



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	DHAANISH AHMED COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr. K. RAJA
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	044-71736800
Mobile no.	9444280137
Registered Email	dacenaac@dhaanishcollege.in
Alternate Email	principal@dhaanishcollege.co.in
Address	Dhaanish Nagar, Padappai ( Near Tambaram), Vanchuvancheri
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	601301

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Semi-urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. J. Sendhil			
Phone no/Alternate Phone no.		04471736814			
Mobile no.		8248331994			
Registered Email		dacenaac@dhaanishcollege.in			
Alternate Email		iqac@dhaanishcollege.in			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://dhaanish.in/iqac-report/">http://dhaanish.in/iqac-report/</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="http://dhaanish.in/academic-calendar/">http://dhaanish.in/academic-calendar/</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.89	2018	02-Nov-2018	01-Nov-2023
<b>6. Date of Establishment of IQAC</b>			14-Jun-2012		
<b>7. Internal Quality Assurance System</b>					
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		
Internal Academic Audit was conducted for Departmental level and	10-Jun-2019 6		21		

Institutional level		
FDP was conducted on NBA Accreditation (ICT01), NITTTR, Kolkata	22-Apr-2019 5	17
FDP was conducted on Assessment and Evaluation of OBE (ICT04), NITTTR, Kolkata	10-Jun-2019 5	23
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Petroleum Engineering	Popularization of Science Activities (POSA)	Tamil Nadu State Council for Science & Technology (TNSCST)	2018 1	20000
Petroleum Engineering, ECE, Mechanical Engineering	Students Project Scheme (SPS)	Tamil Nadu State Council for Science & Technology (TNSCST)	2018 3	22500
Petroleum Engineering	Partial financial assistance scheme for conducting seminar/symposia/workshop	Tamil Nadu State Council for Science & Technology (TNSCST)	2018 1	15000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View Link</a>
<b>10. Number of IQAC meetings held during the year :</b>	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View Uploaded File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities</b>	No

during the year?

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

- Conducted internal academic audit at departmental level and institutional level.
- Conducted four Faculty Development Programmes on NBA Accreditation and OBE through ICT mode in association with NITTTR, Kolkata.
- Collection and analysis of Students Satisfaction Survey Report .
- Conducted two periodical IQAC meeting and reviewed the progress of the agenda.
- Motivated students and faculty to write proposals and submit to various funding agencies.

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

Plan of Action	Achivements/Outcomes
1st meeting of full body of IQAC held at the beginning of academic year to review previous year's performance and to issue guidelines for the current academic year.	Progressive
Periodical meetings at least (four in a year) to review midyear performance.	Performance improved
CBCS Choice Based Credit System was introduced by Anna University in the year 2017-2018. Steps are taken for improving the results as per the new regulations 2017.	Performance is improving
As per Anna University Regulations 2017, students are permitted to do additional optional 5 credit courses in the curriculum namely One/two credit value added courses and three credit online courses like NPTEL, SWAYAM, MOOC, coursera, etc. The credits earned by the student will be reflected in their mark sheet but it will not be taken into account for computing CGPA. IQAC has taken initiative and motivated the students to register for these courses.	Value added courses are designed by the institution and approved by the Anna University. Some of the students have completed online courses and received the certificates from the registered portal.

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**14. Whether AQAR was placed before statutory body ?**

No

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

No

<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	28-Aug-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>INTRODUCTION Dhaanish Ahmed College of Engineering is having a Management Information System (IMPRESS) to manage the routine activities related to the teaching learning process and also have module related to Information Centre. The module related to the Information will facilitate to the Management Execution to monitor, control, govern, academic activities like student enrolment, subject allocation, internal assessment, reviews etc and also work related to the statutory bodies like AICTE, ANNA University, DOTE and NAAC.</p> <p>ACADEMIC MODULE: The academic module comprised of various sub modules includes ? Time Table, Syllabus, Lesson Plan and notes ? Student, Faculty Personal details ? Students Attendance, Subject wise attendance ? IAT Result Analysis, Mentoring activities ?</p> <p>Library Module Timetable: The class wise timetable and faculty wise timetable should be uploaded in this system for each semester. Syllabus, Lesson Plan and notes: As based on the allocated time table, the prepared syllabus, lesson plan and unit wise notes for the Regulation prescribed by Anna University should be uploaded.</p> <p>Student, Faculty Personal details: The authorized user are permitted to upload the faculty and student reports based on various categories like 1. Year / Class / Name of the Student 2. Student photo view, academic info 3. Attendance report 4. Faculty Personal information 5. Cocurricular activities Student Attendance, Subject wise attendance:</p> <p>The student attendance module will facilitate the user to mark attendance each period by the faculty members of respective departments. Mentoring: Mentoring comprises of personal information, contact details,</p>

attendance maintenance, test mark entry for the test conducted within the Institution. The various assessment test corresponding marks for the subject will be entered with various status like pass, fail, absent will be marked. Library Module: To access the library books through the online public access catalogue, this will facilitates the availability of books and the journals accessed and the user can check the availability of the books and its status. The Library module will facilitate student to access the library in ease manner like 1. OPAC 2. Transaction of Books 3. History REPORTS GENERATED THROUGH IMPRESS MIS: The MIS system facilities the user to generate the reports which helps the user to categorize the student based on constraints as follows. ? Abstract Of Student List ? Student's Parent Photo ? Alumni Info ? Attendance Report

Abstract of Student List: The abstract of the student list can be generated with various categories like student's register number, name, gender, community, mode of admission, accommodation details, secured marks etc. Student's Parent Photo: After generating the report, this system will helps to identify the department wise cum year wise student and parent's photos along with their details as brief. Alumni Info: In this category, the alumni students are mentored once in a year by the corresponding department faculties, to update their current status, experience, Address of correspondence, Contact number. Also helps to create a job opportunity and guidance for their juniors. Attendance Report: To generate the class attendance report, individual subject attendance report for each and every semester.

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

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

Dhaanish Ahmed College of Engineering which is affiliated to Anna University, Chennai follows the prescribed syllabus offered by the University. For the students admitted up to AY 2016-17 fixed credit and absolute grading system is

followed. Students have an option to choose elective subjects from the list of subjects given by the university. From AY 2017-18 onwards, Choice Based Credit System (CBCS) has been introduced where in the student has a choice to choose interdisciplinary subjects/electives and can also complete the 8th Semester subjects in advance. The academic schedule for each semester is provided by the COE, Anna University and it is distributed to all departments. The Principal / Dean / Overall Academic Coordinator prepares an Academic Calendar for the college by convening HODs meeting to fix timetable slot, assessment tests schedule and other schedules for the semester, based on the University Academic Calendar. All other activities of the departments like Industrial visits, In-plant training, Guest lectures, Symposium, Seminars, Conference, Placement and Training and association activities are scheduled to augment teaching-learning process. Class Committee meetings are convened as per University norms. To ensure academic flexibility and to provide curriculum enrichment, value added courses are conducted for all the students apart from the university syllabi.

To enable the students to update on the recent developments in industries, frequently guest lectures by eminent persons from industry/research/academia are arranged. To enhance the employability of the students customized trainings in the area of soft skills, aptitude, communication, personality development, etc., are imparted. Being an ISO certified institution the planning, delivery and evaluation are systematically and periodically monitored through academic reviews. Dhaanish Ahmed College of Engineering (DACE) carries out the following activities:

- Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc,
- Effective curriculum delivery through Information Communication Technology (ICT) enabled class rooms in addition to LCD, video conference, and NPTEL.
- With an aim to make the teaching methods student friendly, a new approach, namely, FACULTY ADVISORY PROGRAMME (FAP) is introduced in our college as an alternate to conventional classroom teaching, during the last hour of each day. Promoting peer learning through Student for Students (S4S), the student is allowed to choose a faculty of their choice with whom they can informally discuss any subject of any semester, any disciplines too, depending on the subject through Teacher for Students (T4S). Also facilitates collaborating/self learning, counseling/mentoring, engaging slow learners to clear academic backlogs.
- Continuous evaluation by conducting internal assessment test, model exams and exclusive two mark test to improve the confidence of the student's and to make the student's strong in their understanding of fundamental concepts. Also, to measure effectiveness of the learning progress and achievement of the student and student progress towards stated improvement goals and track their academic performance.
- Academic reviews, result analysis meetings, and corrective/remedial measures are conducted to improve the performance.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Aptitude Training	NA	20/02/2019	6	Employability	Aptitude skill
Python Programming	NA	17/12/2018	6	Employability	Programming Skill
Godrej Air Conditioning and Refrigeration	NA	23/11/2019	7	Entrepreneurship	Service and Technical Skill
Godrej Air	NA	12/03/2018	7	Entrepreneurship	Service

Conditioning and Refrigeration	AutoCAD	NA	20/02/2019	7	urship	and	Technical Skill
					Employability		Mechanical Design Skill

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Seperate Sheet Attached	27/06/2018
<a href="#">View Uploaded File</a>		

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL ENGINEERING	27/06/2018
BE	COMPUTER SCIENCE AND ENGINEERING	27/06/2018
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	27/06/2018
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	27/06/2018
BE	MECHANICAL ENGINEERING	27/06/2018
BTech	PETROLEUM ENGINEERING	27/06/2018
MBA	BUSINESS ADMINISTRATION	27/06/2018
ME	APPLIED ELECTRONICS	03/09/2018

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

	Certificate	Diploma Course
Number of Students	223	0

## 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
Revit, Staad Pro and MSP	04/03/2019	78
Robotics	04/03/2019	30
POWER DISTRIBUTION using presently available Switch Gears and Control gears	13/02/2019	39
Training on C, C Plus Plus and Java	07/01/2019	54
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
BE	Civil Engineering	8
BE	Computer Science and Engineering	27
BE	Electronics and communication Engineering	19
BE	Mechanical Engineering	29
BTech	Petroleum Engineering	102
MBA	Business Administration	19
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## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

<p><b>Feedback Obtained</b></p> <p>The Faculty Performance is evaluated by Principal through HOD for every Academic year with the use of self appraisal Form. Faculty members of Higher Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their selfrenewal, keep abreast with changes in technology, and develop expertise for effective implementation of curriculum. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and cooperation with other Faculty, HeadsofDepartments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance. The assessment is based on:</p> <ul style="list-style-type: none"> <li>• A welldefined system for faculty self appraisal and every assessment years.</li> <li>• Its implementation and effectiveness</li> </ul> <p>Dhaanish Ahmed College of Engineering faculty appraisal system is meant to highlight areas where faculty members have encountered difficulties in the conduct of their duties or assignments and provide solutions and guidance to assure achievement of standards and expectancies.</p> <p><b>Student’s Feedback:</b> All the students of UG PG are informed to provide their feedback on the subjects taught, in the prescribed proforma given to them frequently. This will be of great value to the Department to enhance the quality of learning. The student feedback is collected after the one month of commencement of class work and during the last week of the semester. This feedback helps to understand the problems of students, syllabus coverage, effectiveness of teaching etc.</p> <p><b>Feedback from alumni:</b> Feedback on career prospects is obtained from Alumni, when they attend the Alumni Meet arranged by the department concerned periodically. In some cases feedback is received as email correspondence. Based on the feedback, the necessary recommendations are proposed to the college management for discussion and approval.</p> <p><b>Feedback from Parents:</b> During Parents’ Meeting, parents meet the faculty to know about the academic performance,</p>
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regularity, conduct and behaviour of their wards and they provide such information about the usefulness or suitability of the programme of their wards. Feedback from Teachers: Feedbacks are collected from Teachers on Innovative teaching learning tools and training provided by the department, opportunities provided for attending/conducting faculty development programme, opportunity for Research and Development, Lab facilities, Departmental books facilities, Publications and incentives provided by the institution, encouragement and supports from the department to participate in workshops seminars, conference, etc., fairness in treating of faculty, allotment of workload, faculty retention. Their suggestions will be taken into account and placed before the management. Feedback from employers: The College gets feedback from the Subject Experts, Resource Persons, Members of Inspection Commission and External Examiner for conducting Vivavoce, Special invitees to the seminars, symposium and workshops arranged in the College campus to enrich the curriculum. Industry Expert's elucidations on the requirements of industry with regard to subject knowledge and skill are taken for consideration.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	60	25	13
BE	Computer Science and Engineering	120	52	45
BE	Electrical and Electronics Engineering	60	25	15
BE	Electronics and communication Engineering	120	25	17
BE	Mechanical Engineering	120	50	34
BTech	Petroleum Engineering	60	35	29
MBA	Finance, HR, Logistics and supply chain Management	60	6	6
ME	Applied Electronics	18	2	1

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2018	1001	22	120	6	7

### 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
99	91	15	8	6	7

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

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

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

Student mentoring/counseling system available at our college: • Identifying the students who have attendance, less than 75 percentage or having mid marks less than 60 or having backlogs or having any behavioral issues. • Counseling given to the students during the FAP hour based on the regularity, marks, behavior of the student, skills, and performance during the internal assessment test and end semester exams. Student's performance improved over the years. • Communicating to parents about their wards performance. Documenting the details about counseling and communication with parents. • Generating the reports at regular intervals from ERP-IMPRESS and submitting to Principal and Dean Academics through HOD. Role of mentor: The college adopts mentor/ tutor system to look after the learning capabilities of students individually • For 20 students, one faculty is assigned as mentor • Mentor continuously track the mentee attendance details and academic performance • Mentor will assist mentee in selecting open electives, professional electives and career guidance • Mentor will track the mentee sports activities, extracurricular and co-curricular activities. Counseling: College provides mentoring and counseling system to the students. College has taken a special care to create social, physical and psychological environment and awareness. Counseling is provided to the students to be more confident, mentally strong and matured enough to handle situations affecting their educational and vocational life. (a) Mentoring: Mentoring the students is done at 1:20 ratio on a regular basis which is scheduled in the class time table. Detailed students profile is maintained by the respective departments which would be helpful in understanding the background of the students. Individual counseling is also initiated for some special cases. These special cases will be regularly monitored by concern mentor and head's of the departments. College also ensures the confidentiality about the issue on which counseling is given. Every faculty member will be mentoring the students from different aspects and motivates the students to handle the situations. (b) Counseling: It helps the students who are facing problems such as stress, financial stress, depression and anxiety. They are giving individual care to the students by spending time with them. The students share the problems freely and got the solutions. (c) Yoga: Yoga and meditation is practiced in the college to relax the students and faculty from their regular hectic schedule. In order to improve the concentration we have given small physical and mental exercise. This helps the students to overcome the deviation and also help them to face the problems individually. College also ensures the physical and mental fitness of the students to be stronger towards their academic and personal life.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1023	120	1:9

### 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
121	120	0	3	43

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. K. Raja	Principal	Chairperson of Computing and information Sciences Technical Session in IRCUWU 2019 at Uva Wellassa University, Sri Lanka
2019	Dr.K. Raja	Principal	Resource Person in the workshop on Research Indicators, Scholarly Publications and Research Management, organised by Uva Wellassa University, Sri Lanka
2019	Dr.K.Raja	Principal	Resource Person at the seminar on Optimal Use of Research indicators, Tools and Techniques, Research Intelligence and Scholarly Communication organised by University of Peradeniya, Peradeniya
2019	Dr. K. Raja	Principal	Panel Member of Library Science and Information Management Technical Session at International Research Conference of Uva Wellassa University
2018	Dr. J. Sendhil	Associate Professor	Reviewer - Chemical Engineering Journal
2018	Dr. J. Sendhil	Associate Professor	Reviewer - Chemical Engineering Communications

2018	R. Sampath	Associate Professor	Reviewer - International Journal of Imaging Systems and Technology
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	103	II/I	18/05/2019	23/06/2019
BE	103	IV/ II	22/05/2019	23/06/2019
BE	103	VI / III	29/04/2019	23/06/2019
BE	103	VIII / IV	13/04/2019	22/05/2019
BE	104	II / I	18/05/2019	23/06/2019
BE	104	IV / II	22/05/2019	23/06/2019
BE	104	VI / III	04/05/2019	23/06/2019
BE	104	VIII / IV	16/04/2019	22/05/2019
BE	105	II / I	18/05/2019	23/06/2019
BE	105	IV / II	22/05/2019	23/06/2019
BE	105	VI / III	04/05/2019	23/06/2019
BE	105	VIII / IV	16/04/2019	22/05/2019
BE	106	II / I	21/05/2019	23/06/2019
BE	106	IV / II	22/05/2019	23/06/2019
BE	106	VI / III	02/05/2019	23/06/2019
BE	106	VIII / IV	29/04/2019	22/05/2019
BE	114	II / I	18/05/2019	23/06/2019
BE	114	IV / II	22/05/2019	23/06/2019
BE	114	VI / III	04/05/2019	23/06/2019
BE	114	VIII / IV	16/04/2019	22/05/2019
BTech	219	II / I	22/05/2019	23/06/2019
BTech	219	IV / II	20/05/2019	23/06/2019
BTech	219	VI / III	29/04/2019	23/06/2019
BTech	219	VIII / IV	15/04/2019	22/05/2019
ME	401	II/ I	25/05/2019	23/06/2019
<a href="#">View Uploaded File</a>				

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

Internal Assessment is done through three regular assessment tests (IAT1, IAT2 and IAT3) one short answer (2 marks) tests and two model exams. Institute has separate centralized exam cell to conduct these examinations. The question

papers are set to University standards. The valuation of these tests is done with an approved answer key. It is verified by the respective HODs. The performance of the students is reviewed and appropriate remedial actions are initiated. The performance in Assessment tests, the attendance details and the overall progress of the students are conveyed to parents by class coordinators. A meeting with the parents of the slow learning students is convened to provide remedial actions like special coaching, counseling and motivation. To fulfill the Anna University norms, the above mentioned three internal assessment, one two mark test, and two model exams are being conducted. Apart from this to improve the student's performance individual faculty member will conduct class test, assignments, technical quiz, and incorporation of NPTEL content etc. Also encouraging students to do online relevant courses offered by Swayam, MOOC, Coursera, Udemy, edx, Udacity etc.

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

Anna University prescribes the Regulations, Curriculum and Syllabi for all the programs offered in our college. The softcopy of the same is available in the Anna University Website and also in our College Website for access to students, faculty members and other stakeholders. The printed hardcopy of the same is kept in all Departments and Library. Students are given the privilege to select the electives based on their choice. The academic schedule for each semester is provided by the COE, Anna University and it is distributed to all departments. The Principal / Overall Academic Coordinator prepares an Academic Calendar for the college by convening HODs meeting to fix timetable slot, assessment tests schedule and other schedules for the semester, based on the University Academic Calendar. The HODs assign the courses to each faculty member based on the preference and the specialization of individual faculty members. An overall timetable coordinator nominated by the Principal organizes a meeting with all department timetable coordinators to prepare the timetable for all classes in mutual consultation for the allocation of interdepartmental resources, laboratories and library. The prepared timetable is approved by the Principal and the copies are distributed to all faculty members and displayed in notice boards and classes. All other activities of the departments like Industrial visits, In-plant training, Guest lectures, Symposium, Seminars, Conference, Placement and Training and association activities are scheduled to augment teaching learning process. Faculty members prepare course delivery plan based on the Objectives, Syllabus, Outcomes and timetable of the course and deliver lessons accordingly. The coverage of lessons is recorded in a logbook which is monitored by HODs weekly and by the Principal monthly. A course file is maintained for each course with syllabus, lesson plan and notes, question banks and papers, answer keys, sample answer scripts, etc,. A master attendance log is also maintained by class coordinators. Class Committee meetings are convened as per University norms. The Class Committee Chairperson receives feedback on course delivery from students and it is recorded and appropriate corrective actions are taken whenever necessary. In periodical meetings with HODs, the Principal reviews the teaching learning process for effective implementation of the curriculum prescribed by Anna University. Student's attendance and internal marks will be entered in Anna University web portal as stipulated. College has entered each student's attendance, internal marks in the university web portal governed by Controller of Examination, Anna University. Eligible candidates are permitted to write the end semester examination as per university norms. The end semester examinations are conducted by the Anna University. On publication of results by Anna University, the results are analyzed at department level and at college level for identifying ways for continuous improvement.

## 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)

<http://dhaanish.in/curriculum-and-syllabus/>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
103	BE	CE	130	53	40.76
104	BE	CSE	48	20	41.66
105	BE	EEE	39	28	72
106	BE	ECE	54	41	75.92
114	BE	ME	119	100	84.01
219	BTech	PE	62	57	91.93
401	ME	AE	1	0	0
631	MBA	MBA	6	4	66.67

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### 2.7 – Student Satisfaction Survey

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

<http://dhaanish.in/igac-report/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	90	TNSCST	0.22	0.22

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### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Employability skills for the Future	Electrical and Electronics Engineering	17/08/2019
Industrial Automation and its Application	Electrical and Electronics Engineering	04/08/2018
Electrical Engineer Students Association (EESA ) 2K 18	Electrical and Electronics Engineering	19/07/2018

Motivation on Self Improvement	Electrical and Electronics Engineering	07/07/2018
Advanced Well Stimulation Technologies	Petroleum Engineering	15/11/2018
Disaster management and Emergency Planning in Rural development	Petroleum Engineering	28/10/2019
Seminar on career guidance	Computer Science and Engineering	30/06/2018
Introduction to IOT Big Data	Computer Science and Engineering	04/07/2018
Programming in IOT	Computer Science and Engineering	07/07/2018
LIFI Free Internet	Computer Science and Engineering	11/07/2018
Xamirin App Development	Computer Science and Engineering	12/07/2018
Soft skill training	Computer Science and Engineering	20/12/2018
Java Scripts	Computer Science and Engineering	29/12/2018
Awareness of GATE Exam	Electronics and Communication Engineering	31/01/2019
Seminar on Embedded System Design	Electronics and Communication Engineering	16/02/2019
Soft Skill Training	Electronics and Communication Engineering	21/12/2018
Motivation on Self Improvement	Mechanical Engineering	06/07/2018
Workshop on 3D Printing	Mechanical Engineering	16/02/2018
Seminar on Construction Management	Civil Engineering	06/07/2018
Seminar on SPSS	MBA	22/02/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
National Level technical symposium	Mr. M. Mohammed Arief, Mr. R. Riveka, Mr. E. Sabari Charan	RRASE College of Engineering	30/01/2019	Second Prize
Project Expo	Mr. Abdul Baasith, Mr. Syed Ali Najeem, Mr. Oliver Sachin, Mr. Azizul Rashbi	Jeppiar Maamallan Institute of Technology	23/03/2018	First Prize

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
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**3.3 – Research Publications and Awards**

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
23	16	3

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

Name of the Department	Number of PhD's Awarded
NIL	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	3	2.88
International	Computer Science and Engineering	5	1.5
International	Electronics and Communication Engineering	1	0.11
International	Mechanical Engineering	2	2.5
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Engineering	3
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Sentence selection using latent semantic analysis for automatic question generation	Deena, G., Raja, K.	International Journal of Innovative Technology and Exploring Engineering	2019	1	Dhaanish Ahmed College of Engineering	1

in E-learning system						
An advanced dynamic authentic security method for cloud computing	Srinivasan, S., Raja, K.	Advances in Intelligent Systems and Computing	2018	1	Dhaanish Ahmed College of Engineering	1
Analysing the Pattern Discovery for Human Interaction using Semantic Approach	Ramanayagam, S., Raja, K.	International Conference on Current Trends towards Converging Technologies, ICCTCT 2018	2018	0	Dhaanish Ahmed College of Engineering	0

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Closed Loop Decoupling Control of a Computer Server System	Rajasekaran.A, Devanathan.R	Jour of Adv. Research in Dynamical Control Systems	2018	1	2	Dhaanish Ahmed college of engineering

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	47	1	1
Presented papers	24	1	1	1
Resource persons	1	0	0	0

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**3.4 – Extension Activities**

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

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

Blood Donation Camp	Lions Club	10	180
One student One Tree	AICTE - MHRD	10	100
Campus Cleaning	Local Agency	24	250
National Yoga Day	AICTE - MHRD	45	145
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	Government of India	Clean India	50	200
One Student - One tree Programme	AICTE - MHRD	Tree Plantation	10	100
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### 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
NIL	00	NIL	00
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
On job training	PHP MYSQL	Eye Open Technologies	03/12/2018	13/12/2018	17
On job training On job training	Ethical Hacking	Kaashiv InfoTech	12/12/2018	16/12/2018	4
On job training	JAVA	Retech Solutions	06/12/2018	08/12/2018	1
On job	Android	Eye Open	03/12/2018	07/12/2018	8

training	App Development	Technologies			
On job training	IOT Web Development	One Yes Technologies	08/06/2019	23/06/2019	5
Internship	PLC and SCADA	IIITM Kancheepuram	05/07/2018	07/07/2018	2
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Pal Alto Networks	19/02/2019	Training and knowledge transfer in cyber security	6
CADD centre	14/07/2018	Workshop, seminar, design training / Design class	126
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## 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
560	558.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Newly Added
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### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
IMPRESS ERP	Fully	7.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24370	2505031	721	95558	25091	2600589
	5821	960465	227	41995	6048	1002460

Reference Books						
e-Books	70409	295500	10000	19470	80409	314970
Journals	225	450442	45	73849	270	524291
Digital Database	503	2360	503	2360	1006	4720
CD & Video	420	4500	21	315	441	4815
Library Automation	6	89000	1	34900	7	123900
Others(s pecify)	1	50000	1	25000	2	75000

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
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#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	488	12	400	4	1	5	7	50	3
Added	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>488</b>	<b>12</b>	<b>400</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>7</b>	<b>50</b>	<b>3</b>

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
DACE Digital Studio	<a href="https://www.youtube.com/channel/UC1cKLj7ZdHQ6mPr1mmhdMjg">https://www.youtube.com/channel/UC1cKLj7ZdHQ6mPr1mmhdMjg</a>

#### 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
80	77.25	310	305

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)

**Laboratories:** Annual maintenance of existing equipment is carried out by the concerned department. Any new equipment to be added, Head of the department proposes the details with quotations for approval by the Principal and Chairman of the college. **Library:** All the departments put up proposals for additional library facilities, in terms of reference books and text books. The proposals are normally approved by the college. Every department adds new books and new additions. **Sports Complex:** College has one Physical Director in the department of Physical Education. Every year students will participate in the inter-college, zonal, university and national level games conducted by different institutions/ universities. In addition sports and games competitions are held every year on the occasion of college annual day. Prizes and certificates are awarded in the college annual day. Many boys and girls students participate in the competitions. In some events faculty also compete with students. **Computers:** As per norms of AICTE and Anna University, College has sufficient number of computers and accessories. All the laboratories, faculty rooms, library have net facility. College maintains Wifi for entire campus. **Class Rooms:** College has adequate number of class rooms and smart class rooms stated by the norms of AICTE. CCTV cameras are installed in and around the campus and surveillance is monitored. Biometric attendance system is maintained for students and faculties to track their attendance. Main security gate and hostel also equipped with biometric system to supervise the visitors.

<http://dhaanish.in/>

## 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	Tuition Fees Waiver	45	1950000
Financial Support from Other Sources			
a) National	BC/MBC/SC/ST/ Minority Scholarship	580	9117875
b) International	NIL	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Course	27/06/2018	23	CSE /Civil Department Hod
Counseling and mentoring	18/09/2019	78	CSE Civil Department Hod
Soft Skill Development	27/12/2018	54	GUVI
Soft Skill	10/09/2018	403	E square Soft

Development			skill training
Yoga	21/06/2018	116	Internal
Personal Counseling	26/07/2018	246	Mechanical Department Mentors
Language Lab	27/06/2018	177	S and H Department
Bridge Course	04/09/2018	147	S and H Department
Remedial Coaching	26/07/2018	35	Department Staffs
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Competitive Exam Coaching	55	220	0	131
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	5

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
16	189	131	4	36	15
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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
2018	2	BE	Civil Engineering	Annamalai University, SRM institute of Science and Technology	MTech

2018	1	BE	Mechanical Engineering	Hong Kong University of Science and Technology	MS
2018	2	BTECH	Petroleum Engineering	ACTech, Anna University	MTech
2018	1	BTECH	Petroleum Engineering	SRM institute of Science and Technology	MTech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
No file uploaded.	

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

Activity	Level	Number of Participants
FOOTBALL	INTER DEPARTMENT	65
CRICKET	INTER DEPARTMENT	60
TABLE TENNIS	INTER DEPARTMENT	10
Running race(100 m, 200 m)	COLLEGE LEVEL	30
Cricket Tournament	REGIONAL LEVEL	16
Cultural Activity	COLLEGE LEVEL	85
Tech Fest	COLLEGE LEVEL	30
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Thailand Open Fencing Championship 2019	International	1	0	410614104011	FIRDOUSE A
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1. Orientation programmes: On the day of reopening for first year, orientation programme is organized by the college for all the first year students and their parents. They will be address by Chairman, Principal, Dean Academics and Heads



of the Department. Students were sent to the concerned department for orientation programme. 2. Three weeks Induction programme: With the guidelines issued by AICTE recently, a three week special induction programme / Bridge course has been organized for the first year students of 2018-19. Programmes in the areas of Psychology, Culture, Behavioral aspects, Yoga, Sports and games, Personality developments were scheduled continuously for three week. Specialist from important organizations like Vivekananda Yoga centre, Psychologists, etc were invited. Special sessions were arranged for senior students to interact with first year students. This has resulted in very good beginning for the first year students. At the beginning of the semester, a class committee is constituted as per guidelines of the university comprising of six students (Above average, average and below average) and subject handling teachers headed by class committee chairperson to discuss the academic progress of the class. Minimum of three class committee should be conducted per semester in order to ensure the academic progress. 3. Mentoring: The College adopts mentor/ tutor system to look after the learning capabilities of students individually • For 20 students, one faculty is assigned as mentor • Mentor continuously track the mentee attendance details and academic performance • Mentor will assist mentee in selecting open electives, professional electives and career guidance • Mentor will track the mentee sports activities, extracurricular and co-curricular activities 4. Placement and counseling cell: Placement and counseling of college organizes number of activities involving industry specialists to guide the third year and fourth year students to be ready for placement interviews. These involve skill development, personality development, attitude, body language etc. All these programmes have resulted in many students are getting placed by companies. 5. College has committees like grievances Redressal cell, Women grievances cell, Library committee, Sports committee, Cultural committee in which students are involved to plan for various activities. 6. Student council is being headed by the Principal, Dean and the plan of yearly activity will be discussed with students representatives (minimum of three) selected from all the years from all the departments and will be implemented to the all the department. Technology Research Incubation Centre (TRIC) - institutional committee on training and research incubation centre involves the students selected from various departments to develop innovative projects and ideas. A Faculty coordinator is allotted for each department. FAP - Faculty advising programme is conducted on every day one hour to involve students on academic activities like presentation on subject topics, solving problems, and lecture on specific topic delivered by the students for students (S4S), Technical quiz, seminars, mentoring etc. Each department have individual Students association headed by an association coordinator with president, vice president, secretary, executive members, treasures to conduct various departmental technical activities like workshop, guest lecture, seminars, FDP, conference etc.,

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

<http://dhaanish.in/alumnionlineregistration/> Yes. Alumni association of the college has been registered in the year 201819. Every year the students leaving the college automatically become members of alumni. The following are the activities of alumni associate. 1. Alumni association meetings are held once in a year in the campus. 2. Members of Alumni are members in IQAC. 3. Alumni address the third year and fourth year students periodically towards carrier guidance.

5.4.2 – No. of enrolled Alumni:

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

198500

5.4.4 – Meetings/activities organized by Alumni Association :

1. Each department conducted one technical seminar by our alumni
2. Alumni sharing their experience to their juniors on facing interviews
3. Alumni facilitate junior students to do internships / in-plant training in their companies.

## 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)

At the beginning of every academic year various committees are constituted to carryout defined functions related to various academic, co-curricular and extra-curricular activities. These committees will be headed by suitable senior faculty and will have representation from most/all of the departments. Apart from these, need based committees are formed to ensure smooth and successful conduction of various department level and college level functions/celebrations/events. Various college level committees are listed below which includes statutory committees: 1. Anti-ragging committee and Anti-ragging squad 2. Academic Calendar Committee 3. NSS Committee 4. Discipline Committee 5. Time Table Committee 6. NAAC and NBA,ISO Accreditation Committee 7. Sports Committee 8. TRIC Committee 9. Magazine Newsletter Committee 10. Grievance redressal committee 11. YRY Committee 12. Department Development Committee. 13. Impress Activities Committee. 14. AICTE/AU Inspection Committee 15. Exam cell 16. Placement 17. Graduation Day Committee 18. Discipline and Welfare Committee 19. Alumini Incharge 20. Library 21. Committee for SC/ST 22. Minority Cell 23. Internal Complaint Committee 24. OBC Cell As a case study to demonstrate the decentralization and participative management culture followed at the institute, details of the GRADUATION DAY 2018 is furnished below: To execute the plans properly before the event and on the day of the event 13 committees were constituted. i) Reception committee ii) Registration and Distribution of certificate committee iii) Seating arrangement iv) Stage decoration, banner, stage seating v) Disciplinary committee vi) Compering committee vii) Refreshment committee viii) Chief guest Refreshment ix) Logistics for chief guest x) Photo, video, press and advertisement xi) Transport xii) Procession audio and public address system xiii) Robes, files About 800 persons attended the programme. 205 students were graduated and received the rank certificates and degrees. Our chairman declared the graduation day open, Principal of the college to deliver the welcome address and present a report of the activities of the college. The heads of the department presented the graduants. The chief guest Dr. Hisamudin Papa M.B.B.S., M.D., DTCD.Honorary Consulate, The Republic of Maldives, Chennai distributed the degree certificates to the students. The Principal administered the pledge and the candidates taken the pledge. The Principal dissolved the graduation ceremony. All the guests were satisfied with the hospitality and the way the programme was conducted and appreciated the efforts of the institute in making the ceremony a grand success. The successful completion of the programme was realizable through the participative management and decentralization of decision making and team work.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>Anna University prescribes the Regulations, Curriculum and Syllabi for all the programs offered in our college. The softcopy of the same is available in the Anna University Website and also in our College Website for access to students, faculty members and other stakeholders. From 2017 onwards Anna University introduced Choice Based Credit System. Faculty member's disseminating the importance of the CBCS to our students. The printed hardcopy of the same is kept in all Departments and Library. Students are given the privilege to select the electives based on their choice. The academic schedule for each semester is provided by the COE, Anna University and it is distributed to all departments.</p>
Teaching and Learning	<p>Teaching and learning processes are continuously improved according to student's feedback in class committee meeting, conducted twice every semester, which helps every faculty to improve their teaching procedures. We adhere to the academic calendar prepared for that particular year and have a lesson plan in hand before commencing the new semester. Lesson plans are distributed in the form of printed course files. A faculty uses different techniques for improving the students understanding and grasping power. Besides maintaining notes and using only blackboard for teaching as in earlier days, classrooms are provided with LCD Projectors which are used by faculties to enhance their teaching by showing real life examples and hence, making it interesting by focusing on the practical aspects of every topic. We also have well maintained laboratories giving a very good laboratory experience and minimum two faculties are there to assist a batch of 30 students. This helps every student to understand each and every experiment with relation to its practical importance and to maintain record in a better way as a student gets individual attention. In addition to all above, Faculty Advising</p>

Programme (FAP) is implemented every day 8th hour helps to improve their performance. Also, technical seminars for final year students and tutorial classes for all year students are also conducted to improve teacher-student relationship and to back-up average and below average students in academics and personality development. Soft skill and aptitude training are given to improve students communication and analytical skills which are particularly helpful to crack competitive exams like GATE, GRE, IELTS, TOEFL, etc. Content delivery methods: The following are the various other content delivery methods used to deliver the courses: • Lecture with interactive discussions • Lecture with a quiz • Tutorials • Demonstration (Such as model, laboratory, field visit)/ exercises • Group Discussion • Group Assignment/ Projects- Major and Mini • Presentations: Seminars • A synchronous Discussion/and class tests Further, learning resources like Digital Library facility, NPTEL, open source availability are all available for the benefit of students and staff to update their knowledge

**Examination and Evaluation**

- Continuous evaluation through different methods like internal assessment tests, assignments, presentations, projects and end examinations etc.
- Transparency is maintained in internal evaluation process.
- Periodically attendance and assessment marks are entered in Anna University web portal within the time frame given by COE.
- Examination committee to ensure smooth conduct of examinations.
- The practical examination is conducted with internal and external examiners appointed by the COE, Anna University.
- College being affiliated to Anna University, the end semester exam will be conducted by Anna University.
- The evaluation of answer scripts are done by Anna University through central evaluation process and the results will be published within a month frame of time after the last examination of the particular semester/year by Anna University.
- Revaluation and challenge options are given by university to the students to see the photocopy of their answer scripts and proceed further.

<p>Research and Development</p>	<ul style="list-style-type: none"> <li>• Laboratory Infrastructure is continuously updated to meet not only the academic requirements but also research needs.</li> <li>• We have exclusive TRIC- Technology Research Incubation Centre to facilitate the students to do research activities like paper presentation in National and International conferences and journals, Hackathon and funded projects.</li> </ul>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Central library facility is available and also computer facilities available to access e-library. We have membership with N-List, DELNET, CUIC, NPTEL and printed journals, magazines etc., Computers are also power backed up. The overall physical infrastructure is arranged well so as to able to handle by person with disabilities. Big class rooms, separate and sufficient number of toilet blocks, big play grounds, state of art laboratories, gardens inside the campus for the beautification and fully computerized administrative office. Security guards are available for 24 Hrs and 365 days in surrounding area. Peaceful and Healthy environment is available and it is supportive for education. Hostel facilities are exclusively available for girls and boys with AC/Non-AC rooms. ATM centers are available for students inside the college premises.</p>
<p>Human Resource Management</p>	<ul style="list-style-type: none"> <li>• Before commencement of every academic year the faculty and staff requirements are assessed and the vacancies are advertised in leading dailies besides placing the same in the Institution's website. Duly constituted selection committees recruit the faculty and staff.</li> <li>• The faculty and staff requirements are assessed based on the workload as per the AICTE norms.</li> </ul>
<p>Industry Interaction / Collaboration</p>	<p>Departments are encouraged to make their value added courses of study relevant to industry. Industrial visits, lectures by industry experts and domain experts are regularly conducted. Department is constantly in consultation with the industries in Tamil Nadu for the projects. MoUs are signed with various industries to bridge the industry institution gaps. Godrej Skill Development Centre is functioning within the college premises to impart skills in the areas of refrigeration, air conditioning and</p>

	servicing home appliances to our students and outsiders.
Admission of Students	<ul style="list-style-type: none"> <li>The institution has an active website (www.dhaanish.in) which is updated regularly and all the details of the institution are placed on the website.</li> <li>Our college is approved by AICTE and affiliated to Anna University. As per Government of Tamil Nadu 50 percentage Students admission are done through single window system and the remaining 50 percentage students admission are made through Consortium of Self Financing Professional, Arts and Science Colleges in Tamil Nadu. And admission approved by Directorate of Technical Education, Tamilnadu. As like this the lateral entry students admitted into direct second year.</li> </ul>

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

E-governance area	Details
Administration	<p>Staff Login: EDiary and Task list, Monitoring facilities for staffs in institution are to be done with this portal. Staff Academic: Through this portal, new employee's detail, subject allocation details, timetables, work load details are managed. Hostel and Mess: Manage Hostel late attendance, send intimation SMS to concerned parents and authorities are carried out through this portal.</p>
Finance and Accounts	<p>PayRoll: Staff Attendance, Punching Machine Attendance transfer, Salary generation, payslip etc are managed. Billing: Decide and set student yearly fee structure, manage fee collection and balances are managed.</p>
Student Admission and Support	<p>Admission: Through this portal, status of issued applications for current and past Academic years are viewed, complete information about the students etc are managed. Impress Office: To schedule task allocation for users/staffs, student disciplinary activities, general office tasks are managed.</p>
Examination	<p>My Performance: Students personal details, monthly marks, university marks, attendance status etc are viewed and managed through this portal. Online Examination: Online exams are scheduled and performances are evaluated using this portal.</p>

Planning and Development	<p>The college is having e-governance system namely "IMPRESS ERP". Through the e-governance system the following Planning and Development activities are maintained:</p> <p><b>Calendar Activities:</b> Planning the entire semester activities like syllabus, notes preparation etc are carried out using this portal.</p> <p><b>Library:</b> Manage books, resources, circulations, Gate entry monitoring, Stock verification, Remainders, Reports are managed.</p> <p><b>Transport:</b> Manage Routes/Stages and students travellers list, Vehicles and Drivers information, Refuelling information, Expenses Tracking etc are managed.</p>
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### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	S.Ramesh	AI and Deep learning	ISTE	500
2019	Shaik Rasheeda begum	AI and Deep learning	ISTE	500
2019	H.Faheem Nikhat	Introduction To Data Analytics	ISTE	500
2019	Shaik Rasheeda begum	Introduction To Data Analytics	ISTE	500
2019	M.Shadhik	Renewable Energy adopting smart Technologies	ISTE	500
2019	M.Deepak	Renewable Energy adopting smart Technologies	ISTE	500
2018	R.Lalithalakshmi	Smart Material Sensor and Energy Device	ISTE	500
2018	T.Anurada	Smart Material Sensor and Energy Device	ISTE	500
2018	A.K.Ramanathan	Smart Material Sensor and Energy	ISTE	500

2018	A.K.Ramanathan	Device Recent Advancements in Artificial Intelligence and Machine Learning Techniques	ISTE	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP was conducted on NBA Accreditation (ICT01), NITTR, Kolkata	NA	22/04/2019	26/04/2019	17	0
2018	Advanced Well Stimulation Technologies	NA	15/11/2018	15/11/2018	20	0
2018	Disaster Management and Emergency Planning in Rural Development	NA	27/12/2018	28/12/2018	15	0
2019	Advanced Process Control and Instrumentation	NA	07/01/2019	11/01/2019	17	0
2018	Leadership Skills	Leadership Skills	23/11/2018	24/11/2018	13	2
2018	Basic Computer Skills	Basic Computer Skills	07/12/2018	08/12/2018	2	10
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional	Number of teachers who attended	From Date	To date	Duration
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development programme				
Disaster management and emergency planning in rural development	15	27/12/2018	28/12/2018	2
FDP on Mass transfer	2	17/06/2019	22/06/2019	6
Faculty Development Training Programme on Software Engineering at MIT Campus, Chrompet, Chennai	2	09/11/2018	20/11/2018	14
Workshop on AI Deep Learning, Rajalakshmi Engineering College, Thandalam, Chennai	2	16/02/2019	17/02/2019	2
Workshop on AWS Cloud Master at St. Joseph's Institute of Technology, OMR Road, Chennai	1	25/03/2019	25/03/2019	1
Workshop on Marine Cyber Physical System at AMET University, Chennai	2	22/04/2019	23/04/2019	2
Guest Lecture on Awareness of IPR	1	26/04/2019	26/04/2019	1
FOTP on Students Induction Programme By Anna University	3	13/05/2019	15/05/2019	3
FOTP on Students Induction Programme By Anna University	3	10/06/2019	16/06/2019	7
FDP was	17	07/01/2019	11/01/2019	5

conducted on Advanced Process Control and Instrumentation System (ICT11), NITTR, Kolkata				
FDP was conducted on Measurement and Control for Industrial Automation (ICT16), NITTR, Kolkata	22	11/03/2019	15/03/2019	5
Motivational speech about women and women health and self confidence	25	08/03/2019	08/03/2019	1
Two days workshop on Internet of Things	1	29/11/2018	30/11/2018	2
Renewable energy adopting smart technologies	1	01/10/2018	01/10/2018	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	3	0	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Institution provides On Duty Permission/Registration for Teaching staff in order to improvise their Skills -for attending Seminars, Workshops, Symposium, Conference, • Research Work • Provident Fund for Employees • Free Transport • Group insurance • Marriage and maternity leave provided</li> <li>• Medical leave provided</li> <li>• Staff welfare amount sponsored • ISTE Membership Fee ( Provided</li> </ul>	<ul style="list-style-type: none"> <li>• Provident Fund for Employees • Free Transport • Group insurance • Marriage and maternity leave provided</li> <li>• Medical leave provided</li> <li>• Staff welfare amount sponsored • Free Medical Check-Up ( Visiting Doctor )</li> </ul>	<ul style="list-style-type: none"> <li>• Group insurance • Free Medical Check-Up ( Visiting Doctor ) • Travel Assistance for overseas conference participation • Full fee waiver for meritorious students • Fees concession for Siblings • Additional number of library tokens for meritorious students</li> </ul>

) • Free Medical Check-Up  
( Visiting Doctor )

## 6.4 – Financial Management and Resource Mobilization

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

Payments, Receipts and accounting on a daily basis are carried out by the senior Accountant. Every financial transaction is recorded and sent to head of the accounts team on a day to day basis and annual audit is done by a senior accountant from the trust office. At the end of financial year the annual account statement viz. Balance sheet, Receipts Payments, Income Expenditure are forwarded to external statutory auditor for the final verification. The audit of accounts and submission of income tax returns are being carried out regularly each year. Last external auditing was conducted in May 2019. There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and obtaining of approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution/Chairman.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Private Companies, ONGC	101000	Symposium event
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6.4.3 – Total corpus fund generated

800000

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anna University	Yes	Senior Faculty
Administrative	Yes	ISO	Yes	Principal

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

1. Feedback on Student performance 2. Feedback on overall disciplines 3. Support for Industrial Visits, Internships, Projects and Placements

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

1. Organizing communication skills training 2. Soft skills and computer skills training 3. Technical staff to undergo training for new software and equipment.

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

1. Continuous assessments of POs and PSOs based on the results of every student in internal and external examinations. 2. Apart from University syllabus, additionally Employability Enhancement Courses are given to students. 3. Orientation on implementing Outcome Based Education to the entire faculty.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
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 IQAC	Duration From	Duration To	Number of participants
2019	FDP was conducted on NBA Accreditation (ICT01), NITTTR, Kolkata	22/04/2019	22/04/2019	26/04/2019	17
2019	FDP was conducted on Assessment and Evaluation of OBE (ICT04), NITTTR, Kolkata	10/06/2019	10/06/2019	14/06/2019	23
2019	Faculty Development Programme on presentation skills, conducted by ICT academy	01/03/2019	01/03/2019	02/03/2019	25

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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Motivational speech about women and women health and self confidence	08/03/2019	08/03/2019	120	70

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

Percentage of power requirement of the University met by the renewable energy sources

Generating 200 kw through solar panel horizontally kept at Roof top of college terrace. Recycling of waste water for watering plants and landscape development are available. Rainwater Harvesting: Extensive rain water-harvesting activity has been undertaken at various parts of the campus, which results in the

increase of ground water table. The runoff from the terrace of the college building is channelized into three two wells located at two different locations. All the rooftop rainwater outlets drain through a network of pipes linked through chambers and paved concrete pathway take the rainwater to the recharge wells. Layer of bricks filled inside the recharge well ensures proper filtration of water. The rain water is collected to the no of pits located in the campus. That stored water in the recharge wells are used for the drinking purpose by RO method. Stored rain water is purified by the RO plant located in the hostel block. Using surface water instead of groundwater in daily works like washing, watering land like irrigation and gardening, cooking and canteen cores. It is used for the plantation of banana tree beside the hostel in the campus. Green Practices: The college is a beautiful serene campus full of greenery which improves the aesthetics, reduces global warming and green house effects. There is more number of herbs, and trees are planted. They provide shade in summer and acts as windbreaks in winter season. Trees are effective cleansers and remove pollutants from air and soil. Since inception the college has provided transport for faculty and students. This has greatly reduced the usage of private vehicles by students and lowered the carbon footprint of our campus as a whole. The well laid out campus has footpaths for pedestrians and at all blind turns and crossings within the campus. The college is phasing out the use of plastic cups and plastic plates in the cafeteria by using the paper plates and SS plates. To reduce the usage of paper usage of ERP software is used by the college to store all the data's related to student's details, academic activities, lesson planning etc. E-Waste management: The e-waste generated is distinguished as scrap and reusable. Scraps are sold to scrap dealers and reusable components are serviced and used once again. The life cycle of electronic equipment is extended by appropriate maintenance and minor repairs carried out.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	1
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	26/10/2018	1	Health Awareness	Dengue Awareness Program	32
2018	1	1	27/12/2018	2	Disaster Management	Natural calamities and	15

					t	rescue training	
2019	1	1	22/02/2019	1	Blood Donation	Lions Club	55
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct	20/08/2018	College has been implementing from the inception Service rules and code of conduct. These are circulated to all the faculties and students. These rules are approved by Governing Body Council. It gives clear direction to follow code of conduct and punishment for violation. A separate code of conduct is supplied to all the parent and students of indulging in malpractices, misbehaviors and consequent punishment.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
May Day	30/04/2018	30/04/2018	86
National Yoga Day	21/06/2018	21/06/2018	128
Mahathma Gandhi Movie	08/09/2018	08/09/2018	600
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The inmates of the college are very careful to keep the campus plastic free. Various clubs and forums are actively involved in the maintenance of ecological balance in the campus. The initiatives that have been put in place to promote the concept of 'reduce, reuse and recycle' contribute to protect the environment. The institute have the following ecofriendly scenarios. They are • Waste Segregation • Waste Water Recycling • Rainwater Harvesting • C C Cameras • Water Hydrants for fire safety • Sprinklers for landscape and lawns.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

**BEST PRACTICES: TEACHING-LEARNING PRACTICES** BEST PRACTICES 1: Two Mark Test (TMT) To improve the confidence of the student's and to make the student's strong in their understanding of fundamental concepts. 1. Objectives of the Practice • To measure effectiveness of the learning progress and achievement of the student. • To measure student progress towards stated improvement goals and track their academic performance. 2. Intended Outcome • Enhanced performance in

external written examinations. • Provided feedback to the instructors to know what is learned and what is not. 3. The Context Help them perform better in both academic performance and to create the first best impression in the first part of the semester examination following the same in the next sections. 4. The Practice • Our institution has the practice of conducting TMT1 and TMT2 in each semester periodically and also provides preparation hours for studying each subject before the tests. • Question bank will be provided for each of the subjects along with the answers. • Generally, the duration of the tests is for one hour and thirty minutes

**BEST PRACTICES 2: Special study hours for Hostel students**

One of the best practices of the college is to empower overall academic excellence and student's performance. 1. Objectives of the Practice • To monitor and motivate the students in learning and earn better grades in internal and external examinations. • To widen their subject knowledge with relevant guidance and enlighten their doubts with faculty instructors. 2. Intended Outcome • Improved performance of students in internal and external assessments • Fosters an environment of cooperative learning which identifies student's complexity and finds solutions to sustain improvement of the learning system. 3. The Context Students staying in hostel face a temporary detachment from their parents and relations. Hostel Study Hour has great advantages for the students. 4. The Practice • The hours for study are fixed. All the students are to abide by strict discipline. • The Faculty instructors engage hostel students at class rooms. • Individual attention will be provided to each student.

**BEST PRACTICES 3: Faculty Advisory Programme (FAP)**

With the advancement in technology, the teaching learning process and methods have undergone huge changes. Conventional chalk and talk method now finds minimum place in the teaching learning process. The present generation students, especially at college level, expect a different type of approach from the teachers. With an aim to make the teaching methods student friendly, a new approach, namely, FACULTY ADVISORY PROGRAMME (FAP) is introduced in our college as an alternate to conventional classroom teaching, during the last hour of each day. 1. Objectives of the Practice The main objectives of this FAP hour are to: 1. To break the monotony of conventional classroom teaching and encourage participation of students in planning their learning methodology for selected topics 2. To encourage self learning, self development and motivate for the overall development of the students 3. To remove fear amongst the students in expressing themselves and prepare them to face the interviews and the society 4. To inculcate the habit of knowledge sharing amongst the students by encouraging them to address their classmates, juniors and also seniors on specific topics 5. To evolve a new method of learning in a relaxed atmosphere 6. To inculcate the habit of lifelong learning which is becoming inevitable for sustenance and growth in the present day industrial scenario 7. To ensure overall development of the student

2. The Context The contextual features of the FAP hour are listed below: 1. The role of a teacher is simply an observer to facilitate the students to plan and execute the FAP activities. 2. Learning is not restricted to any classroom or a specific place rather, the learning or discussions can take place anywhere in the campus including canteen, playground, etc. 3. Syllabus or topics are not restricted to any predefined document and extends to soft skill and aptitude training which leads to placement, apart from creating awareness on various boundless technical and non-technical topics of interest. 4. For a single class room more than one faculty (usually 2 to 3) will be allotted to facilitate the student activities. 5. This is incorporated as a part of the regular timetable in the last hour (presently 8th hour) from Monday to Friday. 6. Students are given option to choose to participate in an activity planned by other students (peer, senior or junior) or can opt out to complete any backlog work (including record work) or do self learning at library. 3. The Practice Peer Learning-Students for Students (S4S): Many times better and quick learning happens by way of interaction with classmates/seniors (Peers). With this in mind, an hour per week is allotted

exclusively for S4S, wherein, the topics are allotted, planned and delivered by the students. The topics are delivered by their own classmates or by their senior students. In rare cases, even junior students are permitted to address the seniors on chosen topic of his interest. The topics dealt are not restricted to the syllabus. It can also cover topics on emerging technology.

Teacher for Student (T4S): The uniqueness of this method is that a student has no boundaries in choosing a faculty of his choice. Many times it so happens that a student is very comfortable with a particular or a few teachers whereas he finds it difficult to follow with other few. In such cases, the student is allowed to choose a faculty of his choice with whom he can informally discuss any subject of any semester. Also, the selection of faculty can be from other disciplines too, depending on the subject.

Collaborative Learning / Self Learning: Under this approach students of a class are divided into suitable number of groups and one student from each group is designated as group head. The group head will facilitate collaborative learning by involving all the students of the group. This activity aims at enrichment of knowledge and quick learning.

Self Development: Under this category students are encouraged to participate in activities like technical quiz and group discussion which are designed and conducted by the students themselves. The students will also be encouraged to participate in competitions at different levels (like inter college, etc). Students are also encouraged to make power point presentations on topics of their choice, with an aim to improve their presentation skills and also to remove the fear element from their minds in making presentations.

Counseling / Mentoring / Back log clearance: Every week one hour is allotted for these activities. During the hour the students can meet their mentor and discuss about their academic, co-curricular and extra-curricular activities. Apart from this, in cases where special counseling is needed the students will be refer to the student counsellor. In addition to the above, if any student has got back log in completion of assignment or record work or home work, he/she will be permitted to complete such tasks during the hour.

Sports: A sound mind in a sound body is the English translation of a famous quotation by the pre-Socratic Greek philosopher Thales (Miletus, 624 - 546 BC), demonstrating the close links between physical exercise, mental equilibrium and the ability to enjoy life. In line with the above, to ensure that the students are relaxed and at the same time physically fit, an hour is allotted every week for sports, to enable the student to practice any sport of his choice. Students representing the college teams also get time during this hour to practice their game.

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

<http://dhaanish.in/igac-report/>

### 7.3 – Institutional Distinctiveness

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

**VISION:** To establish a World Class institution that is recognized as a Centre of Excellence offering Education and Research in Engineering, Technology and Management with a blend of Social and Moral values to serve the community with a futuristic perspective. **MISSION** To produce eminent engineers and managers with academic excellence in their chosen fields who would be able to take up the challenges in the modern era and fulfill the expectations of the organization they join with moral values and social ethics.

Centre of Excellence - a vision of our college its being achieved through TRIC Technology Incubation Centre. It foster enrich the students and faculty fraternity to carry out their research in the respective field. **TRIC TECHNOLOGY RESEARCH INCUBATION CENTRE** The Research and Development Centre aims to promote basic and



applied research in the field of science and engineering among the students and faculty. The prime objective of the centre is to foster, enrich and encourage the aspiring students and faculty to carry out research in the field of science, engineering and technology. DACE encourage the students to publish articles in journals and keep them updated with the research developments. Every year Project Expo motivates young engineers to explore their innovative ideas. More than 200 projects have been displayed under TRIC and also it paved the way for students to participate in the national level HACKATHON competition conducted by the government of India. DACE Industry Interface accomplishment DACE has also initiated the Industrial Interface in association with Godrej Boyce Group and with the GM Pens India Private Limited. • Godrej Boyce Group Interface with DACE With an aim to endow the youth from suburban and rural areas to enhance their employability with industry demand skills or generate self employment, DACE joined hands with Godrej Boyce, in setting up a skill development centre, first of its kind in Tamil Nadu. This is a distinctive initiative taken by DACE and implemented successfully. On the completion of the courses, certificates will be issued by DACE in association with Godrej Disha. • DACE has soared to its greater heights by involving its management students in skill up gradation program in association with GM Pens India Private Limited a division of Rorito Pens Brand. The students of management department has been conducted a study on Rorito Pens Brand Awareness and Buying Behavior among school students. As an outcome, students have gained enormous practical exposure and knowledge in the marketing domain.

Provide the weblink of the institution

<http://dhaanish.in/vision-mission/>

### **8.Future Plans of Actions for Next Academic Year**

• DACE continuously endeavors to enhance the quality of education through training of Staff and students. • Staffs and students are encouraged to prepare e-content development and video lectures. • Staffs and students are motivated to do online courses via NPTEL, Coursera, edX, Udemy, Swayam, MOOC, GIAN etc., • Students are motivated to participate in Hackathon, Project Expo, Coding Contest, Tech Fest, Inter college co-curricular and extra curricular activities. • DACE has initiated the process for collaborative agreements with Foreign Universities namely University of Petronas, Malaysia and Ajman University, UAE to do Faculty and Student exchange, collaborative research / Publications, Summer / Winter Internship for students etc., • DACE aims to publish more number of research papers in Indexed Journals listed in Web of Sciences, Scopus, UGC listed journals by its students and staff. • DACE proposes to register more number of patents and copy rights in the near future. • To enhance the employability of students in foreign countries, DACE is planning to commence training on foreign languages like Japanese. • With an aim to enhance the placement opportunity and ensure professional skills DACE has initiated steps to set up appropriate centre of excellence in each department.