Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE**
Name of the head of the Institution	**S.Durairaj**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04328-220333**
Mobile no.	**9585594580**
Registered Email	**principal@dsengg.ac.in**
Alternate Email	**principaldsec@dsgroupmail.com**
Address	**Thuraiyur Road, Perambalur**
City/Town	**Tiruchirappalli**
State/UT	**Tamil Nadu**
Pincode	**621212**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Mrs.B.Karthiga**
Phone no/Alternate Phone no.	**09443412750**
Mobile no.	**9443412750**
Registered Email	**iqacdsec@gmail.com**
Alternate Email	**iqacdsec1@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.dsengg.ac.in/2019/AQAR-2017-18.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.dsengg.ac.in/2019/ACADEMIC%20CALENDAR%202019.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.05**	**2015**	**03-Mar-2015**	**02-Mar-2020**

6. Date of Establishment of IQAC	**14-Mar-2014**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Special lecture on	**03-Apr-2019**	**120**

Outcome Based Education	1	
Workshop on Art of Teaching	23-Mar-2019 1	160
FEP- Faculty Enrichment Programme	14-Sep-2019 1	336
I LEARN G4 Campaign	20-Aug-2019 9	797
I LEARN E3 (Educate, Enhance and Expertise) Campaign	20-Aug-2019 9	584
I LEARN C2 Campaign	20-Aug-2019 9	814
No Files Uploaded !!!		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

• Proposing a New UG course B.Tech Pharmaceutical Technology under the affiliation of Anna University and AICTE • Got a Permanent Affiliation from Anna University for B.E Civil Engineering Course • Planned to Prepare the Fresh Autonomous Proposal to UGC and Anna University • Faculty Enrichment Programme (FEP) has been arranged for all the faculty members for updating the technical skills and communication skills of the faculty. • Preparing AQAR report.

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

Plan of Action	Achivements/Outcomes
SHG (SELF HELP GROUP)	SHG has been created based on the interest of faculty members to guide the students. Motivation, Lecture / Presentation session have been arranged for all classes to mould the students in positive aspects, to enhance the writing skills of the students, to evoke a valuation procedure to all the students. A faculty will be given an hour to deliver the above details.
SIM- Student Initiative Material	Students are asked to refer their Learning material and write a part B questions in each subject consisting of minimum of 7 questions which has to be answered thereby they can prepare their material. It effectively increased the students to access the library and the question banks.
Study Hour	Hostel study hour has been undertaken in the college campus till 7.30 pm which has effectively reduced the mobile usage and increased the academic performance of the students.
Remedial Class	As per 2017 regulations, Choice Based Credit System (CBCS) was introduced in affiliated engineering colleges during 201718. Under this system, "The students who dont have any arrears in the first semester alone will be allowed to study in the fourth year or seventh semester. For the betterment of the students' community, remedial class were scheduled and recall the portions of the syllabus for the third year students of all disciplines in order to clear their backlogs in the first semester. Feedback was collected from the students. Students were emphasized that they are much benefitted through this remedial class. They also mentioned that the classes were very helpful to remove their myths and it ends with positive beliefs.
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14. Whether AQAR was placed before statutory

Yes

body ?	

Name of Statutory Body	Meeting Date
Management	14-Apr-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	14-Dec-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	12-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The Trust will take care of functioning and operations of academic and administrative aspects of the Institution. Governance is the key activity that connects between the management, faculty, staff, students and the community. We believe it should be effective, efficient and economical in execution of its duties. We support modern governance and proper administration and believe these should be carried out in a way that actively acknowledges diversity, that is respectful of identity and serious belief and that reflects balance. Institute has a governing body in place wherein the members are drawn from distinguished cross sections of the society. The effective governance, leadership and management are evident from its long history of disturbance free performance in imparting quality higher education. It is mainly because of the highly responsive compact management which gets constant inputs and feedback from the administrative and academic heads.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The Academic Calendar serves as an information source and planning document for students and staff. This serves as a key resource for important dates for all the academic activities planned. The academic calendar contains the details of submission of syllabus coverage for test, start date and end date for slip test, assessment test and model test. Structured time table will also have impact in proper planning of work. A well thought- out timetable basically helps you take control of your day from one hour to the next. Course plan is a vital component of the teaching-learning process. Course plan is being prepared well in advance. It is distributed on the first day of reopen so that students can adhere themselves to listen to the lectures. Learning Materials Verification (LMV) Committee verifies the Learning materials which are the backbone for the students to prepare for their exams. Learning materials contains Course plan, Part A questions (20 soft copy) and Part B(10 questions- written),Assessment questions. All the questions have to be set based on the university question papers. Syllabus coverage form is being collected before the start of assessment to ensure for the divergence in the completion of portion. Two sets of internal exam question papers (AT-1, AT-2, and MODEL) are collected well in advance which strongly emphasize about the completion of syllabus before internal exam. Internal assessment marks system in general reflects the performance of the students both in theory and lab. Based on this information faculty will guide the students properly which emphasizes the growth of various abilities thereby enabling the faculty to take corrective action as and when required. Theory: Web portal mark assessment procedure is formulated as: • Assessment Mark 50 • Continuous Assessment (CA)Mark 50 • Additional Assessment Mark : 7 (secure >=30) Continuous monitoring of students will be carried out through continuous assessment process. The primary aim of introducing continuous assessment is to improve the performance of students. CA mark is maintained in logbook for each subject. Web portal 1 contains only attendance. Continuous Assessment test(50 mark) for web portal 2 and web portal 3 is categorized as • Slip test 1+Slip test 2=Mark has to be averaged for 25. • Attendance=10 • Assignment=15 Continuous Assessment test(50 mark) for web portal 4 is categorized as • Coaching class attendance has to be converted for 25. • Attendance=10 • Assignment=15 Test report has been designed and to be maintained by the department Heads of all the years. Assignments are one of the key factors in continuous assessing of student learning of a subject. Three modes of assignments are introduced: seminar, presentation and paper work to enhance the teaching learning process. Remedial classes will be planned before the day of assessment test, where students can discuss with their faculties regarding the subject and also faculties can plan the conduct of class for the important topic, so that the absentees for the regular class will get benefit .Academic audit has been planned to monitor the progress of all practices

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
GIS	NA	02/06/2018	1	Employabil ity and Entr epreneurship	Basic concepts on GIS
Biomedical equipment Calibration And Testing	NA	10/10/2019	1	Employabil ity	BioInstrum entation designing skills

Programme/Course		Date	Number		
Mat Lab- Medical Image Processing	NA	05/07/2019	1	Employability	Process the medical images
Computer programming using Python	NA	01/11/2018	1	Employability	Programming Skills
Open Source Technologies	NA	08/04/2019	1	Entrepreneurship	Usage of Open source software
Fatigue and thermal stress analysis of steel pipes using ANSYS software	NA	01/11/2018	1	Employability	Basic of ANSYS
Embedded System	NA	01/11/2018	1	Employability and Entrepreneurship	To develop the projects
AUTOMATION IN PLC AND SCADA	NA	01/11/2018	1	Employability	To enrich the employability skill towards PLC

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Pharmaceutical Technology	15/05/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	MECHANICAL ENGINEERING	04/06/2018
BE	BIOMEDICAL ENGINEERING	04/06/2018
BE	CIVIL ENGINEERING	04/06/2018
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	04/06/2018
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	04/06/2018
BE	COMPUTER SCIENCE AND ENGINEERING	04/06/2018
BTech	INFORMATION TECHNOLOGY	04/06/2018
ME	CAD CAM	04/06/2018
ME	POWER ELECTRONICS AND DRIVES	04/06/2018

ME	EMBEDDED SYSTEMS	04/06/2018
ME	COMMUNICATION SYSTEMS	04/06/2018
ME	COMPUTER SCIENCE AND ENGINEERING	04/06/2018
ME	COMPUTER SCIENCE AND ENGINEERING (WITH SPECIALIZED NETWORKS)	04/06/2018
MBA	MASTER OF BUSINESS ADMINISTRATION	04/06/2018
MCA	MASTER OF COMPUTER APPLICATIONS	04/06/2018

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

	Certificate	Diploma Course
Number of Students	226	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
SOLID WORKS ESSENTIAL	13/07/2018	15
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Feedback regarding the Teaching-Learning process is collected from students by feedback form and during Counselling session and Class Committee Meetings. • Class Committee Meeting (CCM): ? Class Committee Meetings are conducted twice in a semester to convey information regarding academic activity and know the issues of students. It is headed by the Chairperson. ? The members of Class Committee meeting are 1. Chairperson 2. Convener 3. Class Advisor 4. Faculty for handling the subjects 5. Student representative ? Initially Circular is framed with agenda and circulated to faculty and students. On the day of meeting, points concerning agenda will be discussed. Chairperson will circulate the minutes of the meeting to the subject in-charges. ? Finally Student

representatives are asked to discuss the same in the classroom, in which the actions taken by the department shall be transparent to all student. ? The Action taken for the issues discussed will be intimated to the Principal through HOD. • Students feedback: The feedback process provides an opportunity to look strengths and weaknesses of teaching-learning process through the eyes of students, the prime stakeholders. The feedback on teaching-learning process is periodically collected by means of a questionnaire from the students for all the courses. The questionnaire comprises of questions which include the communicative skills, learning skills and observation skills of the course instructor. Unbiased, systematic and scientific analyses of the collected data are used to self-regulation and mid-course correction in modifying, altering and improvising the existing teaching-learning process. The results of the feedbacks help the faculty to engage themselves in effective teaching-learning process. Feedback reports are reviewed by HOD and discussed with the faculty concerned and necessary corrective and preventive actions are taken. Set of questions was given to the students to get unbiased impartial open-minded answers about courses. The parameters include knowledge, teaching skills, presentation, communication, and attitude etc,. Apart from questionnaire, feedback is collected during class committee meeting and also during counseling session. The collected feedback is processed by the HODs and the problem will be sorted out. If the faculty performance is not satisfied, the faculty will be encouraged to improve their teaching skills by undergoing FDP and FEP as a corrective action. Feedback on facilities: A questionnaire has been framed regarding the ambience of the college .The details will be collected during various stakeholders meet such as Parents meet, Alumni meet and Students meet. This will be analyzed by the Senior Professors and it will be put forth to the Principal thereby to the management. After further scrutiny, the issues will be sort out. Feedback from Employers: Feedback will be collected from the employers during their visit to the campus. Focus will be given to their suggestions and the necessary corrective actions will be taken

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	555	47	272	64	336

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

Resources)					
336	336	11	94	8	6

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)
• Counseling is a systematic student-centric process based on a close student-advisor relationship intended to aid students in achieving educational, career, and personal goals. The nature of face-to-face mentoring might be to inform, suggest, counsel, coach and teach. • Advising is concerned not only with a specific issue but also with facilitating the students rational processes, environmental and interpersonal skills, behavior awareness, problem-solving, decision-making and evaluation skills hence to empower them in their learning and personal development. • The purpose of counseling is that the student can freely and confidentially express their academic, emotional and personal pressures and concerns to a professional who can help them effectively. • Counseling support has two dimensions – counseling on academic related issues, personal issues and career related issues. ? Academic counseling is done for providing educational guidance and assistance for students by determining appropriate education solutions. ? Personal counseling by a counselor help students to familiarize them with social etiquette, peer group interaction, attitudinal changes which can help them to overcome emotional problems besides reducing dropout rates. ? Career counseling assists students in understanding their values, interests, skills, passions and world outlook which influence their career decisions. HRDC cell (Human Resource Development Cell) also provides support in securing jobs by counseling and job search strategy, CV Writing tips and preparation to face interviews and also the cell organizes On-campus interviews to the students every year. Process of counseling has been elaborated as follows: ? Institute level coordinators are nominated by the Principal. ? Department level coordinators are identified by the HOD and Institute level coordinators. ? Series of discussion regarding the mode of counseling and their impact will be made before the start of counseling. ? Department level coordinators are responsible for allocating the students and venue. Care must be taken in allotting maximum 20 students to each faculty and senior faculty members to be allotted for junior classes. ? Student History record consisting of all personal details along with the semester results has to be periodically updated and the consolidated report of counseling at the department level has to be submitted to Institute Level Coordinator and the same to be brought into the notice of Principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
602	336	1:2

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
25	25	25	25	6

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end

					examination

<div align="center">No Data Entered/Not Applicable !!!</div>

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

Internal assessment marks system in general reflects the performance of the students both in theory and lab. Based on this information faculty will guide the students properly which emphasizes the growth of various abilities thereby enabling the faculty to take corrective action as and when required. Theory: Web portal mark assessment procedure is formulated as: • Assessment Mark 50 • Continuous Assessment (CA)Mark 50 • Additional Assessment Mark : 7 (if student secure >30) Continuous monitoring of students will be carried out through continuous assessment process. The primary aim of introducing continuous assessment is to improve the performance of students. CA mark will be maintained in logbook for each subject. Web portal 1 contains only attendance. Continuous Assessment test(50 mark) for web portal 2 and web portal 3 is categorized as • Slip test 1Slip test 2Mark has to be averaged for 25. • Attendance10 • Assignment15 Continuous Assessment test(50 mark) for web portal 4 is categorized as • Coaching class attendance has to be converted for 25. • Attendance10 • Assignment15 Lab: The internal marks for lab are calculated as : • Attendance 25 • Observation 25 • Record 25 • Model Exam 25

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

The Academic Calendar serves as an information source and planning document for students and staff. This serves as a key resource for important dates for all the academic activities planned. The academic calendar contains the details of submission of syllabus coverage for test, start date and end date for slip test, assessment test and model test. Apart from the test, in order to improve the performance in teaching learning process, class committee has been framed. The schedule of meeting date is also planned well in advance in academic calendar. Professional activities details of each department will be designed in academic calendar. To focus on slow learners, special slot has been prearranged for revision class in academic calendar too. Dates are important to the success of any student. It is displayed in our college website so that students and staff will be able to view relevant dates for each activity in one location. Probably the test will be conducted on the scheduled date. If there is any deviation under unavoidable circumstances, the date of exam will be modified by the Exam cell and will be intimated to the Department under the concurrence of Principal.

2.6 – Student Performance and Learning Outcomes

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

<div align="center">https://www.dsengg.ac.in/</div>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
<div align="center" colspan="5">No Data Entered/Not Applicable !!!</div>					

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2.7 – Student Satisfaction Survey

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

 https://www.dsengg.ac.in/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
View File				

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
INTELLECTUAL PROPERTY RIGHTS AND INNOVATIONS 11.02.2017	MBA	12/02/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	nil	0	nil	nil	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	1	0

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

Name of the Department	Number of PhD's Awarded
NA	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	CIVIL	2	5.95
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MCA	5
MBA	5
MECH	15
IT	5
EEE	20
ECE	12
CIVIL	15
CSE	5
BME	13

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Image Registration based Cervical Cancer Detection and Segmentation Using ANFIS Classifier	B.Karthiga	Asian Pacific Journal of Cancer Prevention	2018	2	Dhanalakshmi Srinivasan Engineering College	2
Three-Dimensional Finite Element Analysis of Surface Mesh Model of Human Tibia Bone	K Pradeep, VE Jayanthi, K Hemalatha, K Adalarasu, M Jagannath	Research Journal of Pharmacy and Technology	2018	1	Dhanalakshmi Srinivasan Engineering College	1
Securing video cloud storage by ERBAC mechanisms in 5g enabled vehicular networks	R Gopi, A Rajesh	Springer US-Cluster Computing	2018	5	Dhanalakshmi Srinivasan Engineering College	5
Characterization	M.Chellappan K.Lin	Science Direct-	2018	3	Dhanalakshmi shmi	3

and Optimization of TIG welded supermartensitic stainless steel using TOPSIS	gadurai P.Sathiya	Materials Today: Proceedings-Elsevier			Srinivasan Engineering College	
DESIGN OF MULTI ROBOT SYSTEM USING FUZZY BASED IOT	K.Bharathi[1] and Dr.K.Anbarasan[2]	International Journal OF Research Science and Engineering	2018	1	Dhanalakshmi Srinivasan Engineering College	1
Designing a Novel Framework for Evaluation of Trust in Mobile Ad-Hoc Networks	R Raja, P Ganesh Kumar	Journal of Computational and Theoretical Nanoscience	2018	1	Dhanalakshmi Srinivasan Engineering College	1
Network performance with DDOS attack using IAFV for botnet identification	R Abinaya, S Nandha Kumar	International Journal of Advance Research, Ideas and Innovations in Technology	2018	1	Dhanalakshmi Srinivasan Engineering College	1
A magnetic Fe3O4 decorated TiO2 nanoparticles application for photocatalytic degradation of methylene blue (MB) under direct sunlight irradiation	P Govindhan, C Pragathiswaran, M Chinnadurai	Journal of Materials Science: Materials in Electronics	2018	7	Dhanalakshmi Srinivasan Engineering College	7
ISAY: SMS Service Using ARM	D Vijaya kumar, S M anikandan, K Parthasa	Applied Science Reports	2018	1	Dhanalakshmi Srinivasan Engineerin	Nill

| Online measurement of water quality and reporting system using prominent rule controller based on aqua care-IOT | M Parameswari, M Balasingh Moses | Design Automation for Embedded Systems | 2018 | 11 | Dhanalakshmi Srinivasan Engineering College | 11 |

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A magnetic Fe3O4 decorated TiO2 nanoparticles application for photocatalytic degradation of methylene blue (MB) under direct sunlight irradiation	P Govindhan, C Pragathiswaran, M Chinnadurai	Journal of Materials Science: Materials in Electronics	2018	14	4	yes
Treatment of Urinal Waste Water using Natural Coagulants?	P Balamurugan, K S hunmugapriya	International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue	2019	14	1	yes
Efficient analysis of water quality measurement	M Parameswari, M Balasingh Moses	Cluster Computing	2019	14	2	yes

reporting system using IOT based system in WSN						
Influence of exhaust gas recirculation on combustion and emission characteristics of diesel engine fuelled with 100 waste cooking oil methyl ester	K Nanthagopal, R Thundil Karuppa Raj, B Ashok, T Elango, SV Saravanan	Waste and Biomass Valorization	2019	14	8	yes
Online measurement of water quality and reporting system using prominent rule controller based on aqua care-IOT	M Parameswari, M Balasingh Moses	Design Automation for Embedded Systems	2018	14	11	Yes
Human machine interfacing technique for diagnosis of ventricular arrhythmia using supervisory machine learning algorithms	Dr. Hemalatha Karnan	Concurrency and Computation: Practice and Experience	2018	1	1	Yes
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	20	50	Nill	Nill
Presented papers	32	64	Nill	Nill
Resource persons	1	21	8	2

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Fire and Safety program	NSS	2	100
Tree Plantation in campus	NSS	2	100
DCC-Cleaning Campaign in Dsec Campus	NSS	2	100
Camp	NSS	2	100

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Appreciation Certificate	District Collector, Perambalur	93

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Eco-CLUB	NATIONAL SERVICE SCHEME	Tree Plantation	2	100
CLEANING CAMPAIGN	NATIONAL SERVICE SCHEME	DSEC CLEANING CAMPAIGN	5	100
NATIONAL SERVICE SCHEME	GOVERNMENT HOSPITAL, PERAMBALUR	BLOOD DONATION CAMP	2	90
POLLUTION AWARNESS	NATIONAL SERVICE SCHEME	PLASTIC POLLUTION AWARNESS	2	100
FIRE AND SAFETY	FIRE AND RESCUE SERVICES	FIRE AND SAFETY	2	100

		AWARENESS PROGRAM		

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	1	QIP	720
Hospital Training	106	Management	7
Industrial Training	112	Management	7

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
IT	On Job Training	Xcel Corp	31/05/2018	31/12/2019	7
Insurance sector	Induction Programme	IDBI Federal Life Insurance Pvt	02/01/2018	31/12/2019	25
Health Care Sector	On Job Training	Visionary RCM	02/01/2018	31/12/2019	9
Semiconductor Industry	Internship	Urjita Electronics	01/05/2018	31/05/2019	4
Networking	On Job Training	CMS IT Services	01/05/2018	31/05/2019	2

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
IEEE Robotics Automation Society, Malaysia	01/08/2018	To organize international symposium on Robotics Manufacturing Automation	89
CMS Info systems	15/10/2018	Training and Placement Services	116
Learning Centre	05/09/2018	Internship with Project Support,	53

		Sponsorship	
ICT Academy of Tamilnadu	09/10/2018	Certificate Course Training	21

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3000000	348908

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Campus Area	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Laboratories	Existing
Class rooms	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NIRMALS	Fully	6.2.1	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	38927	4471157	993	425200	39920	4896357
Reference Books	3620	1206964	528	86335	4148	1293299
e-Books	603	Nill	150	Nill	753	Nill
Journals	396	674860	150	239070	546	913930
Digital Database	2	74000	Nill	Nill	2	74000
CD & Video	3650	282900	250	Nill	3900	282900
Others(specify)	6	35000	Nill	Nill	6	35000

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
ECE FACULTYMEMBER	E LEARNING MATERIAL	Institutional Website	23/05/2018
EEE FACULTY MEMBERS	E- LEARNING MATERIAL	Institutional Website	24/05/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	953	9	603	1	0	7	41	100	8
Added	60	1	323	0	1	0	2	0	0
Total	1013	10	926	1	1	7	43	100	8

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
E LEARNING MATERIALS	https://www.dsengg.ac.in/dsengg-academi-ug-electricalcommu.php

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
6000000	5939360	4500000	439864

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

Maintaining and utilizing physical, academic and support facilities – Class Rooms/Laboratory The physical facilities such as Laboratories, Classrooms, Library and Sports Complex are maintained by House Keeping under the supervision of Nonteaching Staff / Floor Supervisors. Utilization of the classrooms is facilitated to the students in working days and it is also made available to the other governmental / nongovernmental organizations for conducting exams during Vacations and holidays. The masonry and plumbing works

are carried out with our institutional skilled persons and the expenditure is incurred from Maintenance. Lab equipment's are serviced by manufacturers and service personnel during summer and winter vacations. Stock registers are maintained regularly. House Keeping 1. Checking water availability in Toilets every hour 2. Checking Drinking water availability every day 3. Cleaning Class Rooms, Labs, Veranda, Office Room, Staff Rooms 4. Cleaning of Toilets every day 5. Cleaning the campus every week 6. Checking Furniture's in Class Rooms and Office every month 7. Checking Building cracks throughout the campus 8. Checking Electrical, Plumbing, Waterline and Sewage line every month The college has an adequate computer with high speed internet connections and software's, distributed in different locales like departments laboratories, library and office. Computers are maintained by internal Staff members. Each laboratory has an assistant, who ensures proper usage of the computers and hazardous equipment's are handled with care. The working hours of the library is from 8.30 a.m to 6.00 p.m on working days and from 8.30 a.m to 4.00 p.m. on holidays. Maintenance activities are made periodically. The activities like fumigation, preservation of books from insects, dusts and shelving of reading materials promptly on regular basis by the housekeeping /Library Staff. Training Classes and Special Trainings for competitive examination such as GRE, TOEFL, GATE and Placement Training to students for competitive exams, to motivate them for debates/ group discussion, and for placement. Excellent infrastructure is provided for sports with 400meter running track .The play field are maintained by markers and the field equipment like post, balls, are also maintained regularly. The markers control the play equipment like ball, bat, net etc., provided to the students and to collect it back safely and register them in the Equipment movement register. Power Supply and Electrical Maintenance Power supply is maintained by regular staff through proper system captive gensets in the campus to handle the occasional power shut down. Garden Maintenance Tree plantation and garden maintenance are done by the gardener appointed by the Institute. NSS, and various club activities are involved regularly to maintain the lush green campus

https://www.dsengg.ac.in/dsengg-campus-hostel.php

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	DMAT Concession, Management Concession, Cut off Concession and sports Concession	478	13684240
Financial Support from Other Sources			
a) National	PMSS	709	59525800
b)International	NA	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Career Guidance Programme	Nill	594	Nill	Nill
2018	Higher education Awareness	594	594	8	Nill
2018	Entrepreneurship Development Programme	Nill	697	Nill	24
2018	HR CONCLAVE	Nill	Nill	Nill	480
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
8	8	45

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	3	UG	Biomedical Engineering	Affiliated Institutions	Affiliated Programme
2018	3	UG	Civil Engineering	Affiliated Institutions	Affiliated Programme
2018	2	UG	Computer Science and Engineering	Affiliated Institutions	Affiliated Programme

2018	1	UG	Electronics and Communication Engineering	Affiliated Institutions	Affiliated Programme
2018	8	UG	Mechanical Engineering	Affiliated Institutions	Affiliated Programme

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	8

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

[View File]

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

The Students are actively involved in organizing the several functions like seminar, symposium, conference and workshop through various committee headed by the faculty members and they also involve them in many awareness programme through various Club. These activities have not only helped students to shape their personalities but also helped them to become promising leaders. The Committee, club and NSS activities are nothing but an epitome of teamwork, dedication and sincerity.Students are involved in various committees.Their active participation mould the cell activity in positive aspects.Feedbacks are collected to increase the performance of the cell activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the institution has an active registered Alumni association, The Alumni meet was conducted once in a year, during the meeting alumnae proposes and discuss the recent industrial needs from the students fraternity. Based on that we will conduct the value added course for the students to make industry oriented professional, Apart from this, alumni of DSEC will provide their inputs through orientation and career guidance to the budding engineers of the Institutions.

5.4.2 – No. of enrolled Alumni:

462

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

The alumni meet were conducted once in a year through HRDC cell where the alumni were actively involve them and provide their valuable inputs and suggestions to the development of the students. Through This Association we organized the career guidance and orientation programme to the students

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• We applied NBA for the department BME, ECE and EEE. So audit is done periodically to monitor the process. • Central valuation process is initiated towards strengthening Examination and Evaluation. • Different Committees overseeing different operational aspects of the institute functioning are the best example of participative management in action. • To oversee the effectiveness of individual faculty regular academic review meetings are conducted at the end of internal assessment and rectify any omission on the part of the individual faculty to come to the right path.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	• The admissions of the students are strictly followed as per rules and regulation based on the Government of Tamil Nadu and AICTE norms • This consist single window system procedure for the government quota students and through the consortium of self-financing engineering colleges for the management quota students. • B.E/B.Tech., Degree Programme - First Year: ? Admission to General Category: The selection of candidates will be on the basis of the marks obtained in the prescribed subjects in the qualifying examination. The academic marks in the prescribed subjects reduced to 200 (Mathematics 100, Physics Chemistry 100) will be considered for Ranking. ? Admission of vocational stream candidates: The academic marks in the prescribed subjects will be reduced to 200 (Related subject 100 marks, vocational subject including theory and

	practical 100 marks). Selection will be made following the Communal reservations. There is a separate ranking and counselling for vocational candidates. • B.E/B.Tech., Degree Programme - Direct Second Year Lateral Entry: Admission to this course is based on the percentage marks (aggregate of V and VI semesters) obtained in Diploma (103) exam through Single Window Counseling allotted by Anna University through Tamil Nadu Engineering Admissions (TNEA) Consortium of Self Financing Professional, Arts and Science Colleges in Tamil Nadu. • M.E/M.Tech./MBA/MCA, Degree Programme: Based on the score obtained in the examinations like TANCET / CET / GATE / MAT / CMAT which are conducted by the Anna University
Industry Interaction / Collaboration	• HRDC regularly supports in arranging the events to interact with industry experts. The department also approach major vendors and alumni who are working in industry to give lectures on industry needs areas. • The institution firmly believes in industry interaction and these interactions through MOUs with organizations. Signing of MOUs with industries for research projects, consultancy, placement, internship and interactive sessions like seminars, webinars and workshops take place. • Mutually-beneficial activities (based on the MOUs) are organised in every department. • Facilitating in-plant training, industry visits, summer and final semester internship for students across all disciplines and campuses. • Factory Visit scheme is executed for the students to forecast the real happenings in industry sector. • Each department had launched the professional society which acts as a linkage between the students and society.
Human Resource Management	• The heads of the departments communicate a requisition to the management through the principal and Human Resource Department Cell (HRDC) of the institution as and when vacancies arise in the department. • Recruitment is done based on the Anna university faculty ratio. Before the start of semester, workload will be finalized and number of faculty needed

		is reported to HRDC. Call for interview will be posted in dailies and resumes are shortlisted and the interview will be conducted by academic experts in the presence of Management. • Arrangement of computer training programmes related to Tally and MS- office for Non-teaching staff and office staffs. Orientation and training programmes are organised periodically for the recruits. • HRDC has training faculty to conduct E-Club, Career guidance and Personality Development Programmes (PDP). • HRDC invites different companies for campus recruitment of students. They continuously focused on the growth of the students.
	Library, ICT and Physical Infrastructure / Instrumentation	• Library: ? The central library of the college is a repository of a vast number of learning resources including textbooks, reference books, national and international journals, digital resources, online journals, etc., all of which are enriched every year and software for tracking resource availability and an automated system for book/journal transactions. ? The library has a large collection of books covering various branches of Engineering and Technology, Science and Humanities and allied fields. ? RFID cum Bar-coded Identity card to all the users. ? DELNET access is provided at the digital library where online journals and e-books are accessed. NPTEL lecture videos are downloaded and maintained at the central library. ? Additionally, there are departmental libraries to provide easy and quick access of resources to students. • ICT: ? Provision for wi-fi facility in both the campuses for use of the e-learning resources. ? Every department has individual LCD projector, OHP Projector, System with internet connection, Classrooms, Seminar Halls and Conference Rooms. • Physical Infrastructure / Instrumentation: ? An auditorium, central library, department libraries, medical centre with an ambulance, sports centre, ATMs, adequate vehicle-parking space for students and staff are functioning effectively. ? All laboratories are equipped with modern equipment to meet the requirement of curriculum. ? All laboratories are well furnished. Necessary furniture for students is

		provided in each laboratory. ? The overall ambience is good enough for the students to excel in their practical applications and to support RD activities ? All laboratories have sufficient natural light, good ventilation with tubes and fan arrangement. ? Laboratories kept open beyond office hours as per the need. Discussions and implementations of innovative ideas about mini projects and final year projects are carried out in innovative manner. ? CCTV cameras are installed in strategic locations on the campus. ? Adequate numbers of fire extinguishers at vantage points are kept and the staff and students are trained to handle it. ? Upgraded gym facilities ? Professional trainers were inducted to provide training to the teams participating in major events/ competitions
	Research and Development	• The Research and Development Cell is established to promote research activitieslike inviting eminent scholars to address the faculty and PG students, organizing the conferences which act as a platform to share the research ideas. • The committee ensures the departments to apply for Research Centre recognition and the Ph.D holders to apply for Guide Recognition under Anna University, Chennai. • All the departments of the institute have well equipped laboratories with adequate infrastructural facilities to carry out the research projects. • Student projects: ? To accomplish the art of project based learning, accompany towards industrial support and to enhance their knowledge on project, project hour for final year students is introduced and 0th review is conducted during 7th semester. It is the carry forward process, project coordinator can be allotted taking into account of 8th semester. ? The project work is monitored by Project Monitoring Committee (PMC) which is initiated in 7th semester although Anna University recommends the initiation of end semester project from 8th semester onwards. ? The project guide along with Project Monitoring Committee conduct 3 project reviews during 8th semester as per the rubrics ? The progress of project is periodically monitored by a review committee headed by HOD and

	project coordinator. The evaluation is carried out to assess both individual and team performance. ? After total evaluation, the PMC proposes a Best Project Award which is given to the students of every programme for the best project. These in turn encourage and motivate students to explore many thought provoking ideas/problems. ? The department will encourage students to participate in project events during any association activities and also guide the students to publish the paper in conference/journal forums. • The faculty members are encouraged to publish their research contributions in various National International Journals and conferences. Also encouraged to publish research papers in refereed journals with high impact factor. • Motivates to submit research proposals for various funding agencies • The institute encourages the research scholars by providing on-duty leave to succeed in their research. Also motivates the faculty members to attend research oriented seminars/workshops/conferences, etc., by providing special on-duty leave. • Encouraging faculty members to pursue Ph.D. programme in reputed universities • The institute supports the researchers by providing high end computing facility with necessary software and with modern equipment • The institute central library facilitates research oriented books, journals e-journals for research reference. • Our institution constantly encourage in submission of funding proposal to government agencies • like TNSCT, ISRO,DRDO,DST etc.
Examination and Evaluation	• Examination cell plays a key role in evaluation part. The Examination Cell (Exam Cell) is headed by the Chief Superintendent of Examinations with supporting staff. • Further, Exam cell coordinates with the Anna University regarding all examination matters. The Co-ordinator of Examinations supports the Principal in regards to all examination matters. Any information either received or required to be sent to the University are being dealt with in the Exam cell. Any circular, guidelines, office order, notifications received by the college is processed in the cell reply thereof prepared and

after Principals signature dispatched to the University. • The Prime responsibility of Examination Cell is conducting of all examinations (Both Internal and External Exams) in fair and systematic manner under the directions of the Chief Superintendent of Examinations. • Our institution acted as nodal centre for conducting Anna University Examination. The primary work of the nodal centre is all the question papers are distributed to nearby colleges. • Internal Exam: Continuous assessment strategy is introduced which includes average of two slip test marks (25), Assignment marks (15) and Attendance Marks (10). ? Question paper: The systematic procedures are followed before submission of the Assessment question papers to the Exam cell. Two sets of Assessment exam question papers (AT-1, AT-2, and MODEL) are collected well in advance which strongly emphasize the completion of syllabus before assessment examination. Since two sets of question papers have been collected, there will not be any outflow in question paper. ? Syllabus coverage form: Syllabus coverage form is also collected before the start of assessment to ensure completion of portions. If any incompliance in syllabus coverage for a particular course, a schedule is allotted before the start of assessment tests. ? Conduction of Examination: For smooth conduction of Examination, Exam cell do the following work. ? Making multiple copies of Question papers as per student's strength. ? Conducting Assessment Test and Model Exams as per the schedule. ? Preparing Hall plan, Seating Arrangement, Duty list and Squad duty list ? Issuing answer script and question papers as per the hall allotment. ? Collecting answer script after the test. ? Issuing answer script to staff members for correction. ? Preparing mark entry forms. ? Preparing Attendance sheets for Assessment Test and Model Examinations. ? Central Valuation: The valuation is centralized for Assessment test and Model exam. The evaluation process should be done within 2 days of completion of Exam. The mark is entered during the valuation and it is submitted to exam

cell. The paper is distributed to the students on specified date and it is again submitted to exam cell with acknowledged by students. ? Result: After completion of valuation, in the department result analysis is done to know the status of individual subjects and department result. And it is submitted to exam cell. The exam cell coordinator prepared cumulative status to analyse the result in institution level. The continuous assessment aids in identification of the slow learners. Further counselling and special training are imparted to the slow learners to enable them to perform better in the Anna University Examinations. ? Test report: Test report has been designed and to be maintained by the HOD. Test report comprises of number of students passed, number of students more than average level, and reason for poor performance and corrective action. The test report enables the course instructor to continuous monitor the students performance and it's also acts a follow up report after each test which helps in continuous monitoring of a subject by the Heads. This serves as a node where clear focus for subject can be made. ? Web portal entry: In Anna University, internal marks had been calculated based on three entries of web portal marks. Web portal 1 contains only attendance, Web portal 2 to 4 contains attendance and Mark (100). Internal marks will be displayed in notice board for the transparency. ? Revision Class: Procedure for the Conduct of revision classes are framed by the Institute level co-coordinator and its flow are monitored by the corresponding department co-coordinator. Continuous monitoring and tracking by the course instructor during coaching is mandatory. For weak student, intensive coaching classes will be planned. Special care is given to the students individually. • External Exam: ? After completion of web portal entry, hall tickets are generated who have attendance percentage above 75 by Anna University-Chennai and it is distributed to students. Medical claim is possible for the students who have attendance from 65 to 75. ? Receiving Hall Tickets from

		the University Issuing it to the Students ? Exam schedule intimation ? Coordinating with Other college Exam Cells for the exchange of External Invigilators ? Exam Duty Allocation to Staff ? Appointment orders to Staff for deputing them to other Colleges as External Invigilators ? Confirming Internal and External Invigilators with other Colleges ? Maintaining Stock Register ? Receiving Question Papers from the University ? Preparing Hall Allotment and Seating Arrangement for University Exams. ? Commencing and closing the Examination as per the University rule. ? Student's absenteeism during Examinations will be maintained and it should be intimated to the University periodically. ? Providing Attendance to External Examiners. ? Providing proper information to the University Squad members during the Examinations (so far not even a single malpractice case is booked). ? Expenses for conducting both Theory and Practical Examination will be maintained and it should be sent to University for verification and settlement. ? Preparing Practical Schedule and updating the same in the University Web Portal. ? Confirming Internal and External Examiners for the Practical Examinations. ? Checking Answer Booklets received from University whether they are in good condition. ? Preparing Answer Booklet Covers with Register number of the students. ? Answer scripts are made as bundles and it should be sent to University daily during the Examinations. ? Receiving University Grade sheets and issuing the same to the students. ? Generating Issuing Exam Applications to the student. ? Making the students to pay the Examination fee on time. ? Generating Revaluation Applications, Issuing the same to the students and filled in applications will be sent to University. ? Downloading University Results, displaying it for the students and Result Analysis will be prepared.
	Teaching and Learning	? Teaching and Learning Our college is aware that Teaching-Learning process is crucial part of outcome based education and implements/employs as the set of activities engaging with students to enable them to acquire the

knowledge, skills and attitudes. • Academic Calendar: The academic calendar serves as an information source and planning document for students, faculty, staff and departments. The academic calendar is displayed in our college website for remote access by students and faculty. The academic calendar includes ? Start and end dates of commencement of the slip test ? Class committee meeting ? Counseling ? Syllabus coverage status Academic Audit ? Commencement of Assessment test ? Project review dates ? Revision class ? Co-curricular like Seminar, guest lectures, Symposium and conference, Professional Society events namely Student Enrichment Programme and Faculty Enrichment Programme ? Extracurricular activities like Sports day, Annual Day and Institute level cultural day • Timetable: Structured time table will also have an impact in proper planning of work. A well-organized timetable basically helps the faculty to take control of the day from one hour to the next. Time table consists of Subject name with code, Subject Handling Faculty Name, Subject hours, Class strength, counsellors, Class Committee Members, Chairperson details and Professional Society hour/Counselling hour, PDP hour. Also planned to include Library hour to utilise library resources. • Course Plan: Course plan is a vital component of the teaching-learning process. Design of course plan is inclusive of Syllabus, Objective of a course and individual units learning outcomes, list of references, usage of teaching aids, planning of assessment tests and assignment submission. It is prepared well in advance for the effective planning of content delivery. • Content delivery Process: There is no "one style fits all" approach for teaching. The Teaching-Learning process is strengthened through Chalk Board, Power point presentation, Video Lectures, Models, Charts, Animation, etc., and adopting various teaching methods like Lecture, Group Discussion, Seminar, Tutorials, Guest lectures, Demonstration etc., • Monitoring TLP: The Teaching-Learning Process is reviewed based on the data recorded in the Log book by the Head of the

	Department. Feedback regarding the Teaching - Learning process is collected from students by feedback form, During Counseling session and Class committee meetings. • Addressing issues related to course ? Extra lectures are allocated for courses of difficult nature. ? Visiting faculty is invited to give extra knowledge about the topic. ? Value added courses are conducted ? Online course is supported learning the basic latest subjects with good knowledge • Addressing issues of faculty ? Mentoring and guidance to faculty for a course handled by him/her by senior/competent faculty ? FDP's are conducted for faculties • Addressing issues of individual student: ? Remedial classes for slow learners ? Addressing the student personal issues is also done by various committees like Grievance Redressal Cell, Women cell, VISHAKA cell, Counselling Healthcare Cell and Anti ragging Cell.
Curriculum Development	Our institute adheres to curriculum and syllabi as prescribed by Anna University, Chennai. The syllabi comprises of multifaceted courses covering theory, practical and project. The revised Anna University Curriculum R-2017 has revealed the programme curriculum grouping of courses. The college organizes Guest Lectures, Seminars, Industrial Visits and various training programme to supplement the curricular. The institution collects the feedback from stakeholders like students, parents, industry and alumnae for the overall effective improvement.

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

E-governace area	Details
Planning and Development	Planning and development activities are fulfilled through Governing council as per the requirement of the AICTE from time to time.
Finance and Accounts	Finance and accounts section uses Tally and excel for carrying out various accounting activities. Accounting activities carried out using Tally.
Student Admission and Support	Students admission and their supporting activities are maintained through E-Software and the absentees of the students are maintained through Prezenta software

Examination	The internal marks of the students are submitted through university portal and results are published through online via university portal
Administration	Institutional administrative office is automized and the operations are through Office Management Software.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Quality Teachers	NA	27/02/2018	27/02/2018	164	55
2019	NA	MS-Office	20/06/2019	20/06/2019	Nill	22
2019	NA	TALLY	20/06/2019	20/06/2019	Nill	4
2019	DS Group Founder Chairman Shri.A.Srinivasan Lecture series	DS Group Founder Chairman Shri.A.Srinivasan Lecture series	27/07/2019	27/07/2019	132	64
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Enrichment program	152	14/09/2019	14/09/2019	1
Art of learning	146	28/06/2019	28/06/2019	1

| Quality Teachers | 164 | 27/10/2019 | 27/10/2019 | 1 |
| Guidance and Motivational towards OBE | 162 | 17/09/2019 | 17/09/2019 | 1 |

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	12	2	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Medical Reimbursement in case of major accidents. • Educational loan for higher studies. • Free admission for children of employee and concession of fees for them. • The management grants Maternity, Medical and Marriage leave. • On-Duty facility is extended wherever applicable. • Provide seed money for doing research. • Free Medical Aid through Dhanalakshmi Srinivasan Medical College and Hospital	• Medical Reimbursement in case of major accidents. • Educational loan for higher studies. • Free admission for children of employee and concession of fees for them. • The management grants Maternity, Medical and Marriage leave. • On-Duty facility is extended wherever applicable. • Free Medical Aid through Dhanalakshmi Srinivasan Medical College and Hospital.	• Fee waiver scheme has been provided to economically weaker students, sports persons, best cultural performers and achievers in research. • The Management offerings no fees for the students who are all cleared DMAT exam conducted by our management • A health centre is available on the campus which consists of part-time Medical Officer, full-time Staff-Nurse, Life-saving medicines, Ambulance and cars for the emergency, First-aid boxes at key locations. • Battery operated cars to help mobility of physically disabled. • Well-equipped infrastructure for disabled students. • Transport subsidies for the needy • Psychological counselling • Yoga for mental wellbeing

6.4 – Financial Management and Resource Mobilization

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

• Institute has made the necessary provisions in the books of accounts towards efficient use of available funds for each academic year. The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purposes. • Towards this end, every year, the budget is prepared centrally well in advance after taking into consideration the requirements of every department coupled with the strategic objectives of the institution. • The budget is reviewed by the

management and approved after necessary changes. As and when required, the institute makes a provision for advance/additional funds. • The Trustees approves the annual expenditure, scrutinizes the balance sheet and provides feedback for further optimal use of financial resources. • Financial audits are conducted by a certified auditor every financial year to verify the compliance with established financial processes.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA

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6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA, Anna University, Senior academician	Yes	IQAC
Administrative	Yes	AUDITOR	Yes	DS Trustees

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

• Each department organizes parents-teachers meeting periodically and provides an opportunity for parents to discuss the academic performance of their wards with the faculty concerned. The departmental activities are presented to the parents. • During the start of meeting, audio visual presentations is presented by the Heads comprising of all the ongoing activities in the department and also at Institute level. This helps the parents to analyze about the happenings in the college. Result performance comparison and internal mark calculation etc. are presented. • On the day of meeting, counselor interaction with the parents also will be arranged. This meeting acts as a platform between parents and the department. • Student performance is informed periodically to the parents through letter, SMS through PREZENTA. • Faculty advisor takes the responsibility of individual student's performance and periodically updates it to parents. • Mentor meeting is conducted for the students by the individual faculty to ensure the improvement in academics and co-curricular activities. The purpose of this meeting is to conduct the SWOT (Strength, Weakness, Threats and Opportunities) analysis of students. • Also Parents' participation in First year inaugural function, Alumni Meet, Graduation Day Function and Appointment Letter Distribution day.

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

• Arrangement of computer training programmes related to Tally and MS- office for Non-teaching staff and office staffs. • Arranging training programmes for strengthening the knowledge of using latest facilities and equipment • Awareness talks on health and hygiene. • NSS organized Awareness on Fire safety Programme with the help of Fire safety department. Practical demonstration is done for the technical staff members. • Both Teaching / Non-teaching are

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

• **National symposium was organized by all departments in a day with enormous manner. • Self Help Group is planned to assist the students toward Motivating and also Presentation/Writing and Valuation procedures. • Student Care Center is strengthened to give counseling, Excel the students in their career and to motivate them to address the issues in the society • "DS Group Founder Chairman Shri.A.Srinivasan Lecture series" is organized**

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women's Empowerment program	**08/03/2019**	**08/03/2019**	**83**	**Nill**

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

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

• **Different media used such as short films, audio, visual and advertisements, posters, competitions, meetings etc. for spreading messages concerning environment and awareness. • Students are motivated to give awareness about waste water recycling, global gas and rain water harvesting through short films and club activities**

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**1**
Ramp/Rails	**Yes**	**1**
Rest Rooms	**Yes**	**602**
Special skill development for differently abled students	**Yes**	**1**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	21/12/2018	1	Blood donation camp	Collect the rare blood group	24
2019	1	1	01/06/2019	1	Transport facility for long distance	Facility arranged	45

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
DSEC Times	29/11/2018	Magazine will be published at the end of the academic year which includes institution development, achievements student activities, curriculum and Co-Curriculum of that academic year

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

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

The institution has extensively implemented ecological practices in water and energy conservation and waste management on the campus. • Labelling of trees in the campus with their botanical names • Plastic free campus • Solar energy is used in the hostel to save energy. • Eco club is used to spread awareness about environmental pollution and to reduce pollution in the campus. Cleaning Campaign is organized at both College Premises and Hostel Premises. • Tree plantation: ? The institution has a green environment with several trees to maintain the ecology of the place.NSS Committee of the college organizes regular plantation drives and save-the-trees drives periodically.Infrastructure is well supervised with the help of Supervisors. A committed Horticulturist team maintains the green landscape. • Rainwater Harvesting Wastewater recycling ? Rainwater harvesting is the accumulation and storage of rainwater for reuse on-site, rather than allowing it to run off. The main scope is to find out whether the students have an awareness of Rain Harvesting or not. ? The rain water from roofs is collected through the well-designed network of pipes. The network of pipes helps collect water in underground tanks and specially

constructed recharge pits to recharge the tube wells and aquifers. ? Rain water harvesting also reduces the water logging problem within the campus. ? Wastewater is recycled and it is used for garden. ? A total of around 300 students of various department visited Rainwater Harvesting plants in our campus. • Drip irrigation: ? Drip irrigation process followed in our institution. It is the most efficient water and nutrient delivery system for growing crops. ? It delivers water and nutrients directly to the plant's roots zone, in the right amounts, at the right time, so each plant gets exactly what it needs, when it needs it, to grow optimally.This process saves water as well as fertilizers. • V-Care: ? This club is initiated to provide awareness about green environment. Also to prepare and organize students' participation for preservation and conservation of environment. • It uses different media such as Short films, Advertisements, Posters, Competitions, Meetings etc. for spreading messages concerning environment and awareness.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice 1: Value added course ? As per Anna University regulation 2017, the Students may contribute their knowledge in Value Added Courses and also they can earn credits through the Value Added Courses. ? For that purpose one / two credit courses are offered by a Department with the prior approval from the Head of the Institution. • Goal: ? To meet the growing demands of corporate and groom into a complete human being ? To develop the skills of students ? A value added course can increase the student's quality. For example, offering one year course to support on respective field. Additionally, individuals can bring advanced skills to a position. • Initiatives: The institution initiated following work for applying value added course to Centre for Academic Courses and the Controller of Examinations from all discipline. ? The department has to identify the course which is not a part of Anna University curriculum. ? The detailed syllabus should be framed. The duration of value added courses is 15 (30) periods of theory or a maximum of theory and Laboratory courses. The course can have a maximum of three hours per day. ? The schedule and faculty for the selected value added course is sent to the Centre for Academic Courses and the Controller of Examinations after approval from the Head of the Institution concerned atleast one month before the course is offered. ? The following Value Added Courses are offered to improve the Technical knowledge and to create awareness on the emerging trends in their respective fields. S. No. Department Course Name No. of Students enrolled 1. Civil Engineering Vaasthu and Building Plan 70 Interior Decoration 70 3Ds MAX 21 2. Computer Science and Engineering Case Study: Operating System Design 69 Case Study: Network Design 68 3. Electronics Communication Engineering Electronic Circuits Making and PCB Design 126 4. Mechanical Engineering Modeling for Design Engineers 60 5. Information Technology Data Mining Laboratory 19 Multimedia Laboratory 19 Visual Basic Laboratory 10 6. Electrical and Electronics Engineering Energy Conservation, Management and Audit 110 Practice 2: Skill Development Program (SDP): • Goal: ? The main objective behind the training program on I-Learn is to get the students learn the essentialins and outs of skills from start to end and what's in between. Along with that, the DSEC students to understand what to focus when managing their work, specially the projects they work on. That is, being successful professional their needs to be a balanced focus on all aspects of the project, from individual team members to the team itself to the task on hand. ? To make the students to achieve the mark of developed nation, have to lead the industrial revolution that is only possible to strengthen the quality of our Higher Educational Institution. • Initiative: ? Our Institution organizes Skill Development Programme "I-Learn"@ DSEC on 20.06.2019 to 28.06.2019 for First year, Second year, Third year and Final year named as Year Module Name I A1 CAMPAIGN (Associate) II C2 CAMPAIGN

(C, Clean) III E3 CAMPAIGN (Educate, Enhance and Expertise) IV G4 CAMPAIGN (Group, Grow, Gain, Graduate) • Execution: ? I Year: A1 CAMPAIGN (Associate): The different sections are included in A1 Campaign English for Engineers Maths Made Easy Serious About Physics' Genius Computer Literacy Engineering Language Life Skills PATS / TAI Initially the students are all advised to complete their registration process. Dr.P.Malathi, M.E.Phd Principal, at Dhanalakshmi Srinivasan college of Engineering, Perambalur was invited as the chief guest. She inspired the students by her motivational speech. ? II Year: C2 CAMPAIGN (C, Clean): It is scheduled as Module Description C Programming Basic programming language-Syllabus has to be framed for Programming and lab C Lab Conduct / Completion of Lab Experiments Students Forum T3 (Train To Talk), Interaction Forum With the help of PG Students Freeware Presentation regarding the awareness of freewares available e-Resources Presentation about the resources available and the scope for improvement in their studies Seminar Art of Learning-Seminar Test Feedback Question Formulation, Feedback form, Evaluation to be carried out by the department as per AU 2017 Guidelines Attendance Attendance to be collected by the department faculty members in both FN and AN and the same to be compiled within 1 hour and to be submitted to Principal and the defaulters to be monitored Cleaning Campaign DSEC Campus Cleaning All second year students were grouped as ? GROUP-A: BME-A, BME-B, CIVIL, CSE-A, CSE-B ? GROUP-B: MECH-A, MECH-B, IT, ECE, EEE. ? Time table, Course Plan for all activity was prepared in advance. ? In this activity Students were learned the basics of C both in theory and practical. Also students had gained knowledge about Freeware and e-Resources availability in the websites. To improve the communication skills students were participated in students Forum. And finally cleaning campaign activity was conducted to provide clean environment. ? III Year: E3 CAMPAIGN (Educate, Enhance and Expertise) It is scheduled as MODULE DESCRIPTION Value Added Course Department Specific Nutrition Diet Awareness Program/Presentation/ Competition can be Planned IPT Evaluation Monitor the evaluation procedure for IPT Life Assessment Awareness Program/Presentation/ Competition can be Planned Letter / Resume Modules to be framed and the outcome is the draft of resume Higher Studies Presentation regarding the higher studies/opportunities at other sectors Fun games To develop their skills, games has to be planned Health Hygiene Awareness Program/Presentation/ Competition can be Planned Seminar Art of Learning-Seminar Test Feedback Question Formulation, Feedback form, Evaluation to be carried out by the department as per AU 2017 Guidelines Attendance Attendance to be collected by the department faculty members in both FN and AN and the same to be compiled within 1 hour and to be submitted to Principal and the defaulters to be monitored Rainwater Harvesting Energy Management And Maintenance DSEC Campus ? Value Added Course: Emerging trends in technical and professional education call for value addition i.e. students must acquire something more than what is provided in the curriculum. ? IPT Evaluation: The main objective of Industrial Training is to expose the students to actual working environment and enhance their knowledge and skill from what they have learned in the college. Another purpose of this program is to instill the good qualities of integrity, responsibility and self confidence. The participants are evaluated on their performance and shared their knowledge about various aspects of the programme. ? Nutrition Diet: We provide counseling about the various health problems and create awareness about food safety of the respondents by a team of representatives. And also we create awareness about the health status of the students in the campus. ? Life Assessment: Planning and Assessment has ensured that services provided to students facilitate their learning and allow them to be successful. The Assessment Committee for Student Life leads the division in its commitment to creating and cultivating a culture of assessment, and to promoting best practices in the field. ? Higher Studies: Higher education provides people with an opportunity to reflect on the critical, social, economic, cultural, moral and spiritual issues facing

humanity. It contributes to national development through dissemination of specialized knowledge and skill ? Fun Games: Group game playing builds team spirit and pushes us out of our comfort zone and into conversation. Group game playing also encourages a healthy competitiveness between the members. ? Health hygiene: Learn about making good food choices, how to maintain a healthy diet and lifestyle, and avoiding diet-related illnesses such as Type II diabetes and obesity. ? Rainwater harvesting and Energy Management and Maintenance: Rainwater harvesting is the accumulation and storage of rainwater for reuse on-site, rather than allowing it to run off. The main scope is to find out whether the students have an awareness of Rain Harvesting or not. The rain water from roofs is collected through the well-designed network of pipes. The network of pipes helps collect water in underground tanks and specially constructed recharge pits to recharge the tube wells and aquifers. Rain water harvesting also reduces the water logging problem within the campus. A total of around 300 students of various department visited Rainwater Harvesting and Energy Management and Maintenance plants in our campus. ? IV Year: G4 CAMPAIGN (Group, Grow, Gain, Graduate): MODULE DESCRIPTION Technical focus Department Specific Aptitude Syllabus has to be framed Group discussion Conduct of Discussion Fun games To develop their skills, games has to be planned Soft skill Modules has to be framed IPT evaluation Monitor the evaluation procedure for IPT Letter / Resume Modules to be framed and the outcome is the draft of resume Students Forum T3 (Train To Talk),Interaction Forum With the help of PG Students Test Feedback Question Formulation, Feedback form, Evaluation to be carried out by the department as per AU2017 Guidelines Attendance Attendance to be collected by the department faculty members in both FN and AN and the same to be compiled within 1 hour and to be submitted to Principal and the defaulters to be monitored

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.dsengg.ac.in/

7.3 – Institutional Distinctiveness

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

- Institution is keen on nurturing its students to develop into industry-ready professionals and competent entrepreneurs. The definition of employability skills keeps on changing in a world whose technological frontiers are pushing outward day by day. • The following events are organized to improve the performance S. No. Event Name Organizing Date 1. Seminar on study abroad 12.07.218 2. Interdisciplinary activity to MCA 02.08.2018 3. Professional society talk on "skills needed for MBA to get job in MNC's" 11.08.2018 4. MOCKATHON 2018 05.09.2018 5. MOCKATHON 2018 27.09.2018 28.09.2018 6. National Level Technical Symposium – DECIBERTZ'18 07.09.2018 7. National Level Technical Symposium-BIOCONCLAVE'18 07.09.2018 8. National Technical Symposium - E 3 FEST 2K18 07.09.2018 9. Paradigm shift in HR Indus 08.09.2018 10. Faculty seminar on "Quality Teachers" 27.10.2018 11. Guest Lecture Material science Design principl of growth factor delivery system in tissue engineering regenerative medicine 23.01.2019 12. Research technology 02.02.2019 13. Skill Development Programme 20.06.2019 – 28.06.2019 14. Art of learning 28.06.2019

Provide the weblink of the institution
https://www.dsengg.ac.in/

8.Future Plans of Actions for Next Academic Year

To strengthen and promote the Research and Develpment related activities plan for the autonomous and work to improve the curriculum