

SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

DHAANISH AHMED COLLEGE OF ENGINEERING

DHAANISH NAGAR, PADAPPAL,(NEAR TAMBARAM) VANCHUVANCHERI,

CHENNAI - 601 301

601301

www.dhaanish.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Dhaanish Ahmed College of Engineering(DACE), is a minority institution started by Ayanavaram Educational Trust in 2002, with a noble aim of promoting Technical Higher Education. DACE is approved by All India Council for Technical Education (AICTE), New Delhi, and affiliated to Anna University, Chennai. DACE is an ISO 9001:2015 certified institution. Ayanavaram Educational Trust was started in the year 1980 by Philanthropist, ALHAJ K. MOOSA, the Founder and Chairman.

This institute offers 6 under graduate programmes viz. B.E in Electrical & Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Mechanical Engineering, Civil Engineering and B.Tech in Petroleum Engineering. The Institute also offers Post Graduate Programmes viz. M.E in Applied Electronics and Computer Science, in addition to MBA.

This institution is located at Padappai, near Tambaram, South Chennai very close to the Asia's Automobile hub at Oragadam. The Institute is easily accessible from Tambaram Railway station, and Chennai International Airport. It has appealing architecture with green landscape providing good ambiance for learning.

The institution is headed by the Principal with 23 years of vast experience in teaching, research and administration, supported by well qualified and experienced Head of the departments, 157 full time teaching faculties and 107 non teaching and support staffs.

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.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

The institution is certified with ISO 9001:2015.

DACE is located near Oragadam, the biggest Automobile Hub of South Asia, enabling enormous training and placement opportunities for the students.

Being located in the outskirts of Chennai, spread over a wide green land, provides a nice and silent ambience for learning.

The location is well connected to Railway station and International Airport.

Well qualified and committed faculty members with Ph.D/P.G. Qualification with an average experience of over 6 years.

The college has excellent infrastructure to fulfill the academic, experimental, research, co-curricular and extra-curricular requirements of the students.

Consistent Results in University Examinations.

Management motivates students with good academic performance by way of concessions in fees payable by them.

Technology Research Incubation Center(TRIC) provides platform for DACE students to formulate and nurture their research ideas, and motivates and provides all support to participate in regional/national/international conferences/events.

Encourage students to participate in national level challenges like Hackathon Programmes, by way of sponsorship.

The Robotics LAB set up under E-Yantra initiative of IITB jointly with MHRD, provides the base for students of DACE to realize their dreams in Robotics.

Strong linkages with industry through MoUs.

Godrej Boyce Co., has setup its **first Skill Development centre in an Engineering college** at DACE, to provide skill development training in the maintenance and servicing of Home Appliances such as A/C machine, Washing Machine, Refrigerator, etc.

Students' admission, attendance, academic performance, etc are updated in the ERP software namely IMPRESS and are easily monitored.

Regular conduction of Guest Lectures, Seminars, Industrial visits and workshops.

Institutional Weakness

- As the syllabus and curriculum are prescribed by affiliating University, DACE has no flexibility in making timely changes/amendments to keep with the fast changing trends in the technology / industry; however, to some extent this gap is filled by way of offering the value added courses to suit industry needs.
- Being a self-financial Institution, DACE face difficulties in getting research funding.
- Difficulty in getting faculty with appropriate qualification prescribed by university /AICTE for department of Petroleum engineering

Institutional Opportunity

- Minority institution with repute
- Preferred engineering college by NRI parents
- Well planned value added courses/skill development courses of students choice, which meet the expectations of the industry
- Active Alumni connect which adds value to the student standards
- Transformation opportunity for students from rural area into skilled professionals

Institutional Challenge

- Keeping in phase with the rapidly changing technology to enhance the employability of students.
- Minimizing the gap between curriculum outcomes and industrial expectations.
- The general declining trend in the interest and inclination of students towards engineering courses, in view of high competition and decline in job market.
- Mushrooming of new colleges in all parts of INDIA, especially the Private Universities, which attract students, for trivial benefits.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The curriculum for the students is prescribed by Anna University, Chennai. For 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 university. In AY 2017-18, CBCS has been introduced where in the student has a choice to choose interdisciplinary subjects and can also complete the 8th Semester subjects in advance.

To ensure academic flexibility and to provide curriculum enrichment, value added courses are conducted for all the students.

To enable the students to update on the recent developments in industry, guest lectures by eminent persons from industry/research/academia are regularly arranged.

To enhance the employability of the students customized trainings in the area of soft skills, aptitude, communication, personality development, etc., are imparted. In addition to the above, students are given opportunity to update their knowledge through:

- Industrial visits and Educational tours
- In-plant trainings, Internships and Projects
- Workshops and seminars,
- Symposiums and Conferences

Being an ISO certified institution the planning, delivery and evaluation are systematically and periodically monitored through academic reviews. DACE carries out the following activities:

- Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc,
- Effective curriculum delivery through sufficient teaching aids like LCD, video conference, and NPTEL.
- Promoting peer learning through Student for students (S4S)
- Continuous evaluation by conducting internal assessment test, two mark test and model exams
- Academic reviews, result analysis meetings, and corrective/remedial measures

Teaching-learning and Evaluation

Being a minority institution 50% students are admitted through TNEA counseling and the balance 50% through Consortium of SF Professional, Arts and Science colleges in Tamilnadu Rank list, as per prevailing Government policy. Based on the assessment of level of students after admission and the academic background, need based bridge courses are conducted. In addition to the curriculum based learning, students are given opportunities to improve their knowledge and skills through different training programmes. The research incubation wing namely Technology Research Incubation Centre(TRIC) provides platform to nurture the research skills of the students.

To ensure the effective implementation of teaching learning process and its evaluation, the following are practiced at our institute:

- Recruitment of qualified faculties as per the requirements specified by Anna University and AICTE.
- Academic Calendar in line with University Academic Schedule
- Preparation of lesson plans, Time Table as per the Academic Calendar
- Content delivery through conventional Chalk and Talk, Tutorial, Practical Session, ICT enabled techniques, Student for Students, Students seminars, NPTEL, Video Lectures etc.
- Bridge Courses and Special Coaching classes for the weak students.
- Planning and conduction of various academic activities namely internal test, Class test, Two Mark test, Model Exams, Assignments etc ., evaluation and remedial measures.
- Communication to parents through Progress reports and Parent meetings wherever necessary.
- Encourage faculty to attend the FDTP, Conferences, Workshops etc., to ensure continual quality improvement.
- Regular Performance appraisal and feedback.
- Regular and need based mentoring by faculty members/student counselor.

Research, Innovations and Extension

DACE encourages the students to nurture their research initiatives through TRIC, which provides the required guidance and support to the students to participate in various state and national level competitions like HACKATHON. These teams were mentored by faculty members from different departments. Management has provided Rs.75000 grant to the teams.

Four project proposals submitted by students of DACE, under the guidance of faculty members, have been selected for funding of Rs.40,000/- by TNSCST. Every year TRIC encourages the students to submit proposals for project funding.

DACE has arranged guest lectures and seminars on Intellectual Property Rights, to its student and staff to create

awareness on patents and copyrights. DACE has successfully registered for 2 copy rights for its student profile record and LAB manual.

Faculty members of DACE have received many awards of recognition at national and international levels and also have published more than 150 research articles in UGC refereed journals. Faculty members of DACE have published many books with registered ISBN numbers and their research contributions were published in reputed conference proceedings.

Extension activities of DACE includes blood donation camp, tree plantation programme, awareness campaign on dengue, aids, etc.. DACE also regularly conducts awareness and motivation programmes for its women folk, on self hygiene, cancer, working in IT environment etc.

To strengthen institute-industry interaction, DACE has entered into MoU with many companies including Godrej, Infosys, ICT Academy, Adaptavant Technologies, Alpha CAD. Industrial visit, In plant training, Internships, and exchange of resource persons are covered under the MoUs.

Infrastructure and Learning Resources

DACE has excellent infrastructure, constructed over an area of 13,500 sq.mts, having 48 Lecture Halls, 16 ICT enabled class rooms, required Tutorial/Elective rooms, a Central Library, Department Libraries, Accounts and Administrative office, Admission office, Information Centre, Board room, VIP Cabin, HOD's Cabins, and Faculty cabins.

DACE also has a/c Seminar Halls, GD & Interview Rooms, 2 Auditoriums, Placement Cell, R&D Cell (TRIC), and a spacious Examination Cell.

All departments are well equipped with Laboratories with required equipments and machinery. Our central computing facility includes 8 labs with 486 computers and 2 servers supported by 52 Mbps connectivity round the clock.

In addition to that DACE has the following common/support facilities:

Medical room, Prayer/Meditation rooms separately for boys and girls, Visiting doctor and Ambulance facility, Counseling centre, Language Lab. Bank ATM, Courier Service, Reprographics, Stationery store, are available.

DACE has on the campus, separate hostel facilities for boys and girls, with free Wi-Fi and Internet facilities.

The college has various courts/fields for games like Football, Cricket, Badminton, Volley Ball, Throw ball, Basket Ball and Track for athletes, a total of 12,515 sq.mt are available for the sports activities. Two standby power generators with 50 and 82 KVA are available as power backup.

DACE central library has a collection of 30172 volumes of books in 5762 titles and subscribes to 48 National and International Journals . DACE has a well maintained transport facility for the students and staffs.

Student Support and Progression

Meritorious students are supported by DACE by way of fee concessions/waivers. At present 522 students receive benefit under this scheme. College facilitates the eligible students in obtaining various central/state government scholarships like Post Metric, Merit, Community (BC/MBC/SC/ST), Minority Scholarships. DACE also helps students to receive eligible grants from NGOs, SHG, Unorganized Labor associations, etc.,

DACE students participate in zonal level competitions and brought laurels to the institution in the team events fencing, foot ball, cricket, volley ball, table tennis, basket ball etc.

Students have show cased their individual talents in Fencing, Karate, Kick Boxing, track events at University, State, National and International levels and won many prizes.

The Placement and Training Cell plans its activities meticulously every year, to enhance the placement opportunities for students in Core, IT/ITES,MNCs through extensive training. Our students are given opportunities to participate in the TNSLPP, Anna University, in addition to the on campus drives, off campus and pool drives.

DACE has a registered Alumni Association and maintains healthy connect with its alumni. Talents of alumni are well recognized by way of best alumni award, and their experiences are better utilized for the progress of present students by way of guest lecture etc.

Through ABHS support for GATE,CAT,GRE,TOEFL examinations are arranged for the students. Remedial coaching, Career Counseling and Personal Counseling are given to the students.

The institution has a transparent mechanism to redress the issues like ragging cases and sexual harassment. Vocational Education training is given to the students by all the departments.

Governance, Leadership and Management

The Governance of DACE is through strategic planning made by the Governing Council. Discussions are held in the periodical meetings of IQAC, ISO(MRM), and Academic council meetings on the implementation of directions given by the leadership. To ensure uniform and smooth implementation of the initiatives, regular HoDs meetings and Department level Staff meetings are conducted.

As DACE believes in decentralization and participative management, all the activities are effectively carried out by teams and committees set up for the respective task. DACE follows a procedure oriented financial management system.

DACE has a well defined organization structure which describes the roles, authorities and responsibilities of each individual precisely.

Right from admission, the student profile details, their fees details, academic performance, attendance etc are easily updated and maintained in the ERP namely IMPRESS. The software also has provision to maintain data of staff and hostel students.

DACE has a variety of welfare measures for its teaching and non-teaching staff like PF, Medical Leave, Group Health Insurance, Free Transport, etc. Faculty members are provided financial assistance to participate in

workshops, conferences etc and also to acquire additional certifications. Faculty members are sponsored to attend FDPs, seminars, etc., and also to pursue higher studies.

DACE has a well laid performance appraisal system for its employees, to measure and motivate their contributions and talents.

IQAC of DACE is actively involved in the day to day functioning of the college and has introduced several initiatives which lead to incremental quality enhancement in various spheres including academics.

Institutional Values and Best Practices

DACE emphasizes on Research Culture and Skill Development through Industry-Institute collaboration. DACE is engaged in marketing research of G.M. Pens, in promoting the brand 'RORITO PENS'. DACE also promotes skill development programmes under MoU with Companies and already completed few skill development programmes in association with GODREJ.

DACE provides equal opportunity to women in admission, training and placement, Sports, etc to the students and in employment to staff. DACE organizes number of programmes which motivate and develop Girl students and women faculty members. DACE has won prestigious International and National Championship positions in FENCING, by promoting the courage and providing special training to 2 of our girl students.

DACE has an uncompromised academic training methodology by implementing additional study hours for the hostel students to ensure consistent academic performance despite their limitations of coming from Tamil medium and rural places.

Two marks tests have become an important component in the continuous performance evaluation process, which helps the students in better understanding of the subjects.

Personal Mentoring and Counseling is also effectively provided to all students at regular intervals. DACE makes the best use of its location as its advantage, of being nearer to industries, for guest lectures, industrial visit, etc.

DACE is keen in developing the local community by way of priority in admissions, providing free transport at odd hours, distributing saplings, conducting training and awareness programmes.

With an aim to keep clean and hygienic environment, DACE conducts Mass Cleaning Activity, regularly in and around the campus, through NSS volunteers.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DHAANISH AHMED COLLEGE OF ENGINEERING
Address	Dhaanish Nagar, Padappai,(Near Tambaram) Vanchuvancheri, Chennai - 601 301
City	Chennai
State	Tamil Nadu
Pin	601301
Website	www.dhaanish.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	K. RAJA	044-71736800	9444280137	044-7173682 3	dacenaac@dhaanishcollege.in
Professor	A. SARAVA NAN	044-71736805	8608663430	044-7173681 7	eeehod@dhaanishcollege.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes
If Yes, Specify minority status	
Religious	Muslim
Linguistic	
Any Other	

Establishment Details				
Date of establishment of the college	02-07-2002			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Tamil Nadu	Anna University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dhaanish Nagar, Padappai,(Near Tambaram) Vanchuvancheri, Chennai - 601 301	Rural	10.36	13247

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Electronics And Communication Engineering	48	Pass in HSc or Senior Secondary School or Diploma from recognized Board or equivalent	English	120	34
UG	BE,Computer Science And Engineering	48	Pass in Hsc or senior secondary school or diploma from recognized board or equivalent	English	120	45
UG	BE,Electrical And Electronics Engineering	48	Pass in Hsc or senior secondary school or diploma from recognized board or equivalent	English	60	16
UG	BE,Mechanical Engineering	48	Pass in Hsc or senior secondary school or diploma from recognized board or equivalent	English	120	55
UG	BE,Civil Engineering	48	Pass in Hsc or senior secondary school or	English	120	29

			diploma from recognized board or equivalent			
UG	BTech,Petroleum Engineering	48	Pass in Hsc or senior secondary school or diploma from recognized board or equivalent	English	60	25
PG	ME,Electronics And Communication Engineering	24	B.E or B.Tech	English	18	0
PG	ME,Computer Science And Engineering	24	B.E or B.Tech	English	18	0
PG	MBA,Master Of Business Administration	24	BA Bcom BBA	English	60	20

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	9				11				137			
Recruited	9	0	0	9	7	4	0	11	73	64	0	137
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	9				11				137			
Recruited	9	0	0	9	7	4	0	11	73	64	0	137
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				83
Recruited	55	28	0	83
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				83
Recruited	55	28	0	83
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				24
Recruited	18	6	0	24
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	18	6	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	0	0	1	1	0	0	0	0	10
M.Phil.	0	0	0	0	0	0	15	20	0	35
PG	0	0	0	0	0	0	63	49	0	112

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	188	8	0	0	196
	Female	29	0	0	0	29
	Others	0	0	0	0	0
PG	Male	10	0	0	0	10
	Female	10	0	0	0	10
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	10	12	23	32
	Female	2	4	3	14
	Others	0	0	0	0
ST	Male	1	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	159	147	148	197
	Female	45	52	40	103
	Others	0	0	0	0
General	Male	4	3	6	8
	Female	2	2	3	4
	Others	0	0	0	0
Others	Male	203	179	130	152
	Female	28	35	22	34
	Others	0	0	0	0
Total		454	434	375	544

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response : 755

Number of self-financed Programs offered by college

Response : 9

Number of new programmes introduced in the college during the last five years

Response : 1

3.2 Students

Number of students year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1345	1597	1610	1696	1773

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
465	435	404	374	493

Number of outgoing / final year students year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
326	458	449	484	408

Total number of outgoing / final year students

Response : 2125

3.3 Teachers

Number of teachers year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
157	165	168	147	138

Number of full time teachers year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
157	165	168	147	138

Number of sanctioned posts year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
168	171	168	148	138

Total experience of full-time teachers**Response : 902.3****Number of teachers recognized as guides during the last five years****Response : 4****Number of full time teachers worked in the institution during the last 5 years****Response : 376****3.4 Institution****Total number of classrooms and seminar halls****Response : 48****Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
645.33	648.69	681.13	717.83	555.12

Number of computers

Response : 486

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.61

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.3

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

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 inter-departmental 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.

Internal Assessment is done through three regular assessment tests (IAT1, IAT2 and IAT3); two short-answer (2 marks) tests and two model exams. 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.

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.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 52

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
14	11	9	8	10

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 40

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	12	12	6	20

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years	
Response: 31.52	
1.2.1.1 How many new courses are introduced within the last five years	
Response: 238	
File Description	Document
Details of the new courses introduced	View Document
Any additional information	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented	
Response: 100	
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.	
Response: 9	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years
--

Response: 25.57

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
319	441	438	477	376

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

Institution integrates cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum:

As an affiliated college, the curriculum & syllabi of Anna University is adopted which has its inherent focus towards the cross-cutting issues like Gender equity, Environment & Sustainability, Human Values and Professional Ethics through the following courses across all programs being offered:

- Environmental Science and Engineering
- Environmental Engineering I
- Environmental Engineering II
- Environmental Engineering Laboratory
- Water Resources and Irrigation Engineering
- Groundwater Engineering
- Water Resources Systems Analysis
- Renewable Sources of Energy
- Environmental Impact Assessment
- Industrial Waste Management
- Air Pollution Management
- Municipal Solid Waste Management
- Disaster Management
- Human Rights
- Earthquake Geotechnical Engineering
- Professional Ethics in Engineering

Moreover, the vision of Dhaanish Ahmed College of Engineering is 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. Therefore, apart from the above Curriculum based coverage and awareness on these cross-cutting issues the college ensures the same through various initiatives detailed below.

For Gender Equity:

Institution provides all necessary facilities to both the genders in terms of admission, training programmes, sports activities, employment etc. It has given opportunities to both boys and girls student to prove their talents in various co-curricular and extracurricular activities such as paper presentation, technical quiz, workshop and various non technical events. A separate Women’s prayer hall is provided which can accommodate 200 persons. Empowering Women in Information Technology Programme was held on 26.09.16.

Events on Gender Equity:

Year	Title of the programme	Date
2016-2017	Health check up awareness for Ladies	27.03.2017
2016-2017	Women's Day	08.03.2017
2015-2016	Basic computer skills training program	11.01.2016
2015-2016	Women's Day	08.03.2016
2014-2015	Women's Day	06.03.2015
2014-2015	CSI Golden Tech-Bridge programme	09.08.2014
2013-2014	Women's Day	07.03.2014

Environment and Sustainability:

Activities like Guest lectures on environment and sustainability, tree planting, rainwater harvesting, reverse osmosis plant for drinking water and solar energy initiatives, and awareness programs on green initiatives by NSS volunteers have been organized over the past five years.

Human Values & Professional Ethics:

An Eye Testing Camp was organized by An-Noor Eye Hospital on 06.06.2017. Non-Governmental Organization (NGO) meeting was held on 18.03.2017. AIDS Awareness program was organized on 27.07.2013 by the RRC unit of DACE.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last

five years

Response: 60

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 60

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 34.35

1.3.3.1 Number of students undertaking field projects or internships

Response: 462

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Any additional information	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.91

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8	12	20	8	26

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 54.02

2.1.2.1 Number of students admitted year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
224	435	409	345	515

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
696	696	792	732	672

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 49.22

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
116	210	200	199	346

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

- The Institute organizes special programs for the students after admission into the college, to (i) bridge the gap in prerequisites and (ii) address the varied need of the slow learners and advanced learners.
- Being minority institution 50% of admissions are done through TNEA (Tamilnadu Engineering Admission) by single window system of Anna University. The remaining 50% of the students are selected on merit basis through Consortium of Private Professional Engineering College under the direction of Government of Tamil Nadu.
- The students are from various parts of our nation including Bihar, Uttar Pradesh, Union Territory of Andaman Nicobar Island etc reflect the National commitment to diversity.
- Students enter into the institute from three different school streams viz., State board (vernacular and English medium), CBSE and ICSE. Their level of knowledge in key subjects and their assessment in school also varies widely.
- Some students join the institute with Biology background without knowing the computer fundamentals. So the gaps in the entry level due to the above differences are filled by conducting bridge courses for the subjects, viz. English, Mathematics and computer fundamentals to enrich the knowledge and skills of the students as soon as they are admitted.
- Institute conducts three Internal Assessment Tests, two 2 mark tests and two model examination to evaluate the performance of the students.
- With reference to the marks obtained in the University examination and student's interest in co curricular activities, advanced learners are identified and they are issued with University library card to access the University library to enhance their knowledge.

- For the advance learners Institute is organizing TRIC (Technology Research Incubation Centre) program, motivate the students to take seminars on recent Inventions in their respective field Student for Student [S for S], etc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Response: 8.57

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

- The Institute stresses the point “AIM FOR ACADEMIC EXCELLENCE ACHIEVE FIRST CLASS WITH DISTINCTION”.
- To inculcate experimental learning and problem solving methodologies, bright students are shortlisted from each department and they become the members of TRIC (Technology Research Incubation Centre).
- Students are participating in the inter college, State level, National level competition like Hackathon by AICTE, Learnathan by ICT academy, IIT’s, Anna University ,etc.
- In order to improve the experimental learning, the college organizes mini project exhibition,

symposiums, conferences, etc.

- The students are also encouraged to attend symposia, conferences, workshops and seminars at various Institutions.
- Students are encouraged to get hands on training in the fabrication of one or more components of a complete working model, which is designed by them.
- Students are given assignments and seminars on peripheral subjects. They are given preference to use the laboratory. They are encouraged to publish research papers and encourage undertaking research projects.
- To motivate participative learning, the Institute practices a methodology named Students for Students (S4S). Under this initiative, students are identified and allowed simple/moderate topics, which they discuss and explain to their peers. This enables quick and easy learning of concepts by students.
- The College arranges the Industrial Visits to various industries/Govt. establishments for students to enhance their practical learning and conduct guest lecture program for the students by Industry eminent persons and Academica.
- The institution supports the students with lot of facilities like DELNET, e- learning, e- books, and centralized library with latest edition of books, online journals, magazines etc. to augment the knowledge gained in class rooms.
- The college has computerized central library and equipped with facilities and resources in the form of books, printed and electronic journals, online data bases, project reports etc. Open access system is followed to access the books and journals. Our library has NPTEL materials uploaded by IITs under Digital content facility.
- The institute has Wi-Fi internet connectivity throughout the campus which helps the students to gain knowledge beyond the syllabus.
- Training and Placement Cell is organizing personality development programmes, aptitude classes, etc. for the development of students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 78.34

2.3.2.1 Number of teachers using ICT

Response: 123

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 8.57

2.3.3.1 Number of mentors

Response: 157

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

- The institute has ICT enabled class rooms and smart class rooms with Wi-Fi and internet facility are used for teaching purpose.
- Faculties prepare PPT's for their subject topics and relevant video's, NPTEL lectures about current scenario and latest trends etc., are discussed and displayed during the course time to enhance the student knowledge.
- To motivate participative learning, the Institute practices a methodology named Students for Students (S4S). Under this initiative, students are identified and allowed simple/moderate topics, which they discuss and explain to their peers. This enables quick and easy learning of concepts by students.
- Students are stimulated to take seminars in their subjects and recent trends in industries.
- Students are also encouraged to participate and present the papers in various workshops, conferences and symposium to attain more knowledge in recent trends.
- Faculty members prepare lesson plan for their subjects during the beginning of the course.
- Faculty members are encouraged to publish more papers in reputed journals, which help them to keep themselves updated.
- Faculty members are also encouraged to participate in FDTP to know the latest development in their respective subjects so that the knowledge acquisition gained from the program will be transferred to the students.
- The staff members conduct group discussion, quiz programs and tutorial to ensure interactive teaching learning.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years	
Response: 97.85	
File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years											
Response: 4.33											
2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years											
<table border="1"> <thead> <tr> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>8</td> <td>7</td> <td>6</td> <td>3</td> </tr> </tbody> </table>	2016-17	2015-16	2014-15	2013-14	2012-13	10	8	7	6	3	
2016-17	2015-16	2014-15	2013-14	2012-13							
10	8	7	6	3							
File Description	Document										
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document										
Any additional information	View Document										

2.4.3 Teaching experience per full time teacher in number of years	
Response: 5.75	
File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 5.81

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	1	0	4	2

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 2.75

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	5	5	4	3

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

- Based on the Academic calendar, the Institute conducts class test, Internal Assessment tests (3),2 Mark tests (2) and Model examinations (2) to evaluate the students.
- Institute has separate centralized exam cell to conduct these examinations. The exam cell is headed

by chief exam coordinator supported by department exam cell coordinators, to take care of all activities.

- The exam cell prepares exam schedule, the staff duty list, seating plan, etc.
- Faculty members prepare 2 sets of question papers as per the format given by the exam cell, from time to time. Out of these two sets of question paper any one set is selected by the chief exam cell coordinator, randomly.
- Once the exams are over answer scripts are evaluated in the exam cell by the concern faculty members within 2 days of completion of examination
- Evaluated answer scripts are given to the students for verification and total checking. While distributing the evaluated answer scripts, the answer key/ scheme of evaluation is discussed in the class. Students are given a fair chance to appeal on any discrepancy in the valuation. Students are awarded additional/missing marks (if any) if the appeal is valid.
- The assessment marks are entered in the logbook of concerned subjects and also in the centralized software called IMPRESS so that any time it can be viewed by the student/faculty/Hod/Dean/Principal at any time.
- Class test is conducted during the first hour of weekdays and question paper is prepared for 25 marks, which aims in providing practice to the student,
- At present, there are three Internal Assessment tests, each carry 50 marks with the duration of 90 minutes.
- There are two model examination each carry 100 marks with the duration of 3 hrs.
- On realizing the need to secure maximum marks in part A in the University examination, 2 marks tests were introduced during academic year 2016-17. They carry 50 marks with the duration of 90 minutes.
- From this semester based on the University exam results analysis the students were categorized into three categories viz., A, B and C. The faculty members are advised to prepare two set of question paper, one set with high standard and another one with moderate standard to fulfill the curriculum and make the students to face the university exam with ease

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

- Based on CoE (Controller of examination, Anna University) Academic and Assessment Schedule, the college academic calendar is prepared. As per the academic calendar the internal assessment test (IAT) will conducted at regular interval of time. Timetable of the Class test, IAT and Model exam is displayed in the department notice board and also circulated to students.
- The institute conducts the IAT with a mixture of categories like class test for 45 min with 25 marks, Unit test for 90 min with 50 marks and model exam for 3 hrs with 100 marks
- The marks obtained by the students in the IAT were displayed in the department notice board and the same will be noted in the log book of the individual faculty and in the student profile.

- The hard copy of the progress report has been sent to individual parents by post.
- Slow learners are permitted to improve their marks by undertaking remedial test in the concerned subjects. All such modifications will be displayed in the department notice boards for student reference.
- Marks and attendance are updated in ERP (IMPRESS) and every student has access to the same. Periodically (4 time in a semester), the attendance and marks are updated in the Anna University Portal, which is accessible by the students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

- Institute has a mechanism for Compliants and grievance redressal for student's examination related grievances both in internal assessment test and University examinations.
- After the publication of the result of University examinations, if any student is not convinced the marks awarded by the University, he/she can approach the exam cell in the Institute through Head of the department and Principal for applying for photocopy of answer scripts.
- After reviewing the photocopy of answer scripts if the student deserves more marks he/she can apply for reevaluation of that particular subject, with the concurrence of concerned subject handling faculty/HoD/Principal.
- After the publication of the reevaluation result, if any student is still not satisfied with the result he /she can apply for valuation Challenge for that particular subject with the concurrence of subject handling staff/HoD/Principal.
- For awarding the internal marks for the students, there are four entries for attendance and three entries for internal assessment marks for the theory paper, and one entry for the practical paper (attendance and internal assessment marks) in the Anna University web portal.
- After verification by the HOD, AC and Principal, the internal marks are entered in the Anna University web portal. The dates of entry are scheduled by Anna University at the beginning of the each semester.
- University practical time table is prepared based on the slot given by Anna University

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

- College adheres to the academic calendar followed by the Anna University. Based on the calendar provided by Anna University, the college prepares an academic schedule. The schedule is prepared by committee comprising of Principal, AC and HoD's well in advance before the commencement of the semester. The calendar provides details on the semester class work schedule, internal assessment test schedule, model examination schedule, two marks test schedule, model practical exam schedule, commencement of end semester practical and theory examinations, web portal entry attendance calculation period, web portal entry schedule, various events to be conducted , number of working days and list of holidays.
- After preparing the academic calendar, it is circulated to all Hod's before the commencement of classes to carry out the all the activities as per the academic calendar schedule.
- Apart from that each and every faculty members prepare the course file for their respective subjects allotted to him/her well in advance. This course file consists of student name list, time table, syllabus, lesson plan, two mark questions with answers, Part-B question bank, internal assessment exam mark statements, previous year University exam question papers, sample answer sheet of internal assessment tests, logbook, etc.
- The logbook consists of Syllabus, Timetable, department Vision, Mission, PEO's, PO's, CO's, mapping between Department Vision, Mission, PEO's, PO's CO's, Curriculum gap identification, coverage of beyond the syllabus, detailed student attendance, record of class work,internal assessment mark entries, etc.
- Lesson plan is prepared by the faculty members for their allotted subjects before the commencement of classes. It consists of detailed schedule requirement of hours to finish the each and every topic in the syllabus which is used the faculty to enable the class effectively.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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 on website and communicated to teachers and students****Response:**

The college follows the curriculum and syllabus given by the Anna University. The curriculum itself gives the programme outcome for various programmes and generalized outcome of the individual courses. The college vision and mission was framed to satisfy the programme outcome to fulfill the society needs and it is displayed in the college website, prospectus and faculty logbook. Department vision and mission was mapped with the vision of the college. The college vision and mission are displayed throughout the campus. The generalized PO's PEO's and CO's is detailed in logbook of the individual faulty member. The attainment of the program outcome and course outcome is evaluated through the University exams and

continuous internal assessments conducted by the institution.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Programme outcome is measured from the end result of the programme. For University affiliated Colleges, University will conduct a common exam for individual courses, the result of the exam will be awarded with grades. The average grades at the end of the programme will be the measuring factor to decide the PO attainment level. Course outcomes attainment of the students will be evaluated after the completion of each course based on knowledge, skill, presentation and involvement in their course. Course attainment level of the individual can be measured through internal assessment tests conducted by the institution. During the course time university affiliated colleges will conduct internal assessment exams at regular interval of time. The exam papers were evaluated and the marks will be uploaded in ERP software/Anna University portal. After completion of all exams the performance of the individuals will be analyzed to decide the attainment level.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Response: 73.98

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1572

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 2125

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 4	
File Description	Document
Database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 1.35

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.75	0.20	0.0	0.40	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 2.55

3.1.2.1 Number of teachers recognised as research guides

Response: 4

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.04

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 3	
File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

TECHNOLOGY RESEARCH INCUBATION CENTRE

Technology Research Incubation Centre (TRIC) of DACE is the initiative to meet the need of today's fastest growing demand in the area of technical and research knowledge among students. The objective of the TRIC is to create physical infrastructure and support systems necessary to incubate research activities in students. It is an endeavor, not only for its members but also for all the students who desire to have a better professional Career. This shall help students grow positive attitude towards Research & Development and help them to carryout innovative projects. It also provides the services such as internet access and also facilitate networking with professional resources, which include mentors, experts, consultants and advisors for the students and faculty members. It promotes and facilitate knowledge creation, innovation and entrepreneurship activities.

Professors with research experience are deputed as coordinators for the TRIC and also they act as mentors for the students. It currently consists of 96 qualified student members who is directed by the TRIC Coordinators and are encouraged to participate in research activities and also various activities like symposiums, project contests, workshops, conferences etc. TRIC works in collaboration with experts from industry, Alumni, faculty and the student's committee. The institute will provide all the basic infrastructural support i.e. meeting room, platform to do networking, management assistance other support services specific to incubators. It takes responsibility for broadening up the link between student and alumni and also development of projects for the problems associated with industries. TRIC students has done a project on E- Commerce website and officially launched on its inauguration day. And also, it paved the way for students to participate in the national level AICTE hackathon competition.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 5

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	0	0

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	View Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 0.5

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 2

File Description	Document
URL to the research page on HEI web site	View Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.96

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
31	32	34	35	17

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.4

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	9	17	19	7

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

With an aim to mould the students as responsible citizens with social awareness, DACE always motivates their social participation and also drives to achieve its goal of providing higher technical education to create equitable society with ethical values. To provide quality based education to the students by inculcating moral values, DACE continues to inculcate scientific temper and equip them with skills needed to employ state of art technologies.

Institution-neighborhood-community network:

As a part of the extension activities which emphasizes community services, DACE through its N.S.S. and YRC wings provides free medical aid, conducts Blood donation camp and Environmental awareness Programmes to the people in the neighborhood villages.

Student's involvement in research activities:

DACE always motivate our students to do innovative projects which solve social problems and meeting the essential needs. Many of the student projects have been submitted to TNSTSC. Our students have participated in Hackathon- 2017 organized by AICTE across India and three batches of our students provide the solution for social issues in various disciplines along with a team of Faculty members. Management motivates those students by funding those students with a cash award of Rs.25000 each. The involvement of the students in such activities results in enhancement of their research skills and contributes to their role as a good citizen of our country.

Services provided by the Students of DACE:

- Student members of NSS unit have taken part in activities like blood donation camp, Eye Check up,

Campus Cleaning and Tree Plantation.

- Blood donation camps are regularly conducted in collaboration with Lions Club and RRC. Students of DACE actively and voluntarily participate in such camps.
- Our students were also involved in creating the awareness Programmes such as Dengue, AIDS etc. Institution organizes need based health and family welfare awareness programme in nearby village and distributed Nelavembu Kasaayam in order to prevent fever like Dengue. A large number of lives have been touched through the various events organised by the Institute since its establishment targeting from economically deprived people in the neighbourhood.
- Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the students.

The student community is benefitted by implementing the government reservation schemes and offering scholarships for both merit and economic basis. DACE aims to pursue excellence towards creating students with high degree of intellectual, professional and cultural values to meet the national and global challenges.

The institute is conscious of its role in campus community connection, wellbeing of its neighborhood and initiates number of community development activities.

Young Ramanujam Contest in Mathematics level for 12th students has been conducted by our institution every year, across the State and the awards are given to the meritorious students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 11

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	0	01	05	03

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 20

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	7	4	2	2

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 30.38

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
620	603	489	400	250

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 181

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
38	37	50	37	19

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 13

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	3	5	0

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

About College

Dhaanish Ahmed College of Engineering was started in the year 2002 with three UG programs (CSE, ECE & EEE) by Ayanavaram Educational Trust by our Founder Chairman Alhaj K.Moosa with a noble aim of promoting social and technical higher education. At present, the institute is offering 6 UG and 3 PG programmes.

Classrooms and Seminar Halls

The institute meets the physical infrastructure as per norms of AICTE / Anna University requirements. Overall, the college has 48 classrooms/Tutorial Rooms, 32 spacious laboratories to cater to the six UG and three PG programs. Modern laboratories are established in the institution for the conduct of regular practical classes. The Institute has improved the teaching-learning process with contemporary aids and created **16 ICT Enabled** rooms with LAN/Wi-Fi facility, LCD projectors etc, The smart class rooms and seminar halls are used to conduct seminars, workshops, symposiums and etc.

Computing & ICT Facilities

The institution has internet facility with 52 Mbps speed from two service providers. The institution is equipped with modern computing facilities with 486 computers and 2 servers with specialized software, with LAN/Wi-Fi connection. Students have access to these systems both to meet the academic requirements and also to pursue their research interest / projects.

Training & Placement Cell

Training and Placement Cell, functions throughout the year towards generating placement opportunities through appropriate training for all the students to achieve 100% placement in the on/off campus selection. The placement cell coordinates quite well with the corporate sector and provides need based training to the students to facilitate the placement.

Library

The college has an automated library with 30172 volumes of books for different disciplines to provide an effective learning resource to the students and staff. It also has numerous International and National journals to cater to the research needs. The library also has a separate section viz ABHS to provide guidance to students who aspire to pursue higher studies. Library also has an Audio-visual and recording facilities.

Generator

Two standby power generators with 50 and 82 KVA are available in the campus to take care of the occasional power interruptions and shut down.

Transport

The College is located on Vandalur – Oragadam state highway and easily accessible from Tambaram Railway Station and Chennai Airport by the state operated transport service .In addition, 25 buses are operated to the needs of both students and staff, which covers most of the areas in and around Chennai to reach the college in time.

Bank and ATM

Bank of Baroda ATM Service is sited within the campus to ensure easy access to cash transaction facility for the students and Staff.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities

Response:

Sports and Games

The institute provides excellent facilities for sports and games. The college has various courts/fields for games like Football, Cricket, Badminton, Volley Ball, Throw ball, Basket Ball and Track for athletes, a total of 12,515 sq.mt. are available for the sports activities. The college has indoor sports facilities for Table Tennis, Chess, and Carram. Our college students have participated and won prizes in District, Zonal,University, National and International level.

Cultural Activities

Cultural Activities are conducted in our college to encourage the student's multi -talents in various aspects, apart from academics. During the cultural fest, talents of the students are exhibited through on-stage and off-stage events like Singing, Mime, Essay Writing, Vegetable Carving, Rangoli, Pot painting, Collage, Face painting, etc. Through healthy competition, incredible performance of the students from various disciplines is recognized on that special occasion.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 33.33

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 16

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 70.48

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
448.54	433.00	468.13	519.34	416.66

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Our College Library is automated with IMPRESS software purchased from Dolphin Software Solutions, an Integrated Library Management Software (ILMS) to facilitate the needs of the staff and students. Our Library subscribes to 48 National and International Journals. In general, our library has uploaded 30172 volumes of books in 5762 titles on different disciplines like Engineering, Management, Technology and Science & Humanities in the software.

The software consists of 6 modules:

1 Basic Setup (Database Management & Cataloguing)

This module allows creating, update/edit and maintaining the following databases.

Publisher details, Periodicity, Vendor details, Non-book materials / CD, Preferences, etc.

Journal- Issues, Articles

Members, Departments, Courses, Groups

E-Books - Digital Content

2 Resources

This module is designed to manage books by creating database and also used to search availability of books and advance booking / renewal, etc.

3 Transaction

This module is designed for all types of counter transactions

Issue/Renewal /Return/Recall

Reminders/Overdue receipt/No-due certificate

4 Online Public Access Catalogue (OPAC)

This module is designed to search book, Non book material , periodicals and back volumes through Author / Accession number / Publisher / Title / Subject name

5 Report Management

This module is designed to generate report and print the generated reports. All types of Statistics / reports can be generated in terms of day wise issue / return, renewal, overdue and entry gate.

6 Admin (Member)

This module allows to:

Create user log-in, password for staff and students

Maintain database and update database

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Our college library has the practice of collecting and maintaining rare books and other knowledge resources to the benefit of students and faculty members for their knowledge enhancement and their research activities. Overall, our library has a collection of 386 rare books, including special reports and knowledge resources for Reference, Higher Studies, Career Development, Project and Research purposes.

A separate reference section viz ABHS in the library with the collection of books for GATE, GRE, TOFEL, IELTS, Competitive Exams books for higher studies. Apart from this, it also provides other knowledge resources like E-Learning videos from National Programme on Technology Enhanced Learning (NPTEL) and Open resources from National and International journals, Mind Relaxing Videos, etc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 6.76

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
4.18	10.3	15.07	2.5	1.75

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 12.38

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 186

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Our college has 486 computers and 2 servers with necessary software packages as per the syllabus prescribed by Anna University. The institute upgrades the software packages currently being used in the industry to make the students, industry ready. A separate team Computer Maintenance Cell (CMC) framed to take care of the IT related needs of the campus such as hardware and networking, E-mail & SMS solutions, College Website updation etc.

Updations in IT and Wi-Fi Facilities are mentioned below :

S.No	Server / Node	Configuration	Year upgradation
1.	Nodes	Acer Veriton (Intel i5 , 8GB, Western Digital HDD 1TB, Monitor 19.5, Acer Mouse PS2, Acer Keyboard PS2)	2015
1.	Nodes	Acer Veriton (Intel Dual Core, 4GB, Western Digital HDD 500GB, Monitor 18.5, Acer Mouse PS2, Acer Keyboard PS2)	2015
1.	Nodes	Acer (Intel Pentium, 4GB, WD 500GB, Acer Monitor 18.5, Acer Mouse PS2, Acer Keyboard PS2)	2015

Wi-fi access points were installed in various locations also the Wi-Fi access points are updated constantly during regular intervals as and when required

Location	Brand	Updated in
Hostel	TP-Link 2.4 GHz	2014
College	Belkin 2.4 GHz	2015

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 2.77

File Description	Document
Student - Computer ratio	View Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 70.42

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
448	433	468	519	416

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc

The physical facilities like Classrooms, Laboratories, Library and Sports Complex are made available for all the students admitted to the college. Classrooms and laboratories are maintained and cleaned daily by House Keeping department. The electrical and plumbing works have been maintained by Electricians and Plumbers. Lab equipments are serviced by manufacturers and service personnel during summer / winter vacations. Stock register is also maintained regularly.

Computers

The college has an adequate number of the computers with 52 Mbps internet connections and the necessary software's are installed for different locations like office, laboratories, library and departments. Computers

are maintained by Computer Maintenance Cell (CMC) ensures the proper use of the computers and IT equipments which are handled with care by them.

Library

The working hours of the library is from 8.30 a.m to 5.00 p.m on all working days. Maintenance activities are carried out periodically to keep library clean and usable. The activities like fumigation, preservation of books from insects, dusting and shelving of reading materials on regular basis are done by the library assistants with the help of housekeeping staff.

Sports Activities

The college always keeps the play field / courts clean and in good condition during the tournaments and sports day celebrations. The Physical Education Director control the sports equipments like ball, bat, net etc., provided to the students and maintains the stock.

Power Supply and Electrical Maintenance

Power supply is maintained by our electricians and electricity is supplied by electricity board / gensets for 24hours. Two generators (82 KVA and 50 KVA) are available in the campus to handle the occasional power shut down.

Green Campus

The volunteers of NSS and YRC do activities for maintaining college campus as clean by organizing Mass Cleaning Day in regular intervals and organizing Tree Plantation camp for maintaining the campus clean and green.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 62.92

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
701	910	1143	1163	1169

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 13.46

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
236	239	217	215	153

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 39.51

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
506	565	693	693	721

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 38.36

5.1.5.1 Number of students attending VET year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
544	725	936	409	420

File Description	Document
Details of the students benefited by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document
Any additional information	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 47.4

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
179	292	252	199	86

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 0.92

5.2.2.1 Number of outgoing students progressing to higher education

Response: 3

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 12.06

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	8	7	3	2

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
23	38	32	27	32

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

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) during the last five years.

Response: 25

5.3.1.1 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-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	7	7	6	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

College creates a platform for the active participation of the students in the various academic & administrative bodies including other activities like sports, cultural, symposium etc. This empowers the students in gaining leadership qualities, team playing, following rules, regulations and execution skills.

Class Committee:

Each class has a student representative council, which is called Class Committee, which includes student members.

The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the teaching learning process.

At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee; however the students are selected, such that they represents boys, girls, hostlers, day scholars, toppers and slow learners.

Various programs like paper presentations, workshops, seminars, Awareness camps and Blood donation campaigns, etc are organized by following students committees every year.

Symposium

Cultural Committee

Department Association

Department Professional bodies

Sports & Games Committee

Anti Ragging Committee

NSS/YRC/RRC

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 18.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
16	17	21	20	19

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Alumni Association

The success of an educational institution depends on the performance of its alumni. DACE has established strong bond with Alumni and has a registered Alumni Association which functions very actively with a purpose. The association releases an updated Alumni Directory every year with a view to establish better network, connection and influence among the Alumni.

The institute regularly invites the alumni to conduct expert lectures, seminars and workshops. The institute also invites the alumni for placement talks, entrepreneurship activities and financial contribution for the development of the students.

Alumni are identified and their portraits are prominently displayed on the Website of the college so that they can be role models for their successors. Emerging Star, Best Alumni and Outstanding Alumni Awards have been instituted to honor the alumni every year.

The college also releases a Newsletter in commemoration of Alumni Day.

DACE is quite confident that the involvement and the promotional attitude of DACE Alumni will definitely steer the institution into limelight and take it to greater heights in terms of student's attitude, quality and future vision.

Alumni Council Responsibilities

1. Adopt the Alumni Association core values of excellence, lifelong relationships and learning, inclusiveness and diversity, global citizenship, advocacy and Dhaanish Ahmed pride.
2. Enthusiastically communicate the mission and purpose of the college and Alumni Association to the wider alumni population.
3. Support a strong relationship between the Alumni Association and current student.
4. Recognize fellow alumni who are distinguished by their loyalty, professional achievement and community service.
5. Assist current students and alumni in career planning and transitions.
6. Promote the college within one's sphere of influence, whenever the opportunity arises.

List of Executive Committee Members

“DHAANISH AHMED COLLEGE OF ENGINEERING ALUMNI ASSOCIATION - PADAPPAI”

Sl. No	Name	Year-Dept	Designation	Occupation	
1.	ARUL MARIAPPAN	2006-CSE	President	BS CAMPUS HEAD RELATINS	NEED
2.	SYED ZAKIR HUSSAIN	2006-EEE	Vice President	SW-ENGG	
3.	MOHAMED ABUTHAHIR RIZVI	2007-CSE	Secretary	SOFRWARE ENGINEER	
4.	KARTHICK DILLY	2006-ECE	Joint Secretary	SW-ENGG	
5.	GULAM NABI ALSATH	2009-ECE	Treasurer	ASSOCIATE PROFESSOR SSNCE	
6.	JAVEED HUSSAIN.K	2006-EEE	Executive Committee Member	ASST.ENGG (ELECTRICAL) CORP C CHENNAI	
7.	G.SRIRAM	2011-EEE	Executive Committee Member	SENIOR ALALYST INTELLECTUAL	PATEN I

				PROPERTIES	
8.	CHINNATHAMBI	2012-MECH	Executive Committee Member	ASST-MANAGER CERTIFICATION INTERNATIONAL	STA
9.	UMAR IBRAHIM	2011-ECE	Executive Committee Member	TEAM LEADER	
10.	IRFAN SULTHANA	2008-CSE	Executive Committee Member	ASST-MANAGER	

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: 4 Lakhs - 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document
Any additional information	View Document
Report of the event	View Document

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Mr. Alhaj K. Moosa is the founder Chairman of Dhaanish Ahmed College of Engineering (DACE) which was started as a muslim minority educational institution in the year 2002 by the Chairman Mr. Alhaj K. Moosa. The founder Chairman is an Educationalist with rich experience in the education field and also a well known philanthropist, whose focus is to provide quality technical education to the socially and economically backward people. He commenced his educational services in the year 1980 and he constituted Ayanavaram Educational Trust (AET), which is managing several schools educating around 5000 students and two Engineering Colleges including this institute.

Based on the vision and mission, the institute prepares its long term and short term plans. As the institute believes in participative management, for the efficient functioning of the institution, the decision making and execution of duties are well defined and assigned to persons at different levels. Macro level decisions involving capital expenditure, budgeting, starting of new course etc are vested with the Chairman and he is supported by the Trust and Governing Council members.

Planning of academic activities including the calendar for internal assessment tests, planning of co-curricular and extra-curricular activities, Activities of students chapters of various professional bodies and department associations like conduction of conferences and symposia, are decided and approved by the Principal / Dean, based on the discussions held during the regular HoD meetings and the proposals/ requests made by the individual departments.

Planning of department activities are based on the recommendations of the department development committee. Planning and execution of activities are deliberated in the department meetings.

Various academic and non-academic functions of the institute are carried out by different committees constituted for the purpose, which are comprised of teaching and non-teaching staffs of the institute.

Various meets, conferences and functions are arranged with the support of different committees formed for the respective activity. Faculty members at different levels are assigned the responsibility to carry out different tasks to achieve the successful conduction of the event/function. Students are also included in committees wherever required.

Decision making is thus decentralized to include participation of persons at all levels.

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 Comittee.
- 14.AICTE/AU Inspection Comittee
- 15.Exam cell
- 16.Placement
- 17.Discipline and Welfare Comittee
- 18.Student and Staff insurance Comittee
- 19.Alumini Incharge
- 20.Library
21. Committee for SC/ST
22. Minority Cell
23. Internal Complaint Committee
24. OBC Cell

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

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.

Details of college level committees are furnished in the previous section (6.1.1).

As a case study to demonstrate the decentralization and participative management culture followed at the institute, details of the ACHIEVERS DAY 2017 is furnished below :

The management decided to celebrate the annual day for the year 2017 as a mega event with an aim to recognise the talents and contribution of :

- (i) the students of the college
- (ii) the teaching and non-teaching staff of the college
- (iii) the alumni of the college and
- (iv) eminent persons in the neighbourhood who contribute to the societal development.

The mega event aimed to bring students, parents, staff, alumni and special invitees from the industry, many other well wishers/stake holders, under one roof to acknowledge the recognitions given to the varied stakeholders.

To execute the plans properly before the event and on the day of the event 9 committees were constituted. Details listed below :

- 1.Reception committee
- 2.Food committee
- 3.Award distribution committee
4. Compering commitee
5. Seating Arrangement Committee

6.Stage Decoration,Banner, Stage seating committee

7.Chief Guest Refreshment Committee

8.Transport and Parking Committee

9.Invitation Printing Committee

About 5000 persons attended the programme. 205 students were given awards and certificates for their achievements in academics, sports, co-curricular and extra-curricular, and research initiative. 7 staff members were recognised for their academic achievements.

The chief guest Justice. K.N. Basha, Former Judge Madras High Court and Justice Fakkir Mohamed Ibrahim Kalifulla Former Judge Supreme Court, distributed prizes and certificates to the students for their excellent meritorious performance in the academics, Sports, Co-curricular and Extracurricular Activities.

20 Alumni were recognised as BEST ALUMNI of the year for their contribution and excellence in their chosen field of work/ study.

For their contribution towards promoting and supporting education of socially and economically backward students, at both school and college levels, MJF.Lion C.K.Shanmugam DCP-Freedom Fighters (welfare) President-PTA,Government Girls Higher secondary School, Padappai and Mr.Thiyagarajan Social Service were crowned with best Social workers award.

All the guests were satisfied with the hospitality and the way the programme was conducted and appreciated the efforts of the institute in making proper arrangements.

The successful completion of the programme was realizable through the participative management and decentralisation of decision making and team work.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

TRAINING & PLACEMENT CELL

The mission of Training & Placement Cell is to provide students a platform for exercising their potential to gain suitable placement in industry. It also works as an interface between various organisations seeking talented young graduate and post graduate engineers, Managers of different disciplines, and the institute.

The Training & Placement Cell is supported by well equipped infrastructures like seminar halls with Multimedia facility, Lecture theatres, Communication Labs, Group Discussion room, conference room etc for Pre Placement Talk & Presentations and computer labs for online tests. Apart from these, Training & Placement Cell also has video conferencing facility to enable tele-interviewing.

The students of all streams are motivated to undergo Industrial training and Internships at various companies across the state during the winter and summer vacations.

VALUE ADDED COURSE (VAC):

At the beginning of each academic year, a detailed training calendar is prepared to meet the training needs of all the students which include:

- Soft Skills training
- Aptitude training
- Value added training for skill development

Based on the feedback from prospective employers, the value added courses (VAC) are decided. Then the choices of the students are collected before finalizing the VAC topics.

Separate time table are prepared for each department to provide training for soft skills & aptitude and VAC separately, in consultation with HoDs. At Present, Soft skills training is given to students of all year/department whereas VAC is planned only for final year students.

By making use of internal resource persons (or) persons from external vendors, the soft skill trainings are imparted in line with the schedule.

VAC training is imparted by engaging external service providers. On completion of the training, feedback is collected from the student and from the trainers. The feedback is used to decide in continuing the services of the service provider in the subsequent semesters. Valuable input from the trainer feedback is shared with the concerned student for their improvement.

PLACEMENT PROGRAM:

Every year, a list of companies for different departments is compiled at the beginning of the academic year. Details of students are shared based on the eligibility criteria of the company. Based on mutual convenience, dates are decided for the recruitment process. Offer letters are issued to the selected students on successful completion of the process.

The summary of Placement & Training activities are consolidated by the Training and Placement section which submits the report to the Principal every year.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The organizational structure of the institution describes a functional and relational hierarchy. The chairman heads the institution. Day to day academic functions are monitored by the Principal/Dean, which is deployed by the Hod's with the support of teaching and non-teaching staff. Administrative and financial activities are carried out by the principal with management concurrence and as per policy with the help of administrative and accounts staff. The institution has established committees such as internal quality assurance cell, exam cell, anti-ragging committee, redressal cell, women empowerment cell etc, ensure deployment of various activities as per their charter.

Governing Council

The governing council of our institution works towards the growth and excellence of our institution's endeavours in all walks. The governing council strives to bring changes in all the lives of staffs and students of the institution. The governing council has established committee's such as anti-ragging committee, women empowerment cell etc., to bring a comfortable and conducive environment for working and study. The governing council will continue to work towards the aim of our institution.

Staff Recruitment

One or two months before the commencement of a new semester, each department estimates the workload and identifies additional staff recruitment. Then the Hod submits a proposal for staff requirement along with the details of work load to the principal. The principal consolidates the list of all the departments and forward it to management. The management publishes an advertisement for recruitment of staff in

newspaper or website. The candidates are required to submit their applications online or through post. As the applications are sorted department wise by the management, they are shortlisted and called for interview. The interview panel includes an external expert in addition to the HoD and Principal/Dean. Based on their performances, the candidates are ranked and the recommendations are submitted to the top management. The top management sends appointment letters to the selected candidates.

Various Bodies

Institution has various bodies that work together towards the excellence of our institution and make the institution a comfortable place for the student growth to a good human being. To name a few:

- Internal Quality Assurance Cell
- Grievances Redressal Cell
- Anti-Ragging Cell
- Internal Compliant Cell
- Women's Empowerment Cell

Promotional Policies

The institution follows the promotional policy as per AICTE/UGC/University norms.

Service Rule

Service rules and code of conduct are followed for all teaching and non-teaching staff as per available Policy/Documents.

Grievance Redressal Mechanism :

Students can represent their individual problems to the college through various mechanisms namely class committee meetings, students feedback, mentoring, etc. Any urgent issue can be reported to the HoDs /Principal directly by the student on Ragging, disturbances and nuisances caused by peers,etc. The same is carefully handled by the HoD /Principal, by way of finding the facts through enquiry and the issues are resolved within shortest possible time, on a priority basis.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support

5. Examination**A. All 5 of the above****B. Any 4 of the above****C. Any 3 of the above****D. Any 2 of the above****Response:** B. Any 4 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**Response:**

The institute believes in participative and transparent management and hence all the academic as well as non academic, co-curricular, extra curricular activities and conduction of various events are executed through various bodies/cells/ committees.

As an illustrative example, the activities of women empowerment cell (WEC) are furnished. The objective of women empowerment cell is to motivate, educate, provide awareness on various socio- economic and health issues, to all women faculty and students. Effective handling of Grievance Redressal is also the function of the cell.

With this aim, WEC organises various events every year by inviting eminent personalities from diversified fields namely medical, Industry etc. Few activities of WEC during 2017 are listed below.

- A lecture on “The Health Awareness for women” was organized on 17th November 2017. Dr. Anantha Padmanathan along with the group of eminent gynecologist and general physicians from the Apollo Hospital gave a detailed awareness on the Women’s health and wellness. A diverse range of screening methods and preventive actions for the ladies health issues were discussed effectively. Many of our women employees (teaching, non-teaching and housekeeping staff) and

students(girls) were hugely benefited.

- A lecture on “Motivation skills and Empowering women “was organized on 26th September 2017. Mrs. Uma Rangunath from IT industry addresses the gathering with her motivational speech. The speech was with thrust on empowerment of women and provided motivation to the participants to pursue and achieve their goals.
- A lecture on “Health check-up awareness for ladies “was organized on 27th March 2017. Mr. Mohamed Yusuf from Apollo medical center, Chennai addresses the gathering with his motivational speech. The speech was with thrust on women health care and cancer awareness.

The Women Cell is a unique and a powerful establishment which strives for betterment of the women’s community through the positive impact of its various activities. The positive impact has genuinely created a lot of difference in the life of our fellow women. As women play a crucial role in the development of our society, the Institution has tried to empower women in different walks of life. The Institute has always tried to bring change in the women’s lives and will continue to do.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

Welfare measures for teaching Staff

- **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**
- **Medical leave provided**
- **Staff welfare amount sponsored**
- **ISTE Membership Fee (Provided)**
- **Free Medical Check-Up (Visiting Doctor)**

Welfare measures for non-teaching staff

- Skill development training (Awareness on Basic computer Software - Excel , Training on OHP PROJECTOR)
- Service Engineering
- Provident Fund for Employees
- Free Transport
- Group insurance
- Marriage and maternity leave provided
- Medical leave provided
- Staff welfare amount sponsored
- Free Medical Check-Up (Visiting Doctor)

File Description	Document
Any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**Response:** 17.77

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	1	111	10	8

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**Response:** 9

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	9	12	6	6

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 32.43

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
72	41	73	45	24

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Teaching:

The Institute collects performance appraisal annually for the concluded Academic year from both teaching and non teaching staffs. As it is a self-introspection of his/her performance, reporting by the staff members is ensured to be factual and accurate, supported by evidence wherever necessary.

The Appraisal is evaluated for 100 marks of which 50% weightage is given to Academic Performance.

Credits are given for activities organized by the faculty and also for their participation in FDPs, Workshops, and Seminars etc. Research activities are given due importance in-terms of fund generation, Industry MOU and Research publication in National/International Journal and Conferences. Points are also given for project and Research guidance. Credits are given for the Individuals contribution both at department and college level.

All the above information are provided by the appraisee, which are reviewed by the appraiser(Usually the head of the Department/Division).The HOD records his/her observations ,comments and recommendations and submit the same to Dean/Principal. After review by DEAN/Principal the same is submitted to the management.

The scores are used to decide on (i) Increment (ii) Career advancement.

In case of poor /under performance, counseling is given to the concern staff .If the performance continues to be unsatisfactory , appropriate corrective action is taken.

Non-teaching:

Appraisal of non-teaching staff is done by the appraisers (usually the HoDs/supervisors/administrative heads) to whom the concerned non teaching staff is attached with/ reporting to. Appraisal is carried out both quantitatively and qualitatively. Appraisees are awarded marks on a scale of 2 to 10 aggregating to 100. Verbal description on the quality of the appraisee is also included.

Metrics considered for the appraisal are listed below:

1. Job Knowledge, Efficiency and Quality of work
2. Communication, Team work and Inter personal skills
3. Punctuality and Regularity
4. Willingness to take additional work
5. Integrity and behaviour
6. Initiative at work
7. Discipline and adhering to institute policy
8. Maintenance and Documentation

Appraisal is reviewed by the Principal, and based on the scores and comments of HoD/ section Head and Principal, decisions on increments, incentives and career advancements are considered. Suitable corrective action is initiated, in case of continued underperformance even after counseling.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Payments, Receipts and accounting on a daily basis is 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 2017.

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.

The Income and Expenditure Statements for the year 2016-2017 is uploaded for reference.

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 23.91

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
5.13	4.96	5.69	5.31	2.82

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Proper utilization of financial resources are planned at the beginning of every academic year. Finance department is responsible for mobilisation of funds through collection of tuition fees, and other resources. The department is also responsible for optimal deployment of funds towards salary payment, tax payment, and payment to various suppliers, contractors, service providers etc. Every department will submit their proposals based on departmental activities planned, for that academic year. This is consolidated at the college level and sent for further approval to the college management. Based on the budget sanctioned, funds are released on priority basis.

Every financial transaction is recorded and updated in the centralized accounting system.

File Description	Document
Any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

Response:

Two examples of Best Practices institutionalized as a result of IQAC activities

Example-1: Risk identification and Risk register:

The new version of ISO, ISO 9001:2015 prescribes risk identification and mitigation. To make the best use of the above concept, DACE has introduced a document namely "Risk Register" which is maintained at all academic departments and other administrative and support areas.

Whenever a student or staff anticipates/ encounters any risks / issues which is likely to affect the safety / performance of the individual / department / section, an entry is made in the register. The entries are

periodically reviewed and timely corrective measures are taken. Also, mitigation plans are chalked out to ensure prevention of any such recurrences. The information is also shared in appropriate manner in appropriate forum between departments / sections so as to create awareness about the risk.

This practice helps to minimize / prevent the risks and to improve upon the safety, security and comfort of students and staffs, which in turn results in improved performance.

Example-2: Two Marks Tests

Earlier during consecutive semesters, while scrutinizing the photocopy of answer scripts of students, received for reevaluation, it was observed that poor performance by students in answering Part A questions (Two marks) pulls down their overall score and grade in that particular subject. To overcome this, after detailed discussions in IQAC meetings it has been decided to introduce exclusive two mark tests (once in the middle of the semester and once at the end of the semester), to enable the students better practice and familiarity in answering the two mark questions. Accordingly since AY 2016-17 two marks tests are planned while preparing the college academic calendar and are meticulously conducted every semester.

File Description	Document
Any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Response :

Example -1 : Institutional review :

DACE reviews its teaching, learning process, structures & methodologies of operation and learning outcomes at periodic intervals by following the procedures listed below:

Sl.No	Document	Procedure	Periodicity	Reviewed by
1	Lesson Plan	Each faculty prepares a detailed lesson plan for each course at the beginning of the semester, based on the syllabus, text books, which clearly indicates the methodology	Every semester	Lesson plans reviewed by peer/senior faculty/HoD
2	Log Book	Students' attendance and Topics covered in each period is entered in the log book. Assessment test marks are entered on completion of each test.	Updation : End of every period	Reviewed by HoD weekly basis Dean/Principal month.
3	Teaching and learning review register	Period wise topics covered are entered for all the periods in a day and the record is	Updation : End of every period	Reviewed by HoD daily / weekly

		maintained class wise, to monitor the syllabus coverage		and by Dean/Principal once in a month
4	Result Analysis presentation by the departments	As per a planned schedule, each department present their result analysis to Dean/Principal, after the publication of results	Every Semester	Dean/Principal and indicate measures for correction and improvement
5	Pre evaluation form and feedback on question paper from students and faculty	On completion of each examination feedback is collected from few students (usually 5 to 10), selected randomly on the nature of the question paper. From faculty feedback on any discrepancies in the question paper is collected and the same is forwarded to Anna University, if necessary.	Every Semester	HoD/Dean/Principal review the feedback and initiate necessary action

Example-2 : Teaching Learning Reforms facilitated by IQAC

To keep in phase with the change in teaching and learning pedagogies and to motivate the students towards participative learning and to encourage them to widen their knowledge base by taking advantage of the enormous online digital resources available in the form of video lectures, IQAC has suggested to include the following methodologies for suitable topics, while preparing the lesson plan:

1. Students for students(S4S)
2. NPTEL online / Achieved video lectures (Using Digimat)

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 9

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	9	12	6	6

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

1. Up gradation of ISO: Earlier in 2013, DACE has been awarded ISO 9001 : 2008 certification. Now DACE has upgraded to ISO 9001 : 2015 certification to make use of the advantages of the new version.

2. DLC : On understanding the requirement of the students for a suitable place to carryout group study during the university exam dates and intervening days and also on identifying the need for availability of a resource person at such place to clarify their doubts at the last minute, IQAC proposed the idea of a central study facility. This was implemented in the form of “Dhaanish Learning Centre” (DLC) where in the student can assemble and prepare for examinations. depending on the forthcoming examination suitable resource person(s) from appropriate department(s) are deputed to clarify their doubts.

3. Green Initiative: IQAC suggested to develop green campus by landscaping and gardening in order to ensure improved aesthetics, pleasant atmosphere for study and reduce global warming. Based on the suggestion of IQAC, DACE has implemented green campus through planting of trees, gardening and recently it has constructed a water fountain near the main entrance.

4. Academic Review: Log book revision: Based on the suggestion of IQAC, details like PO, PEO, CO and mapping, curriculum gap identification and coverage plan have been included in the academic year 2014 – 2015. Subsequently in academic year 2017-18. Changes have been made in the latest logbook (Students attendance & Assessment record) by including certain vital data like attendance of students in practical classes in addition to the observation/record submission details. Also, to eliminate duplications between course file and logbook, certain changes have been incorporated.

5. Impress: At the time of admission students data are captured in the ERP namely IMPRESS and students attendance and academic performance are updated and monitored. However, provision for monitoring hostel students was not available. Based on the suggestion by IQAC, a module has been added to captured details of hostel students, since 2017.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 8

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	2	1	1

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Safety and Security:

Women empowerment cell in the college has conducted programs for women which help them to take their own decisions by breaking all personal limitations of society and family.

To uphold women's right on protection against Sexual Harassment and to create a healthy and secured social environment, the following seminar/ Workshop have been organized.

A Guest Lecture was organized on "Motivation Skill and Empowering Women in IT" on 26.09.2016 for girls students and faculty. Sexual harassment in IT sector was also given awareness to the girl students and self protection methods have also been discussed.

A Guest Lecture was organized exclusively on "Health Awareness Programme for Women" on 17.11.2017

for teaching and non teaching faculty members. Dr. Sarala, a Gynecologist from Apollo hospital has thrown light on Gynecology problems, breast cancer and also she highlighted the symptoms and preventive measures for same.

A Guest Lecture was organized on “Women Health check up awareness program” on 27th march 2017. Mr. Mohammed Yusuf, Asst. Manager of Apollo Medical centre has insisted the significance of Regular Medical health check up for women.

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.

Common Room

1. Common room is provided for the girl students in the form of Prayer Hall for Girls separately.
2. Medical room for girls with first aid kit.
3. Study room separately for girls to discuss the subjects taught and study during exams.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:	
1. Percentage of annual power requirement of the Institution met by the renewable energy sources	
Response: 0.07	
7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)	
Response: 200	
7.1.3.2 Total annual power requirement (in KWH)	
Response: 299040	
File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs	
Response: 1.29	
7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)	
Response: 20.3304	
7.1.4.2 Annual lighting power requirement (in KWH)	
Response: 1576.8	
File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:
<ul style="list-style-type: none"> • Solid waste management • Liquid waste management

- **E-waste management**

Response:

Waste Management

Solid waste management:

One day seminar was conducted for the students on “On Waste Management Responsiveness” by Mrs.G.Ida John, Asst. Professor of chemistry on 12/7/2017. In this seminar she described about the importance of segregation of wastes as

1. Biodegradable wastes
2. Non-Biodegradable waste

Dust bins are classified as “Bio degradable and Non Bio degradable” and also indicated as “keep clean” have been provided for waste collection. The waste in the campus is dispersed in an eco-friendly manner without polluting the environment on a regular basis. Dust bins are provided in many places to keep the surrounding hygiene. Solid wastes are collected daily and dumped alternatively into two pits excavated at the backside of the campus and allowed to decompose naturally without affecting the environment.

Mass cleaning program was conducted by NSS students periodically. The food wastes are collected and it is donated as a cattle feed to the local cattle raisers. The waste water from the campus is drained for the plantation purpose near the hostel mess. Some of the Solid waste include wastes from canteen, transport, hostel, landscaping wastes, wastes from recreational areas including sludge will be removed by panchayat services .

Hazardous waste management:

Safe exhaust provision and fire extinguisher are provided in chemistry and petroleum laboratories to drive out acid fumes. Lab in-charges take care of chemical and safety norms in the laboratories are strictly . Students are educated about the hazardous chemicals and safety measures.

E-Waste management:

The e-waste generated are distinguished as scrap and reusable. Scraps are sold to scrap dealers and reusable components are serviced and used once again . The lifecycle of electronic equipment is extended by appropriate maintenance and minor repairs carried out.

Liquid Waste Management:

The waste water from the hostel would be used for the gardening purpose by which water consumption is minimized.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

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 camp.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

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.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.09

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.87	0.65	0.52	0.485	0.43

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students

8. Any other similar facility (Specify)**A. 7 and more of the above****B. At least 6 of the above****C. At least 4 of the above****D. At least 2 of the above****Response:** B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 6

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	1	1	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**Response:** 8

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	2	1	1	1

File Description	Document
Report of the event	View Document
Details of initiatives taken to engage with local community during the last five years	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 15

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Our country is a land of multi-ethnicity where people of different languages and cultures live together with peace and harmony. India is worldwide known for its cultural diversity and colorful festivals. DACE will give priority to the national festivals and birth/death anniversaries of the great Indian personalities. DACE encourage students and staff to actively participate in the various events as part of the festival celebration.

Every year institution celebrate the following Indian national festivals

1. Ramzan

Since Ramzan is declared as a holiday, our college offered the ground for congregation prayer. On that day, minority people from nearby area offer the prayer in our college ground.

2. Pongal festival

Thai Pongal is a traditional Indian Harvest festival that charms with its colorful intimations of an age gone by. It is the festival of freedom, peace, unity and compassion. Students and Staff of All Departments together prepared and distributed the sweet rice to the people who had gathered.

3. Teacher's day

On this day we honor our beloved teachers who for their selfless effort towards shaping the carriers of their students and elevating the education system of India as a whole.

4. Engineer's day

The Engineering Community is celebrating Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna [Mokshagundam Visvesvaraya](#) (popularly known as **Sir MV**). "Role of Engineers in a developing India" is the theme of Engineers Day. Based on this theme, speech competitions were conducted and winners were honoured.

5. Ramanujar's program

Ramanujar's program was celebrated by conducting maths speed test in various schools all over Tamilnadu. Winners are honoured by giving various prizes including cash award and certificates.

6. Gandhi Jeyanthi:

GANDHI JEYANTHI is celebrated every year. To mark the occasion of the birthday of Mohandas Karamchand Gandhi, various speeches are delivered about him. We celebrate by conducting various competitions like face painting, vegetable carving etc. As October 2nd is a gazette holiday we celebrate it before or after that day.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The Institution maintains complete transparency in its financial, academic, administrative and auxiliary functions.

Response:

Our institution maintains complete transparency in its financial, academic, administrative & auxiliary functions. Considering the financial matters institute appoints internal & external qualified auditors every year. This decision is always taken unanimously in the general body meeting (Governing Council meeting) of the Ayyanavaram Educational Trust (AET), which was formed in the year 1980. Audited statements regarding financial activities are circulated to all the concerned members of the Governing body. Through internal Academic & Administrative Audit (AAA) the transparency is maintained. All the stake holders are involved in A & A Audit. The information regarding the College is freely made available to the public through our website www.dhaanish.in. as the College is under RTI(right to information) all the information is made available to the public. We always take care of our students from their enrollment to their overall development. Recruitment of faculty & all necessary procedures are practiced as per the guidelines given by higher education department, University & UGC. All circulars regarding, students, teaching staff & non teaching staff are circulated & displayed on the notice boards. Local management committee is the highest decision making authority, which consist of members from the management, teaching staff & nonteaching staff. Planning & execution of different auxiliary functions are discussed & decide in these committees which are communicated to all stake holders of our stakeholders.

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

BEST PRACTICE 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.

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.

Intended Outcome

- Enhanced performance in external written examinations.
- Provided feedback to the instructors to know what is learned and what is not.

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.

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

Evidence of Success

- Slow learners can be easily identified and are made to clear the subjects.
- Rank holders can be motivated to earn better grades in both internal and external written examinations.
- Tests motivate learning and efficiently reduce procrastination.

Problems Encountered and Resources Required

- Students' absenteeism in tests was sorted out through conducting retests.
- During the test hours regular classes were altered by the special classes during evening times.

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.

Objectives of the Practice

1. To monitor and motivate the students in learning and earn better grades in internal and external

examinations.

- 2.To widen their subject knowledge with relevant guidance and enlighten their doubts with faculty instructors.

Intended Outcome

- 1.Improved performance of students in internal and external assessments
- 2.Fosters an environment of cooperative learning which identifies student's complexity and finds solutions to sustain improvement of the learning system.

The Context

Students staying in hostel face a temporary detachment from their parents and relations. Hostel Study Hour has great advantages for the students.

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.

Evidence of Success

- The learning methodology has enhanced the hostel student's learning quality which is reflected in their overall performance during exams.
- Students have excelled in their internal and external assessments and they focus on getting the best results possible.

Problems Encountered and Resources Required

- Identifying suitable faculty instructors and obtaining their convenient time.
- Incharge faculty members had difficulty to alter their duty in case of emergency which was duly overcome through the faculties residing in hostel.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

QIM Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Upload a description of the institutional performance in one area distinctive to its vision, priority and thrust in not more than 500 words (20)

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 fosters & enriches 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 encourages 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

Two batches from CSE department got selected in Hackathon contest 2017.

- 1.ONCO TALK DACE which is developed for cancer patients, got selected for Smart India Hackathan
- 2.AUTOMATED FLIGHT DOCKIN AND DOCKOUT TRACKING got selected for Smart India Hackathan

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.

- 1.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.

- 1.GM Pens India Private Limited (Rorito Pens)

DACE has soared to its greater heights by involving its management students in skill upgradation 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 Behaviour among school students. As an outcome, students have gained enormous practical exposure and knowledge in the marketing domain.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Under the collaboration with ICT Academy, DACE has established the following specialized skill imparting facilities for Auto CAD, Inventor, Fusion 360, Rivet through AUTO DESK, IoT, ORACLE, Amazon Web services, Cryptography through Pal Alto.

Students are participating in various programmes of ICT Academy like Youth Talk, Power Seminars, Youth Circle, Learnathon etc.,

Faculty members are activity involved in attending various Technical training in latest technologies, Leadership skill training, Bridge organized by ICT Academy.

DACE has received active contributor award in the Learnathon programme conducted by Salesforce in association with ICT Academy, on 2nd & 3rd February 2018.

DACE actively participates in Infosys Campus Connect programmes and TCS iON initiatives.

DACE has recently entered into MoU with Pure Sine Max Solar for EEE and ECE, ALPHA CADD for CIVIL and MECH, Godrej for MECH, EEE, and ECE, Zuvier for CSE.

DACE has strong linkage with CITEX and ONGC for Petroleum Engineering to do internships, projects, industry visits etc.

DACE students and Staffs have completed additional on line courses through MOOC, Coursera, and NPTEL etc.

Concluding Remarks :

DACE continuously endeavors to enhance the quality of education through training of Staff and students.

DACE has initiated the process for collaborative agreements with Foreign Universities namely University of Petronas and University of Jaffna.

DACE aims to publish more number of research papers 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.