Project Work	Analysis of mechanical properties of AL7075 welded in various filler rod (AL4043,AL5352) by MIG welding	Harihar Alloys Private Limited	09.12.2019 - 07.06.2020	S.Abdul Yasin, M.Mohammed Faizal, D.Yugesh, K.Santhosh Kumar
Project Work	Solar powered wireless charger	Aadhavan Green Energy Solutions	09.12.2019 - 07.06.2020	R.Ajithkumar, K.Arun, B.Vinothraja, A.Vengatesh
Project Work	Investigation of cryogenic treated cobalt coated drill bit	Harihar Alloys Private Limited	09.12.2019 - 07.06.2020	S.Anandha Kumar, M.Selvakumar, A.Shameer, A.Sriram
Project Work	Analysis of mechanical properties of AL-ZN metal matrix composite by stir casting process	Harihar Alloys Private Limited	09.12.2019 - 07.06.2020	M.Ananth, M.Hariharasudhan, D.Madhan, P.Vinayagamoorthy
Project Work	Sorbitol based nano PCM for solar thermal energy storage system	Natural Energy Solution	09.12.2019 - 07.06.2020	R.Chellaiah, A.Jawagar, P.Murugan, S.Thirumurugan
Project Work	Electrical bike combined with solar panel	Aadhavan Green Energy Solutions	09.12.2019 - 07.06.2020	C.Devarajan, Karthick S, S.Mohanraj, R.Sankaralingam
Project Work	Optimization of	MM Forging Private	09.12.2019 -	S.Dhamoetharan,

	CNC cutting parameters using thaguchi method	Limited	07.06.2020	C.Dharanidharan, M.Prakash, D.Sivakumar
Project Work	Digital fuel level indicator using float sensor	JM Electronics	09.12.2019 - 07.06.2020	N.Dharman, P.Ponnar, G.Sairam, M.Venkatesh
Project Work	Analysis of mechanical properties of al-graphite metal matrix composite by stir casting process	Harihar Alloys Private Limited	09.12.2019 - 07.06.2020	R.Munishwaran, M.Rajamuni, L.Ramanathan, R.Thirumoorthi
Project Work	Experimental investigation of mechanical properties of baggasefiber with baggase powder composite material	MM Forging Private Limited	09.12.2019 - 07.06.2020	A.Dhanush
Internship	Web Designing	SS Soft Solutions, Thillai Nagar, Trichy	09.12.2019 - 11.12.2019	1. Geethanjali R 2. Sneka 3. Selvi 4. Shalini gayathri 5. Kaviyarasu 6. Sivaraman 7. Manoharan 8. Robinson 9. Iruthayaraj 10. Vijaya karan
On-the-job training (Entrepreneurship-cum-Skill Development Programme (E-SDP) under MSME Govt of India)	Web Designing and Digital marketing	Entrust Techno Services, Cantoment, Trichy	20.01.2020 - 29.02.2020	1. Anitha G 2. Mohamed Riyaj Khan M 3. Mukesh Kanna S 4. Santhiya K
Project	A Study on Grievance Redressal Mechanism With Special Reference To Apollo	Apollo Hospitals, Trichy.	13.01.2020-15.3.2020	Ajith Kumar.S

	Hospitals, Trichy.			
Project	A Study on Working Capital Management with special reference to Harihar Alloys(p) Ltd, Trichy.	Harihar Alloys(p) Ltd, Trichy.	13.01.2020-15.3.2020	Arunachalam.C
Project	A Study on Employees Safety, Welfare and health measures in TEXMOX Polymer Limited, Chennai.	TEXMOX Polymer Limited, Chennai.	13.01.2020-15.3.2020	Bharathipriya.R
Project	A Study on Working Capital Management with special reference to Rane Engine Valve Limited, Viralimalai.	Rane Engine Valve Limited, Viralimalai.	13.01.2020-15.3.2020	Chindralla.V
Project	A study on Customer's Opinion and Preferences towards TVS Motors Promotions with special reference to PLA Agency, Trichy	PLA Agency, Trichy	13.01.2020-15.3.2020	Dhanishka.R
Project	A Study on Employee Job Satisfaction with Sri Amman Steel & Allied industries, Trichy.	Sri Amman Steel & Allied industries, Trichy.	13.01.2020-15.3.2020	Dhanusuya.T
Project	A Study on Employees Perceived values on Enterprise Resources Planning at Minerva Software Technology, Chennai	Minerva Software Technology, Chennai	13.01.2020-15.3.2020	Ebin Raj

Project	A Study on Service Quality Standards and its Effective Implementation in Reliance Fresh, Trichy.	Reliance Fresh, Trichy.	13.01.2020-15.3.2020	Elakkiya.S
Project	A Study on Customer Preferences and satisfaction level towards their expectation with special reference to Pure and Pure Aqua foods, Trichy	Pure and Pure Aqua foods, Trichy	13.01.2020-15.3.2020	Jenfer.M
Project	A Study on Effectiveness of Employee Welfare Measures With Special Reference To CSC Mission Hospital, Trichy	CSC Mission Hospital, Trichy	13.01.2020-15.3.2020	Jessie Jenifer.E
Project	A Study on Employees Ability on Stress Management with reference to Meenakshi Hospital, Tanjore	Meenakshi Hospital, Tanjore	13.01.2020-15.3.2020	Jothika.R
Project	A Study on Customer Expectation and Satisfaction towards after Sales Service at Chellam Motors, Trichy.	Chellam Motors, Trichy.	13.01.2020-15.3.2020	Juliana Mary.S
Project	A Study on the Quality of Work Life of Nurses in G.V.N Hospital, Trichy	G.V.N Hospital, Trichy	13.01.2020-15.3.2020	Karpagam.S
Project	A Study on Effectiveness of Training of	Hatsun Milk, Manapparai.	13.01.2020-15.3.2020	Karunanidhi.P

	Employees With Special Reference Hatsun Milk, Manapparai.			
Project	A Study on Employees Engagement Practices at SRF Limited, Viralimalai.	SRF Limited, Viralimalai.	13.01.2020-15.3.2020	Kiruthiga.S
Project	A Study on Employees Work Life Balance at Elevation Windows, Trichy.	Elevation Windows, Trichy.	13.01.2020-15.3.2020	Kumaresan.G
Project	A Study on Employer and EmployeeS Relationship with reference to Tamil Nadu Newsprint and Papers Limited, Karur.	Tamil Nadu Newsprint and Papers Limited, Karur.	13.01.2020-15.3.2020	Manivel.M
Project	A Study on Customer Satisfaction with Special reference to Reliance super Market Trichy.	Reliance super Market Trichy.	13.01.2020-15.3.2020	Murugan.N
Project	A Study on Brand Equity of Anil Foods Products in Chennai.	Anil Foods Products in Chennai.	13.01.2020-15.3.2020	Muthu Krishnan.V
Project	A Study on Employees Stress Management Systems in Sarada Motors, Pudukkottai.	Sarada Motors, Pudukkottai.	13.01.2020-15.3.2020	Neelambari.L
Project	A study on Leadership Performance and it's Impact on Organizational development with Special Reference to SRF Limited,	SRF Limited, Viralimalai.	13.01.2020-15.3.2020	Pushpanjali.B

	Viralimalai.			
Project	A Study on Employees Welfare Measures at Chettinadu Logistics Private Limited, Trichy.	Chettinadu Logistics Private Limited, Trichy.	13.01.2020-15.3.2020	Rajeshwari.R
Project	A study on Effectiveness of Employees Welfare Measures with reference to Bharath Sanchar Nigam Limited, Trichy	Bharath Sanchar Nigam Limited, Trichy	13.01.2020-15.3.2020	Ranjitha.A
Project	A Study on Employees motivation factors at Toolfab Engineering Industries, Trichy	Toolfab Engineering Industries, Trichy	13.01.2020-15.3.2020	Renuka.M
Project	A Study on Employees Absenteeism and its impacts on their Performance in SF Mattress Manufactures Limited Madurai.	SF Mattress Manufactures Limited Madurai.	13.01.2020-15.3.2020	SadamHusen.H
Project	A Study on Employees Welfare Measures with reference to Shri Amman Steel and ALLied Industries Pvt Ltd, Trichy	Shri Amman Steel and ALLied Industries Pvt Ltd, Trichy	13.01.2020-15.3.2020	Sangavi.K
Project	A Study on Customer Satisfaction towards Bajaj Bikes Reference to Krishna Bajaj Auto, Trichy.	Krishna Bajaj Auto, Trichy.	13.01.2020-15.3.2020	Sathish.S
Project	A Study on Employees Welfare Measures	Bescal Steel Industry, Chennai.	13.01.2020-15.3.2020	Shobana.A

	in Bescal Steel Industry, Chennai.			
Project	A Study on Influence of Employees Retention factors on Career Sustainability in Joseph Eye Hospital, Trichy.	Joseph Eye Hospital, Trichy.	13.01.2020-15.3.2020	ShophiaEscreder.G
Project	An Analysis on Effectiveness of Training Practices With Special Reference To TVS Tyres Private Limited, Pudukottai.	TVS Tyres Private Limited, Pudukottai.	13.01.2020-15.3.2020	Suba.P
Project	A study on Effectiveness of Motivation on Employee Performance Special reference to VST Motors Pvt Ltd, Trichy.	VST Motors Pvt Ltd, Trichy.	13.01.2020-15.3.2020	Subalakshmi.M
Project	A Study on Employees Job Satisfaction reference to Cholan Tour Private Limited, Trichy	Cholan Tour Private Limited, Trichy	13.01.2020-15.3.2020	Sujitha.J.C
Project	A Study on Occupational stress and its Impact on Employees Performance with Special Reference to Axis Bank Limited, Trichy.	Axis Bank Limited, Trichy.	13.01.2020-15.3.2020	SundharR.K
Project	A Study on Effectiveness of Insurance Policy Mechanism Adopted in Arjuna	Arjuna Cars Private Limited, Trichy	13.01.2020-15.3.2020	Surya. K

	Cars Private Limited,Trichy			
Project	A Study on Employees Job Satisfaction at PLA Motors, Trichy.	PLA Motors, Trichy	13.01.2020-15.3.2020	YosiyaSahayarani. A
Project	A Study on Employee Empowerment and Effectiveness at Rane TRW Steering System Pvt Ltd, Trichy.	Rane TRW Steering System Pvt Ltd, Trichy.	13.01.2020-15.3.2020	Sakthivel.P
Internship	Artificial Intelligence	Fantasy Solution, Trichy	09-12-2019 to 21-12-2019	Aarthi J Deepika N Dhanalakshmi R Jaya Pratha A Kamatchi V Lakshmi Priya M Princy Deepa X Seebika M Swathi M Vasuki M
Internship	Data Science	Flink Technologies, Kumbakkonam	02-12-2019 to 14-12-2019	Gowtham Raaj K Jickson S Naveen R Panmeer Selvam R Raghul L Yokesh Kannan P H
Internship	Internet of Things	SS Soft Solutions	01-12-2019 to 15-12-2019	Aishwarya M Aravindh Samy P Nivedha S Priyanga G Kiruthiga V
	Web Designing	SS Soft Solutions	05-12-2019 to 07-12-2019	Ajith Kumar R Dharshini A Hema Latha B Jegathiswari D Joshi Dayana K

Internship				Neethimozhi A Nithya P Ramya R Shalini P Sheela.S Sugasini.G Vigna Sri S Vijaya Dharani K Vinothini S Sivasangari C
Internship	Data Science	Flink Technologies, Kumbakkonam	09-12-2019 to 13- 12-2019	Arjun V Dinesh Kumar K Gowtham K Hariharan N Kanagaraj K S Madhavan S Mahendran S Muthaiya P SharveshCharan.S.A Sathasivam P Sudhakaran C
On-the-job training (Entrepreneurshi p-cum- Skill Development Programme (E- SDP) under MSME Govt of India)	Web Designing and Digital marketing	Entrust Techno Services, Cantoment, Trichy	20.01.2020 - 29.02.2020	Goathar Fathima S Kokila V Salma Banu M Sivasankari S
Project	A Secured and Self-Authorized Online Transaction	CAPS Institute	20.01.2020 to 07.03.2020	Gobala Krishnan R Kirubakaran M Tharik A
Project	A Predictive Model For Depression Detection And Monitoring In Social Using Neural Network	Flink Technologies	20.01.2020 to 07.03.2020	Dhivya B Pavithra G Revathi N
Project	ATM Pin Resistant over Security Breaches	Extasy Software Solutions.	20.01.2020 to 07.03.2020	Karthikeyan J NerosonKinsus N SharunPrabu A
	Autonomous	Sybrit Solution	20.01.2020 to	Banumathi D

Project	Navigation Of Vacuum Cleaner In Rectilinear Environment		07.03.2020	Jothika R Kiruthika R
Project	Detection Of Unethical Activities In Ambulance	Flink Technologies	20.01.2020 to 07.03.2020	KeerthanaP(490725) Meenakshi S Vijayalakshmi M
Project	IOT Based Waste Collection Monitoring System For Smart Cities	Flink Technologies	20.01.2020 to 07.03.2020	Vinitha M Vinitha Devi P Yuvasri T
Project	Money Recognize And Fake Currency Detection For Visually Impaired Peoples	Fantasy Solution	20.01.2020 to 07.03.2020	Pavithra.R Racika R Saranya M
Project	A Smart Navigation system for Visually Impaired using Artificial Neural Network	Extazee Software Solution	20.01.2020 to 07.03.2020	Prabahar R Saravanan M Yogeshwaran S
Project	An Efficient Emotional Recognition System Using EEG Signals	Nascent Groups	20.01.2020 to 07.03.2020	Naveen K Naveenkumar S Rahul S
Project	An Automatic Service Assistance for Vehicle Interruption	Kavin Tech Solutions	20.01.2020 to 07.03.2020	Aparna S Bakkiya V Keerthana K
Project	Forest Fire Detection Using Machine Learning	Galwin Technologies	20.01.2020 to 07.03.2020	Saranya A Soundharya J Vijayalakshmi P
Project	Public Service Complaint Management System	IIHT	20.01.2020 to 07.03.2020	Ganeshkumar A Gunasekar P Tamilselvam M
Project	Implementation of Block Chain Energy Meter	Fantasy Solution	20.01.2020 to 07.03.2020	Anjaladevi J Archana T Divya R
	Learner style	Exatazee Software	Sep to March	Aswini. M

Project	prediction with Adaptive Learning Mechanism	Solution		
Project	Non Chaos based Image Security Using XOR Algorithm	Exatazee Software Solution	Sep to March	Gwendolyn Rosetta.G
Project	Multi Level Authentication with Secure Voting System	Exatazee Software Solution	Sep to March	Nirmala.N
Internship	Machine Learning	Kaashiv infotech	16.09.2019 to 20.09.2019	1.Aishwariya S 2.Aneesha A 3.Janani C 4.Deepika B 5.Kosiananth R 6.Mekala Devi S 7.Pandimeena R
Internship	Mobile Communication	BSNL , Trichy.	15.10.2019	1.Karthick K 2.Durga D
Internship	Internet of Things	GALWIN TECHNOLOGIES , Trichy	15.01.2020 to 18.01.2020	1.Gangadevi M 2.Lakshmi M 3.Shalini M
Internship	Machine Learning	Tech Solutions , Trichy	19.08.2019 to 24.08.2019	Manikandan M Riyas Mohammed K
Internship	Computer Hardware Servicing and Networking	Entrust Techno Services, Trichy	10.02.2020 to 15.02.2020	1.Preethi V 2.Sarumathi A
Internship	Cyber Security	Kaashiv Infotech	08.10.2019 to 14.10.2019	Abinaya R Akila K Arthi M Azhagu Meena M Devi K Dhanalakshmi S Hari Krishnan S Janani V Jenifer C Jenifer S Kesavamurthi M Kiruthika S Maria Francis D Ragavi A Ruthramoorthy M Sabarinathan K Sumathi Thivya Priya R

Project Work	Smart system for automation in crop protection	DVK Academy	27.12.2019 to 13.03.2020	Abarna T Menaka R Prema S
Project Work	Design and fabrication of weighing wave bridge with overload detector	Galwin Technology	29.12.2019 to 15.03.2020	Ashefa N Pavithra P Swathi S
Project Work	Reversible data hiding in encrypted images based on most significant bit prediction	Hitakey Infosys	31.12.2019 to 16.03.2020	Femina Begam A Gayathri J
Project Work	Emergency based vehicle communication for ambulance transmission	Extenzee Solutions Pvt Ltd	03.01.2020 to 17.03.2020	Mohan Raj S Raahul BN Ruban Raj S Saravanan S
Project Work	Drowsiness detection system based on artificial intelligence	Galwin Technology	27.12.2019 to 13.03.2020	Keerthika D Pavithra V Ramya S
Project Work	Smart parking management system using node MCU and RFID technology	Extenzee Solutions Pvt Ltd	27.12.2019 to 13.03.2020	Prabhu A Shanakya.P Sudharsan K Vettai
Project Work	Automatic license provider system	Galwin Technology	10.01.2020 to 20.03.2020	Amsavalli S Anushya S ArockiaNivetha S
Project Work	A survey on detecting heart disease using data mining techniques	Hitakey Infosys	27.12.2019 to 13.03.2020	Dhanalakshmi T Mithra P Nilavar Nisha F
Project Work	Voice controlled intelligent fire extinguishing robot	DVK Academy	07.01.2020 to 19.03.2020	Keerthana P Preetha M Suvathi R
Project Work	Smart nano satellite using Bluetooth and mobile phone	DVK Academy	27.12.2019 to 13.03.2020	Keerthana S Lathasri S Udaya Rani K
Project Work	Breast cancer detection using image processing techniques	Hitakey Infosys	04.01.2020 to 18.03.2020	Saranya M Sorna J

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
SASTRA Deemed to be University (under MARGDARSHAN SCHEME)	15.09.2019	Faculty Development Programmes, Guest Lectures, Workshop, Orientation towards NBA Accreditation	TEACHERS-2
Siemens Centre of Excellence in Manufacturing (NIT - Trichy)	09.12.2019	Skill Development Courses, Internship, Funded and Consultancy proposals, Workshop/Symposium/ Conferences	50/2
Kalam Construction, Tanjore	08.05.2019	Internship , Site Work	20
Flink Technologies	10.06.2020	Value Added Course and Workshop	95
GalwinTechnolgies	16.09.2019	Workshop activities, project works	40
Pantech Solution	17.02.2020	Internship	40
Novi technology- coimbatore	12.06.2019	work shop, project works	27
Sri Amman Steel & Allied industries, Trichy.	12.03.2019	Project work and Seminars	38
Rane Engine Valve Private Limited, Kodumbalur, Viralimalai	09.12.2019	Workshop	80
CADD Centre, Trichy	23.01.2020	Workshop, Value Added Courses	106
Blue Fire Xperts Infotech OPC Pvt Ltd, Trichy	14.10.2019	Workshop, Seminar	35

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
2,50,000.00	2,12,347.82

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	Existing	
Class rooms	Newly added	
Laboratories	Newly added	

Seminar Halls	Existing	
Classrooms with LCD facilities	Existing	
Classrooms with Wi-Fi/ LAN	Existing	
Seminar halls with ICT facilities	Existing	
Video Centre	Existing	
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	Newly added	
Value of the equipment purchased during the year (Rs. in Lakhs)	Newly added	
Others		

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)	Version	Year of automation
MODERNLIB	Fully		

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	9,575	28,792	300	2200	9875	30992
Reference Books	-	-	-	-	-	-
e-Books	3,425		25			3450
Journals	54		54			58
e-Journals	724(Del net)					
Digital Database	-	-	-	-	-	-
CD & Video	1,054		190			1144
Library automation	-	-	-	-	-	-
Weeding (Hard & Soft)						
Others (specify)						

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	471	11	50 MBPS	1	1	1	9	50 MBPS	0
Added	0	0	0	0	0	0	0	0	0
Total	471	471	50 MBPS	1	1	1	9	50 MBPS	0

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)
50 MBPS /GBPSMBPS /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
MEDIA CENTRE FACILITY	https://www.youtube.com/watch?v=Hh5ijsn3hVU
	https://www.youtube.com/watch?v=7JwUyZk6vrE
	https://www.youtube.com/watch?v=gfnu3FtmbUA
	https://www.youtube.com/watch?v=LcOrj7oCl9g
	https://www.youtube.com/watch?v=Jt_eDeukdFY
	https://www.youtube.com/watch?v=yOkb12rpKrQ
	https://www.youtube.com/watch?v=eNcna_I4Sgo
	https://www.youtube.com/watch?v=WOSIDk3A_LI
	https://www.youtube.com/watch?v=Ln9vHYgv7DM

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
9,50,000.00	9,05,770.55	6,50,000	6,14,609.76
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)			
<p>Institution has a separate team to maintain the physical facilities - laboratory, library, sports complex, computers, classrooms etc.</p> <p>Physical facilities:</p> <p>The maintenance team comprises of the Estate officer. Supervisor, Electrician and his team to take care of the regular maintenance of civil works and electrical works such as repairing, wiring, plaster</p>			

works, painting, carpentry, plumbing, housekeeping, maintenance of restrooms, approach roads and neatness of the entire premises. Complaint and service registers are maintained for all the above facilities. Transport officer takes care of the maintenance of buses in the institution.

Laboratories:

The Institution has well established laboratories for all the departments. All the departments maintain service register and maintenance registers for laboratory purpose. Every department maintains a stock register of the equipments available. At the end of every academic year, interdepartmental stock verification is done by senior faculty members and the report is submitted to the Principal. The cleanliness of the laboratories and the equipments are maintained by the Technical Assistants and the respective lab in charges.

Computers

The Computers are maintained by Technical Assistants, System Administrator and Lab in charges. The softwares installed in various places such as office, laboratories, library, departments maintained by the Institution System Administrator. To protect the computers from malware and virus, anti-virus software is regularly updated throughout the campus.

Library

The status of the books in the library whether available or in issue can be checked through automated library management system. The book issuing records, gate entry of the students and faculty are maintained separately. Accession register is maintained for the available books. At the end of every semester, the Librarian ensures that all the books are returned by the students and faculty.

Sports Complex/ Activities

The play field is maintained by the Physical Director and his team throughout the year. The play field equipment like post, umpire stand, scoreboard are also maintained regularly. The labourers are employed to keep the play field clean and in good condition during the tournaments and sports day celebrations.

Power Supply and Electrical Maintenance

Power supply is maintained by the Electrician of the Institution through systematic maintenance and repair. A generator (125 KVA) is installed in the campus to handle the occasional power shut down. The UPS kept in the laboratories are maintained by the electrician frequently. The institution also has RO water plant to provide clean drinking water to all. The water plant is maintained regularly through the Annual Maintenance Contract with the supplier.

Garden Maintenance

Tree plantation and garden maintenance are done by the gardener appointed by the institute. Many domestic organic plants and vegetables are grown inside the campus. These plants and vegetables are used for cooking food in the Hostel Mess for boys and girls. Regular activities such as campus cleaning, tree plantation are conducted under social activities club like NSS, YRC to maintain the campus clean and green.

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	Educational Scholarship	187	40,07,500
Financial support from other sources			
a) National	1.SC/ST Scholarship	174	99,60,000
	2.BC/MBC Scholarship	36	1,79,025
	3.First Graduate Scholarship	297	68,10,000
b) International			

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 implementation	Number of students enrolled	Agencies involved
Guidance for Competitive examination	05.02.2020	237	Mr. Nagaraj, Gate Forum, Trichy
Soft Skill Development	17.08.2019	237	Mr T. Vengatesan Fifth Wheel Drive 25, NachiyarKoilSannathi Street, Woraiyur, trichirappalli, tamilnadu 620017
Remedial Coaching	In the midst of University Examination of every semester for slow learners	266	Faculty members of IGCE (ECE,CSE,IT,EEE,CIVIL,MECH
Language Lab	For all II & III year students during their course	311	Department of English, IGCE

Bridge Course	For I year during Aug-Sep	82	Faculty members of IGCE (ECE,CSE,IT,EEE,CIVIL,MECH)
Yoga& Meditation	24-01-2020	82	Mrs.S.Selvarani, VazhgaValamudan Yoga Centre, 227, Athamirani street Theeran managar,Trichy12
Personal Counselling	18.07.2019	646	1. Dr. G. Kiruba , Principal , Indra Ganesan College of Nursing, Trichy, 2. Faculty members of IGCE
Career Counselling	15.09.2019	237	Faculty members of IGCE (ECE,CSE,IT,EEE,CIVIL,MECH)

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2020	Guidance for Competitive Exams	143	143	04 (1 Gate+3 PG+5 Civil students have attended competitive exams)	146

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	No. of grievances redressed	Average number of days for grievance redressal
2	2	10

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	Name of Organizations Visited	Number of Students Participated	Number of Students Placed

		Placed			
Creative Academy,Trichy	242	17	Syrma Technology,Chennai	76	17
Indo Shell Mould Ltd, Coimbatore	48	8	Infosys	26	1
KarvyDigikonn ect, Trichy	76	5	Airport Authority Of India, Trichy.	42	1
Sri Saipums and Energy system pvt ltd, Trichy	75	26	Just Dial,Chennai	76	1
Kotak Life Insurance, Coimbatore	42	6	Sutherland, Chennai	105	3
ISC Global Solutions Pvt Ltd	76	10	Institute of Language Management Pvt Ltd,Bangalore	132	12
SreeJayanathan Chits (P) Ltd, Trichy	42	5			
Emphasis Ltd, Bangalore	42	5			
Sanva Tech, Chennai	132	6			
Entrust Techno Services Pvt Ltd	43	1			
Thiranz Tech Solution,Trichy	76	4			
Vdart Technologies, Trichy	242	12			
Optimista Training & Development, Chennai	27	10			
Federal Mogul Motors Parts	68	5			
Bharathi Industries, Coimbatore	60	2			
Schneider Electric India (P) Ltd, Chennai	60	13			
Foxconn Hanon Technology India Pvt Ltd,	242	39			

Chennai					
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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
2020	1	B.E.,	Civil Engineering	SBM College of Engineering, Dindugal	M.E., Structural Engineering
2020	2	B.Tech.,	Information Technology	Indra Ganesan College of Engineering, Trichy	M.E., CSE

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	No. of Students selected/qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE	01	EE20S57344010
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

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

Activity	Level	Participants
Volleyball	Zonal	Dhanisha.S Keerthika. Rubini.K Jeyapriya.D Ramya.S Anusiya.S Anju.S Saranya.K Anita.V Prisillapriyanga.V
Cricket	Zonal	Augustin Raj.J

		<p>Vignesh.K Madhialagan.E Syed Jamirdeen.S Hariharan.D Hariharan.M Navinkumar.R Sathishkumar.S Arunprasadh.R Navaneedhakirishnan.K Akash.S Mahendran.M Akash.J Musarafalli.S Prabhu.J.J</p>
<i>Kabbadi</i>	<i>Zonal</i>	<p>Vasudevan.A Kiruthikeyan.P Thirumurugan.S Karthick.S Vinayagamoorthi.P Renishbarathi.S Ajithkumar.M Robin sing.X Ganeshpandi.K Naveenkumar.D Siriya selva Yugash.D</p>
<i>Football</i>	<i>Zonal</i>	<p>Dhanush.S Gopalakrishnan.R Gunasekar.P Kirubahakaran.M Naveen.K NerosonKiosus.N Tamilselvam.M Vigneshwarachari.S Yogeshwaran.S Gowtham.K Yogeshkannan.P.H Shanmuganadhan.p Sadhasivam.P</p>
<i>Tennikoit</i>	<i>Zonal</i>	<p>Aishwarya.P Gayathri.A Monika.M Thamaraiselvi.K</p>
<i>Throwball</i>	<i>Zonal</i>	<p>Thanisha.S Muthulakshmi.P Rubini.K Jeyapriya.D Sandhiya.K Janani.S Kayalvizhi.B</p>

		Suganya.K Keerthika.R Deepa.T Shalini Gayathri.S Dharshini.K
100 Mts	Zonal	Prabakaran Mahendran.M Vinoth.R
200 Mts.	Zonal	Nagarajan.K Praveenkumar.M Harikaran.B
400 Mts.	Zonal	Augustin.J Muneeshwaran Gunaseelan.D
800 Mts.	Zonal	Vasudevan.A Mahendran.M Sudhakaran.C
1500 Mts.	Zonal	Vasudevan.A Arunprasath.R Ajithkumar.
Shotput	Zonal	Dharmaseelan.M Arunprasath.R Ajithkumar.M
Javelin	Zonal	Vignesh.K Dharmaseelan.M Arunprasath.R
4 * 100 relay	Zonal	Praveenkumar.M Vinoth.R Harikaraan.B Rishon guru.M Augustin Raj.J Mahendran.M Syed Jamirdeen.S Arun Prasath.R Vasudevan.A Renishbharathi Nagarajan Vasudevan.A Ajithkumar.M Thirumurugan Muneeshwaran Vinoth.R Praveenkumar.M Rison guru.M Gunaseelan.D Prabakaran.R Dhanush.S Vigneshwarachari.S Sudhakaran.C
IGNITE'20	Intra College	

<i>Pongal Celebration</i>	<i>Intra College</i>	
<i>Independence Day Celebration</i>	<i>Intra College</i>	
<i>Republic Day Celebration</i>	<i>Intra College</i>	
<i>Engineer's Day Celebration</i>	<i>Intra College</i>	
<i>Women's Day Celebration</i>	<i>Intra College</i>	

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)

<i>Year</i>	<i>Name of the award/ medal</i>	<i>National/ International</i>	<i>Sports</i>	<i>Cultural</i>	<i>Student ID number</i>	<i>Name of the student</i>
2019	III place	Zonal Tournament	Kabaddi		811218114007	K.Ganesh Pandian
					811218114002	M.Anith Kumar
					811218103015	S.Sathish Kumar
					811218103002	Mahendran
					811218105007	R.Sasi Kumar
					811217205021	S.Viaya Raj
					811218114025	B.Vishnu
					811217114005	S.Karthick
					811216114034	A.Vasudevan
					811216114012	S.Hariram
					811216103001	J.Augustin Raj
					811218103002	M.Mahendran
					811217105024	M.Risonguru

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

Indra Ganesan College of Engineering provides opportunities for the students to participate in academic and administrative committees such as Internal Quality Assurance Cell, Student Welfare Council, Class Committee, Department Association and Anti-ragging committee. The Students members of these committees provide valuable suggestions and feedback in all committee meetings.

The association of each department selects student representatives as office bearers such as President, Secretary, Treasurer and Executive members. They actively coordinate with all the other students to conduct association activities such as symposium, intra department contests, Engineer's day celebration etc. The institution has student welfare council in which most of the members are the students. The student representatives of this council play a vital role in organizing cultural activities, Annual Day -'IGNITE', Pongal celebrations, Independence day and Republic day celebrations in the institution. Every year, during "SPARK" programme (A bridge course for first year students), senior students of the Institution handle a session in which they motivate and encourage the first year students to put forth their effort towards achieving their goals so as to become a successful engineer. They also exhibit and demonstrate their mini projects, thereby inculcating passion towards Engineering among them.

The students are also encouraged to participate in Workshops, Seminars, National and International Conferences arranged by the institution to impart skill based learning. Industry-academia linkage is made by signing MOUs with reputed industries to provide industrial training to the students with a aim to move towards our vision. Through this linkage the students are motivated to undergo internships, industrial visits, in-plant training, field projects, and value added courses, certificate courses, workshops and Vocational Education Training with an objective to impart experiential learning on them. Placement training is given to the students and many campus drives are organized every year. In order to encourage the students excel in all professions, guidance for competitive exams, GATE coaching, soft skills training are given to them.

In order to improve the employability skill of the students, Technical Aptitude Training Session (TATS) is included in the regular academic timetable. During this session, student volunteers actively organize group discussion, conduct aptitude classes, and discuss GATE questions with their classmates.

The students are mostly encouraged to actively participate in social activities and extension activities. There are student volunteers in the social activities club of the institution such as NSS, YRC, Rotaract Club. Through this clubs, many activities such as Blood donation camp, Tree plantation, Organ donation camp, Free medical camp, Yoga training, Dengue awareness programme, Rural student empowerment programme, Road safety, Rain water harvesting rally, Swach awareness camp, Flood relief camp, Gaja cyclone rehabilitation are conducted. The Student volunteers launched a clean campaign by setting up dust bins over the entire college campus and created awareness among everyone in the institution to keep the environment clean. As a remarkable community activity, a village near by the institution, Mekudi has been adopted under "Village Adoption Scheme".

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Indra Ganesan College of Engineering Alumni Association is functioning in the name "Indra Ganesan College of Engineering Alumni Nest (IGCEAN)". It provides a good opportunity to maintain a prolonged relationship among the alumni, faculty and the students of the institution. Our alumni are now exhibiting their talents in the fields they are associated with. The institution is distinctive in building good relationship with alumni. Every year alumni meet is conducted in the institution on the convenient date decided by the association head and this provides a platform for all the alumni members to extend their contribution in various aspects to the institution. Alumni meeting create an opportunity for the alumni to

meet their college friends at one place to share their happiness, old memories, experience in the current field and knowledge among themselves. A dedicated registration application is given to alumni for official registration which is also available in our College website.

Alumni are mostly interested in making a visit around the college to bring their old memories. They pointed out the various development and infrastructure changes. They are very much curious about their department juniors and their present proceedings. The alumni association collects funds from all the members and hand over the same to the Principal of the College. Apart from regular alumni meet, being held every year, our alumni frequently visit the Institution and contribute themselves for the betterment of the students in the following ways:

1. The institution maintains its integrity in inviting our alumni as chief guests for the department association events such as association inauguration, Technical symposium conducted by all the departments.
2. During their visit on these occasions, they share their experience in the field they are associated with. They also give awareness about the current job opportunities and current industry scenario to the students. They also motivate them to equip themselves according to the rapid changing technologies.
3. The alumni association conducts guest lecture, seminar, and workshops for the students of the institution and encourages them to enhance their participative learning.
4. Some of our alumni are in recruitment position in their company, and hence they recruited their juniors for their company. One such company is JD Soft Private Limited, Chennai, where our alumni, Mr.Arun Balaji, consistently recruiting his juniors from our College in his company.
5. One of our alumni Ms.C.KannigaParameswari, 2016 passed out student from EEE working in an IT company is one of the members in our College Internal Quality Assurance Cell (IQAC). She was also invited as Chief Guest for the inaugural session of symposium organized by the department of Electrical and Electronics Engineering.
6. Some of our alumni are working in our institutions as Assistant Professors namely, Mrs.T.Sugashini/CSE, Ms.J.Jenifer/CSE, Ms.A.Suganya/CSE, Mr.S.Manikandan/CSE, Ms.A.Pushpalatha/IT, Mrs.D.Kokila/ ECE, Mr.R.Manickam/MECH, Ms.P.Jency Leena/ECE. We are very proud to have our alumni as our teachers.

5.3.2 No. of ~~registered~~ enrolled Alumni:

85

5.3.3 Alumni contribution during the year (in Rupees) :

5.3.4 Meetings/activities organized by Alumni Association :

The alumni meet of IGCE Alumni Association was held on 06.06.2020 through online zoom meeting. The alumni have registered in the google forms sent to them through email and Whatsapp. The following are the minutes of meeting of online Alumni meet:

1. Dr. N. Vaijyanthi, Professor/ECE welcomed the Principal, faculty members and the alumni for the

online Alumni Meet 2020.

2. Dr. S. Bharathi Raja, Principal welcomed the alumni and also inducted fresh alumni members into the alumni association.
3. The alumni Mr. Chanthosh/Civil, Mr. Mohammed Ashath/ECE, Ms. Sanofer Ibrahim/ECE shared the current status of Pandemic situation, COVID-19 in the countries they are living in, viz. Italy, Maldives and Saudi Arabia. They also expressed that they are staying safe in their respective countries.
4. Ms. Tamizh Vani/EEE explained the importance of having multi linguistic skills to sustain in IT industries in other states.
5. Ms. Kokila Vani/CSE working in IBM urged that students should improve their communication skills to succeed in their career.
6. The Principal highlighted the achievements of the alumni during their study in the college. He said that the project work of Mr.Kalaiselvam/Civil, “Organic Water Filtration” was distinguished and he suggested him to apply for patents. He also appreciated Mr. Mohammed Ashath for his active participation in NSS activities during his study.
7. All the alumni members shared their work experience with each other.
8. The Principal thanked the alumni members for their active participation in the meeting. He expressed his happiness to see IGCE alumni as successful Engineer, Entrepreneur, Manager etc. He invited alumni to conduct skill development programmes for the students to enhance their employability skills.

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)

Indra Ganesan College of Engineering is decentralized for a good governance and performance. The college is decentralized to progress well in academic as well as in administrative activities. Organogram of the Institution is framed and the roles and responsibilities at Principal level, HODs level, faculty level and student level are clearly defined in the HR policy of the institution.

(i) Decentralization in Academic Activities:

In the beginning of the academic year, Principal and HOD’s jointly designed a calendar. The calendar activities are monitored and implemented by various committees, in which the faculty and students are the members. Time table is framed by the time table committee in which the work is delegated to one faculty member from every department. The follow up of class work activities are taken care by the class coordinators. Feedbacks are collected once in a month from the students and they are brought to the notice of the IQAC for taking necessary actions. Examination work is delegated to Exam Cell, with one senior faculty member as Exam Cell Coordinator and one faculty member from every department as department coordinators for the conduct of Internal Exams as per the academic calendar. The curriculum enrichment courses such as value added courses and certificate courses are

organized by the HOD's with Principal's approval. The HOD's also conduct meetings periodically to monitor the academic activities as planned as per the academic schedule. HOD's along with faculty members administrate the department in a better manner.

(ii) Decentralization in Research Activities:

Research and Development Cell of the institution promote the research activities and monitor the progress by frequently conducting meeting once in a month. R&D work is delegated to one faculty from each department. Research Proposals have been submitted by the faculty members. During this academic year our institution has received AICTE grant of Rs. 299333, to conduct Short Term Training Programme -STTP.

Participative Management

(i) Staff welfare :

The management encourages it's faculty members who perform well in their academic activities by awarding them with certificates, cash prizes and memento. Faculty members who perform well in research activities are given research awards. Faculty members are motivated to pursue their Ph.D degree in part time and they are allowed to attend seminars, workshops and conferences.

(ii) Budget Proposal:

During the end of previous academic year, the HODs submit the budget proposal to the Principal that includes budget for equipment purchase, co-curricular activities and organizing events. After reviewing the budgets given by the HODs, Principal submit the same during the Governing Council meeting. The budget is approved by the Governing Council committee and further progress is carried out.

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

Yes/No/Partial:

Yes

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

❖ Curriculum Development

❖ Teaching and Learning

❖ Examination and Evaluation

❖ Research and Development

❖ Library, ICT and Physical Infrastructure / Instrumentation

❖ Human Resource Management

❖ Industry Interaction / Collaboration

❖ Admission of Students

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

❖ **Planning and Development:**The institution has various committees to carry out the planning and development activities. The information about committee meetings, events are circulated through e-mail. Also, every committee has separate WhatsApp group to disseminate the information quickly. A dedicated ERP software called e-campus is used to maintain all the academic and administrative information. Apart from having individual stock registers in all the laboratories, the list of equipments, furnitures available is also maintained as soft copy so as to get a quick reference whenever required. During pandemic this was found useful to prepare budget while working in home.

❖ **Administration:**The ease of administration is made through the ERP software available in the institution. The information on Students Personal details, Students attendance entry, Staff Personal details, Staff attendance entry, hostel details, transport details, Fees details, Account details, Admission details, Scholarship details are maintained by this ERP software. For each student, the following transport details are included: boarding point, the bus number allotted, the bus route and the bus fees. The issue of Transfer Certificate (TC) and Course Completion (CC) Certificates are also automated. The central library is also automated with MODERNLIB-Library management software.

❖ **Finance and Accounts:** The accounts are maintained by the accounts officer with the help of the ERP software which is a desktop application. The main features in account section of ERP software are Application fees, student fees collection, Hostel fees, fees pending list. Hence the status of the students' fees, Scholarships and other fees can be known by the Director, Principal instantly once when logged into this application since this ERP can be accessed through campus network. The financial records of all transactions like Purchase details, infrastructure maintenance, staff salary, students welfare expenses etc. are well maintained by the accounts department.

❖ **Student Admission and Support:** Our institution follows the standard procedure as per State Government Admission norms. A separate e-governance section called admission section is available in the ERP to enter the students' details who come for admission enquiry. After admission through counselling or management, all the personal details of the students are entered in the ERP software. The students daily attendance are entered and monitored in this software. At the end of every week, the consolidated attendance report is auto generated for further follow up. The students applying for medical leave and on duty leave are also updated in the attendance monitoring system of ERP.

❖ **Examination:**The ERP software has a separate timetable section in which the class time table, staff time table and the internal assessments schedule can be entered. After the examinations, the marks are entered in the marks entry section and if the student is absent for the exam, retest option is also available which can be activated for the eligible students. The internal marks calculation are also automated. A separate student login is available in the Anna University Examination Web portal -

coe1.annauniv.edu, for all the students, in which the University results, internal marks earned by the students are made available.

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
	M.Kaliraj/Civil	A one day workshop on "Sustainable Practices in Municipal Solid Waste Management"		500
	Mrs. P.Santhanaselvi	Workshop on Network Simulation Tool in MATLAB		500
	M.Bhuvaneswari	National conference on Emerging Trends in Engineering, Management and Computer Application		1000
	T.Kalaivani/H&S	FDP on Fuzzy sets and Systems		500
	T.Kalaivani/H&S	FDP on Capacity Building Program for Teachers during and Post COVID-19		500
	S.PraveenSangeeth Kumar AP/EEE	One day Workshop on Renewable energy		500
	T.Kalaivani/H&S	Short term course on GST in 90 minutes		500
	V.Srinath AP/ECE	Workshop on Intellectual property Rights and Entrepreneurship		500

	Rajeswari S/IT	Faculty Development Programme on Effective Online Teaching in the age of Corona,A Hands On Workshop		500
	Dr. G. Malathi	International Conference on Newer Engineering Concept & Technology - 2k19		1000
	Vijai. S	International Conference on Newer Engineering Concept & Technology - 2k19		1000
	K.Kumar	International Conference on Newer Engineering Concept & Technology - 2k19		1000
	D.PraveenSangeeth Kumar	International conference on Modern Trends in Science and Technology		1000
	A.RichardRethinasamy	International conference on Modern Trends in Science and Technology		1000

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non-teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (non-teaching staff)
	NAAC: A Guide for Beginners	Hands on training on "ERP Software"	19.05.2020	42	20
	Opportunities for Research with DRDO	Workshop on "MS-OFFICE Tools"	06.05.2020	65	18
	Workshop on machine learning		16.8.2019	35	
	Seminar on computer architecture		23.2.2020	28	
	Seminar on Data Warehousing Data Mining		29.2.2020	30	
	Seminar on Artificial Intelligence		13.3.2020	40	
	Webinar on Python		15.05.2020	40	
	Workshop on Hidden Markov Model for		10.02.2020	30	

Speech Recognition				
IOT Revolution challenges and opportunities		15.05.2020	46	
How to improve Research paper writing skills for Ph.D's		29.05.2020	40	

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	Date and Duration (from – to)
One week FDP on "Outcome Based Education and Academic Research"	1	06/01/2020 - 11/01/2020
A one day workshop on "Sustainable Practices in Municipal Solid Waste Management"	1	22/02/2020 - 22/02/2020
Two days FDP on Augmented Reality(AR)/Virtual Reality (VR)	1	25/5/2020- 29/5/2020
Two days Faculty Development Programme on Internet of Things(IoT)	1	11/5/2020- 15/5/2020
Five days National level Faculty Development Programme on Moodle - Learning Management System	1	19/5/2020- 23/5/2020
Faculty Development Programme on Effective Online Teaching in the age of Corona,A Hands On Workshop	1	24-05-2020
Faculty Development Programme on Internet of Things(IoT)	1	11/5/2020 - 15/5/2020
One week Faculty Development Programme on Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19	1	25/5/2020- 30/5/2020
Three days Faculty Development Programme on Basic Arduino Programming	1	19/5/2020- 21/5/2020
FDP on Fuzzy sets and Systems	1	16-05-2020
Short term Course on Carrier Edge - Knockdown the Lockdown	1	1/5/2020-14/5/2020
FDP on Capacity Building Program for Teachers during and Post COVID-19	1	28/5/2020- 29/5/2020
Five days FDP on Emerging Technologies in Robotics	1	26/5/2020- 30/5/2020
Short term Course on Graph Theory	1	1/6/2020-5/6/2020
Online Workshop on Matlab Applications in process simulation and Control	1	23/5/2020- 24/5/2020
Short term course on GST in 90 minutes	1	17-05-2020
FDP on "VLSI Chip Design Handson using Opensource EDA	4	2/07/2019 - 07/07/2019
Improving Research planning & Writing	1	28.04.2020

Skills at technical Institutes		
Online Workshop on Basic of Machine Learning	7	27.04.2020
Improving Research planning skills at Technical Institute	1	29.04.2020
FDP on Wireless Communication	5	09/12/2019 - 14/12/2019
One day Workshop on Renewable energy	1	20.12.2019
Six days FDP on "Electrical Circuit Analysis"	1	19.12.2019-25.12.2019
Workshop on Intellectual property Rights and Entrepreneurship	1	22.11.2019-23.11.2019
One week FDP on VLSI chip Design Hands on using open source EDA	4	08.07.2019-12.07.2019
Five days FDP on Recent Trends Antenna Design and Analysis using EM Solver	1	26.05.2020-30.05.2020
Webinar on opportunities for Engineers@DRDO	14	25.05.2020
Webinar "Image processing using python"	3	12.05.2020
Webinar "Roles of IoT on Industrial Applications"	1	21.05.2020
Webinar "Challenges in Integrating nanosensors to IoT platform"	1	04.05.2020
Webinar"Hangout with successful startups"	2	05.05.2020
Webinar"Product development company opportunities in this pandemic situation"	2	28.05.2020
Webinar"Enjoyable and Engaging Tools to learn coding"	2	19.05.2020
Webinar"21st century communication skills powered by Artificial Intelligence"	1	08.05.2020
Webinar"Major challenges in Auto component Industries post COVID-19"	1	07.05.2020
Webinar"The future of Education employment and Entrepreneurship"	1	06.05.2020
Webinar"Project Management and Industrial Overview"	3	25.05.2020
Webinar"Research Trends in Multirate signal processing"	2	27.05.2020
Webinar"Bit coin Block chain"	2	17.05.2020
Webinar"Essential soft skills for a successful career"	3	20.05.2020
Webinar"Good Teacher to Great Teacher"	2	14.05.2020
One week FDP on"Outcome Based Education and Academic Research"	1	06/01/2020 - 11/01/2020
A one day workshop on "Sustainable Practices in Municipal Solid Waste Management"	1	22/02/2020 - 22/02/2020
Two days FDP on Augmented Reality(AR)/Virtual Reality (VR)	1	25/5/2020-29/5/2020

Two days Faculty Development Programme on Internet of Things(IoT)	1	11/5/2020-15/5/2020
Five days National level Faculty Development Programme on Moodle - Learning Management System	1	19/5/2020-23/5/2020
Faculty Development Programme on Effective Online Teaching in the age of Corona,A Hands On Workshop	1	24-05-2020
Faculty Development Programme on Internet of Things(IoT)	1	11/5/2020 - 15/5/2020
One week Faculty Development Programme on Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19	1	25/5/2020-30/5/2020
Three days Faculty Development Programme on Basic Arduino Programming	1	19/5/2020-21/5/2020
FDP on Fuzzy sets and Systems	1	16-05-2020

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):			
Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
95			75

6.3.5 Welfare schemes for	
Teaching	<p>Participation in Conferences/ Seminars/Workshops, FDP,and Publications in Journals Each faculty member is encouraged to participate in conference/seminar , Workshop/FDP,etc.. with financial support or OD. Each faculty member is motivated to present/publish papers in National/International papers in National/International Conferences/Journals.</p> <p>Participation in Sponsored Research and Consultancy work The faculty members in addition to the regular academic work shall participate in carrying out sponsored research and consultancy work.</p> <p>Encouraging faculty member to pursue Higher Studies (Ph.D.) Faculty members interested in pursuing Ph.D. on Part-Time basis shall submit an application to the management through the principal seeking permission for registration. ODs are provided to meet their research supervisors for discussion and to write Ph.D. coursework examination.</p> <p>Assessment, Promotion policy The performance of all faculty members are assessed during every year. Staff appraisal form shall be prepared by the faculty subsequently verified by the HOD and forwarded to the principal for review. Based on the review report, the faculty members are honored with incentives, increment in their pay/ pay revision and promotion.</p> <p>Employees Provident Fund Scheme (EPF) The institution comes under the purview of Employees Provided Fund for the benefit of Teaching members.</p> <p>Leave/Permission (a) Casual Leave (CL): Each Teaching staff shall avail 12 CL per academic year. Faculty members can avail two permissions per month. (b) Compensatory Casual Leave (CCL):</p>

	<p>Faculty members are eligible to avail CCL in lieu of working for the institute/management on a non-working day/general holiday.</p> <p>Medical Leave and Maternity leave: Each faculty member shall avail Medical leave. Maternity leave for a period of 3 months shall be availed.</p> <p>(c) On-Duty Leave (OD): The Faculty members shall avail the following on-duty leave with prior permission from the principal: Research project presentation/consultancy assignment/participation in conference/seminar/workshop/FDP etc.</p> <p>Rewards and Awards: Teaching faculty members are provided with compliments during special occasions like Teacher's day, Diwali, New year celebrations etc. The faculty members with distinguished performance are appreciated by rewarding them with certificates and cash prizes under various categories such as "IG-STAR" award, "Research Award", "Best department of the year" and "Maximum Library Utilization" during the Institution Annual day program, "IGNITE".</p> <p>Yoga training for faculty members: Yoga training is being given to faculty members as a mode of stress relief and to improve their mental and physical health.</p>
Non teaching	<p>Participation in Seminars/Workshops, FDP Each non-teaching staff is encouraged to participate in Training programs Workshop, FDP, Seminar.</p> <p>Assessment, Promotion policy The performance of all non-teaching staff are assessed during every year. Staff appraisal form shall be prepared by the faculty subsequently verified by the head in charge and forwarded to the principal for review. Based on the review report, the non-teaching faculty members are honored with incentives, increment in their pay/ pay revision and promotion.</p> <p>Employees Provident Fund Scheme (EPF) The institution comes under the purview of Employees Provident Fund for the benefit of non-teaching faculty members.</p> <p>Leave/Permission (a) Casual Leave (CL): Each non-teaching Staff shall avail 12 CL per academic year. (b) Compensatory Casual Leave (CCL): Each non-teaching staff are eligible to avail CCL in lieu of working for the institute/management on a non-working day/general holiday. (c) Medical Leave and Maternity leave: Each non-teaching Staff shall avail Medical leave to a minimum of 15 days subject to a maximum of 30 days per academic year. Maternity leave for a period of 3 months shall be availed.</p> <p>Rewards and Awards: Each Non-Teaching faculty members are provided with compliments during special occasions like Teacher's day, Diwali, New year celebrations etc. The faculty members with distinguished performance are appreciated by rewarding them with certificates and cash prizes under various categories such as "IG-STAR" award, "Research Award", "Best department of the year" and "Maximum Library Utilization" during the Institution Annual day program, "IGNITE".</p>

Yoga training for non-teaching:

Yoga training is being given to non-teaching members as a mode of stress relief and to improve their mental and physical health.

Participation in Conferences/ Seminars/Workshops, FDP, and Publications in Journals

Each student is encouraged to participate in conference/seminar, Workshop/FDP, etc., with OD. Each student is motivated to present/publish papers in National/International papers in National/International Conferences/Journals.

Rewards and Awards

Students, who excel in their studies in the semester examinations and getting Gold medals and university ranks, get awards from the management, every year, for his/her brilliant academic performances.

Placement

Students, who excel in their academic result, will get the benefit of attending direct placement conducted interviews in our campus. Other students, who may not have shown excellence in academics, are also given a chance in the placement conducted interviews, where the students will have to write a written test, followed by a Group discussion and an interview to get through in the selection process.

Special coaching/Co-curricular activities

Slow learners will be given special coaching, in which subject wise training and test will be conducted to improve academic performance. Fast learners will be given GATE Coaching, aptitude training.

Participation in Sports

Students are encouraged to participate in various sports activities and also in zonal and district level tournaments.

Medical check up

Medical camps are organized for Students and free medical check-up are provided. CORONA awareness program is conducted for students.

Scholarship

First Graduate, PMSS scholarship, Minority Scholarship, BC/MBC Scholarship, Ulavar Scholarship are given to the students.

Apart from this the Institution give Trust Scholarship for the meritorious students coming from poor background.

The students, whose parents are in Tamilnadu Amaipu Sangam Scholarship will be provided to their wards.

Clean purified drinking water and Hygienic food is provided in canteen and in hostel.

Students are encouraged to Participate in co-curricular and Extra Curricular activities (NSS, NCC etc). Students are encouraged to attend Inplant training in reputed industries. Once a year students is allowed to go for IPT to industries to gain practical knowledge in their subject. In annual day "IG-BOSS" award is given to the be stoutstanding student.

Students

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6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Budget proposal for the upcoming academic year is prepared by the HODs at the end of the academic year and submitted to the Principal. This is presented before the Governing Council for approval. At the end of the year, auditing is done by internal finance audit members, the accounts officer and the administrative officer.

External financial audit:

External auditing is performed once in six months to check the correctness of the accounts, and to submit the accounts to the Income Tax department within the due date. TDS, EPF, Professional Tax and other Government insisted payments are verified by the Auditor.

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/ Grants received in Rs.	Purpose
Indra Ganesan Educational Charitable Trust	12,500	Projects
6.4.2 Total corpus fund generated	12,500	

6.5 Internal Quality Assurance System

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

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

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

- Conducted Orientation Programme for the Parents of I year students on April 9, 2019.
- Parents teachers meeting conducted for all students twice in a semester, one at the middle of the semester and other meeting before the University examinations to communicate the progress of their wards.
- IQAC has parents as members who give valuable suggestions during IQAC meeting
- Feedback on curriculum is given by the parents during Odd and Even semester, which are analyzed for further development.
- Parents give valuable feedback during parents teachers meeting that are taken into consideration

6.5.3 Development programmes for support staff (at least three)	
<ul style="list-style-type: none"> • A one day training program in the “Role of Effective Communication in Workplace” for supporting staff was conducted on 07.07.2019 • A one day Training program on “MS-OFFICE Tools” was conducted on 07.11.2019. • The Rotary club of Road Safety organized a “Road Safety Awareness program” was conducted on 08.05.2020 for the bus drivers 	
6.5.4 Post Accreditation initiative(s) (mention at least three)	
<ul style="list-style-type: none"> • Recognition of our Institution under UGC Section 2(f) • Formation of Board of Studies to frame syllabus for Certificate Courses, Value added Courses • Internship is made mandatory for 3rd year and 4th Year students • More number of faculty members with Ph.D. qualification are appointed post accreditation • Development towards applying for NBA 	
6.5.5	
a. Submission of Data for AISHE portal	:Yes
b. Participation in NIRF	:No
c. ISO Certification	:No
d. NBA or any other quality audit	: No

6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2019	Establishment of IQAC – I Meeting	31.07.2019	1 day	25
2019	Regular Meeting of IQAC – II Meeting	25.01.2020	1 day	25
2019	Conducted Academic Administrative Audit	29.11.2019 & 30.11.2019	2 days	95
2020	Conducted Academic Administrative Audit	23.07.2020 & 24.07.2020	2 days	98
2020	Mock Internal Committee Visit-1 for NAAC	02.11.2020	1 day	95
2020	Mock Internal Committee Visit-2 for NAAC	14.01.2020	1 day	95
2020	Mock Internal Committee Visit-3 for NAAC	08.02.2020	1 day	95
2020	Submission of SSR	14.02.2020	1 day	95
2020	DVV Submission	06.06.2020	1 day	95
2020	Establishment of NPTEL Local Chapter	11.03.2020	1 day	95
2020	Release of IGSPLASH- Monthly	05.03.2020	1 day	95+616= 711

	Magazine			
2019	Feedback Collected from all the stake holders, analyzed and appropriate action was taken	17.09.2019 to 21.09.2019	2 days	616+95+84+52=847
2020	Feedback Collected from all the stake holders, analyzed and appropriate action was taken	19.05.2020 to 23.05.2020	2 days	616+95+84+52=847
2020	Webinar on "A Guide to NAAC for beginners"	19.05.2020	1 day	2000
2020	Technology to School Students	21.01.2020 to 24.01.2020	2 days	300
2020	Orientation Session on Swayam Online Courses	27.06.2020	1 day	84
2019-20	Regular Conduct of Mentor Meeting	Every Friday between 4 to 5 PM		623

CRITERIONVII –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-to)	Participants	
		Female	Male
Self Defence Programme for Women	15.08.2019	50	70
Entrepreneurship awareness programme	19.09.2019	63	115
Women's Day Celebration	08.03.2020	104	0
Stress Management Program for Women	10.01.2020	72	80
Seminar on Cleanliness and Hygiene for Girl Students	12.06.2020	75	0

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

ENERGY AUDIT REPORT

Total annual power requirement -2019-2020

Month	Unit
June	10897.2
July	8543.2
August	10942.8
September	8543.2
October	10154.8
November	8612
December	8451.2

January	6320
February	9964
March	9964
April	13574
May	3264
TOTAL	109230.4

Power Consumption through Renewable Energy Solar Panel for (40watts)

Solar panel	Qty	Watts	Total watts	KWH
	5	40	0.20	0.20

Power Consumption through Renewable Energy Solar Panel for (20watts)

Solar panel	Qty	Watts	Total watts	KWH
	2	20	0.04	0.04

TOTAL 0.24KWH

40watts-5panel-0.20kwh-12hrs-0.20x12=2.4 kwhx365days=**876KWH**

20watts-2panel-0.04kwh-12hrs-0.04x12=0.48 kwhx365= **175.2KWH**

Annual power requirement met by renewable energy sources = (876+175.2) = **1051.2KWH**

Total power requirement=109230.4+1051.2= **110281.6 KWH**

Percentage of annual power requirement of the institution met by the renewable energy sources =

Annual power requirement met by renewable energy sources/Annual power requirement x100

=1051.2/(110281.6+1051.2)x100=**0.944%**

7.1.3 Differently abled (Divyangjan) friendliness		
Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	400
Ramp/ Rails	Yes	30
Braille Software/facilities	No	Nil
Rest Rooms	Yes	50
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility		

7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2019-20	03	05	26.09.2019	Career opportunities for Local School students	Higher Education awareness	225
			10.10.2019	Tree plantation	To achieve Environmental Sustainability	110
			25.10.2019	NilavembuKasayam Distribution	Dengu awareness	320
			24.01.2020	Rain water Harvesting Awareness	To reduce the use of ground water, can increase its levels.	150
			12.03.2020	Awareness Programme about Corona Virus	Create Awareness for COVID-19 to each student	274
			05.06.2020	Pedestal Hand Sanitizer Dispenser	To resist Corona Virus	125
			21.06.2020	Yoga for Harmony & Peace	To relieve from Mental stress	150
			23.06.2020	Webinar on Women in the field of Robotics and their Career opportunities	To encourage women in the field of Robotics	128

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-----to-----)	Number of participants
International Yoga Day celebration	21.06.2019	320
Independence day	15.08.2019	160
Plantation of Saplings	21.08.2019	64
Teacher's Day Celebration	05-09-2019	260
Special Lecture on Ethics and Human Values	22.10.2019	158
Republic day	26.01.2020	142
Legal awareness Programme for Women	10.01.2020	55
Blood donation camp	25.01.2020	60
Importance of Voting	06.04.2020	275

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)
<ol style="list-style-type: none"> 1. Plastic free Campus 2. Increase in Plantation and greenery area 3. The Institution organized awareness program to educate girls students about the environmental impact of burning sanitary Napkins and taught them eco-safe and hygienic alternatives to use and dispose them. 4. Replacing the conventional energy with solar energy 5. Tobacco products are strictly banned within 2 kilometres around the campus 6. Rainwater harvesting

7.2 Best Practices
<p>Describe at least two institutional best practices</p> <p>Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link</p>

7.3 Institutional Distinctiveness
<p>Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust</p> <p>Provide the weblink of the institution in not more than 500 words</p>

8.Future Plans of Actions for Next Academic Year

1. To start New courses like Artificial Intelligence and Agricultural Engineering.
2. To apply NBA for eligible departments.
3. To conduct Certificate Courses for rural students nearby villages such as Basic Electrical, Basic Mechanic.
4. To provide Online training programme by NASSCOM (National Association of Software and Services Companies) which includes Artificial Intelligence , data Science, Cyber Security, Internet of things to all students.
5. To enhance students placement with higher package in dream corporate.
6. To increase the number of collaborative research and consultancy with industries.
7. To increase more number of patent filing,publishing and grant.