Yearly Status Report - 2019-2020

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@dsengg.ac.in**
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

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**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.05	2015	03-Mar-2015	02-Mar-202

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/ beneficia
Skill Development Programme	20-Jun-2019 8	797
Orientation Programme	25-Sep-2019 3	245
V- Care	10-Aug-2020 8	132

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	Am
Dr.S.Durairaj Dhanalakshmi Srinivasan Engineering College	SKILL AND PERSONALITY DEVELOPMENT PROGRAM CENTRE FOR SC/ ST STUDENTS	AICTE	2019 360	120(

No Files Uploaded !!!

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest	**View File**

notification of formation of IQAC	
10. Number of IQAC meetings held during the year :	3
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?	Yes
If yes, mention the amount	1200000
Year	2019

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

To provide a valuable support for getting the autonomy status of the institution Guided to write the proposal and getting funds from AICTE, Etc.. for Conducting STTP, FDP, SIP programme. Organize Skill developmer programme help the students to learn the essential skills of their

programme Organize the Orientation programme on " Road map to Autonomy"
the teachers to know the awareness of Autonomous status

No Files Uploaded !!!

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
CONTINUOUS ASSESSMENT (CA)	The primary aim of introducing Continuous assessment (CA) to improve the performance of students. The components of (are attendance, periodical test, assignment and assessment test. Based on performance in Assessment test, AA mark (Additional assessment) will be provided to the students.
EMC (EXAM CELL MONITORING COMMITTEE)	EMC ensures the start up timing of students for exam. Late comers are monitored by EMC. It periodically checks the effectiveness of conduct of exam during assessment and mode test. The malpractices of students are reduced through regular monitoring by EMC.
PCD (PERSONALITY AND CHARACTER DEVELOPMENT)	Yoga helps the students to be benefitted in their physical emotional, spiritual and mental aspects. Yoga classes are arranged for improving student's health and to control an individual's mind, body and soul. The motto of NSS "Not Me But You", reflects the essence of democratic living and upholds the need for self-less service. Our NSS volunteers are highly motivated to strive hard for the well-being of society. The camps were organized based on the themes as p the recommendations of the University. Clubs like E, ECO, ENERGY and WATER club actively conducts Awareness Programm and specific activities in relevance to their clubs.
FARD	Fees, Attendance, Result and Discipline are the vital role the regular routine activities. To ensure the effective progress in FARD, a coordinator has been nominated for cumulative analysis of all the classes in the Department.

No Files Uploaded !!!

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Management	24-Jun-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**27-Nov-2019**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**11-Feb-2020**
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 Institution owns the website https://www.dsengg.ac.i through this all the information is communicated to the stakeholders. The ECollege Software is used to record al the financial transactions of our college. Prezenta soft is effectively used to record the students' attendance a absentee reports are communicated to the parents. The students' fees and scholarship accounts are maintained through the software. The marks have been recorded in th university portal.**

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. Expla

words

Course plan is a vital component of the teaching-learning process. De
course plan is inclusive of Syllabus, Objective of a course and indiv
units learning outcomes, list of references (Text, Reference Books a
resources), usage of teaching aids, planning of assessment tests
assignment submission, details of assignment topics, content beyond sy
(if identified). The course instructors are instructed to prepare the
plan in prior to the commencement of the semester for the allotted cou
is prepared for both the theory and laboratory courses. The dispatch
course plan to the students from day one for strict adherence to the
made. The teaching-learning process is reviewed based on the data reco
the Log book by the Head of the Department. Content delivery Process
Teaching-Learning process, the lectures are delivered by the faculty
through a set of teaching aids like Chalk & Board, Power point presen
Video Lectures, Models, Charts, Animation, etc., and adopting various
methods like Lecture, Group Discussion, Seminar, Tutorials, Guest lec
Demonstration etc., •Lecture: it is an efficient and traditional meth
delivering substantial information and imparting knowledge to a large
of students. Faculty member explains the concepts, principles, soluti
problems and applications of respective subject. Lectures create an i
in the subject among the students and kindle their creativity for appl
in the field. • Group Discussion: Group discussions are arranged
facilitated by faculty members which will removes scary feel of stude
develops their communication skill and builds their self-confidence
nurtures them to express their views regarding a subject in a polite
The recollection of such topics can be effectively carried out by hos
Group Discussion rather than a lecture course delivery. This approach
paves way to improvise the communication and technical presentation sk
the students. The debate on topics by students effectively improvise
skills of the students. At times, the faculty member summarizes the to
the non-participants of the group discussions such that they apprecia
need for recollection of the topic. At the end of a group discussion
student members have clear and unbiased thoughts. •Seminar: Seminar p
vital part of most academic courses and they give opportunity to stude
discuss the topics in depth with other students, and with the faculty
Seminar is designed for students to talk about topics in the particula
or lectures in detail. •Tutorial: Tutorial classes are conducted to tr
students in analytical subjects. Facilitators promote self-learning a
the students to develop critical thinking skills in their own. Impleme
of tutorial classes helps the students to clear analytical papers
University examination. Guest lecture: The unique teaching capability
faculty member is tapped in this method. The variety of perceptions
subject by different experts is experienced by the students. the me
effectively works for higher levels where the students get a blend
knowledge on focused topics

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma	Dates of	Duration	Focus on

	Courses	Introduction		employability/entrepreneurship	Dev
NA	NA	Nil	0	NA	

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introdu
BTech	Pharmaceutical Technology	15/05/201

No file uploaded.

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementa CBCS/Elective Course
BE	BIOMEDICAL ENGINEERING	03/06/2019
BE	CIVIL ENGINEERING	03/06/2019
BE	COMPUTER SCIENCE AND ENGINEERING	03/06/2019
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	03/06/2019
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	03/06/2019
BE	MECHANICAL ENGINEERING	03/06/2019
BTech	INFORMATION TECHNOLOGY	03/06/2019
ME	CAD/CAM	03/06/2019
ME	COMPUTER SCIENCE AND ENGINEERING	03/06/2019
ME	COMPUTER SCIENCE AND ENGINEERING (WITH SPECIALIZED NETWORKS)	03/06/2019
ME	EMBEDDED SYSTEMS	03/06/2019
MCA	MASTER OF COMPUTER APPLICATIONS	03/06/2019
MBA	MASTER OF BUSINESS ADMINISTRATION	03/06/2019
ME	POWER ELECTRONICS AND DRIVES	03/06/2019
ME	COMMUNICATION SYSTEMS	03/06/2019

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

	Certificate	Diploma Course
	No Data Entered/Not Applicable !!!	

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 Enro
No Data Entered/Not Applicable !!!		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Proj Internships
BE	ECE	2
BE	S&H	210
BE	BME	3

No file uploaded.

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 in (maximum 500 words)

Feedback Obtained

Feedback regarding the Teaching-Learning process is collected from stud feedback form and during Counseling session and Class Committee Meeting Class Committee Meeting (CCM): Class Committee Meetings conducted tw: semester to convey information regarding academic activity and know the of students. It is headed by the Chairperson. The Class Committee mee members are 1. Chairperson 2. Convener 3. Class Advisor 4. Faculty for handling the subjects 5. Student representative Initially Circular is with agenda and circulated to faculty and students. On the day of meet: points concerning agenda to be discussed. Chairperson will circulate th minutes of the meeting to the subject in-charges. Finally Student representatives are asked to discuss the same in the classroom, in which actions taken by the department shall transparent to all student. The taken for the issues discussed will be intimated to the Principal throu • Students feedback: The feedback process provides an opportunity to le strengths and weaknesses of teaching-learning process through the eyes students, the prime stakeholders. The feedback on teaching-learning pro periodically collected by means of a questionnaire from the students fo

the courses. The questionnaire comprises of questions which include the
communicative skills, learning skills and observation skills of the cou
instructor. Unbiased, systematic and scientific analyses of the collect
are used to self-regulation and mid-course correction in modifying, alt
and improvising the existing teaching-learning process. The results of
feedbacks help the faculty to engage themselves in effective teaching-l
process. Feedback reports are reviewed by HOD and discussed with the fa
concerned and necessary corrective and preventive actions are taken. Se
questions was given to the students to get unbiased impartial open-mind
answers about courses. The parameters include knowledge, teaching skill
presentation, communication, and attitude etc,. Apart from questionnair
feedback is collected during class committee meeting and also during
counseling session. The collected feedback is processed by the HODs and
problem will be sorted out. If the faculty performance is not satisfied
faculty will be encouraged to improve their teaching skills by undergoi
and FEP as a corrective action. Feedback from the stakeholders is colle
and on that basis the Institution ensures effective quality assurance.
mechanisms are developed using the guidelines of various quality assura
agencies like NBA, BSI, NAAC and professional bodies for quality educat

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
BTech	PHARMACEUTICAL TECHNOLOGY	60	33
BTech	INFORMATION TECHNOLOGY	60	55
BE	MECHANICAL ENGINEERING	120	62
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	120	68
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	120	76
BE	COMPUTER SCIENCE AND ENGINEERING	120	135
BE	CIVIL ENGINEERING	120	38
BE	BIOMEDICAL ENGINEERING	120	132
ME	COMMUNICATION SYSTEMS	18	1
ME	POWER ELECTRONICS AND DRIVES	18	2

View File

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	Num te teach UG c
2019	567	29	204	54	

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-re and t
258	258	11	8	8	

No file uploaded.

No file uploaded.

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

Counseling System in our institution is effectively directed towards helping students feel the con faculty, department and institution. Counselor taps the potential of their wards, encourages them enhancements and provides suggestions/corrective measures for improvement. Counselor strives betterment of their wards, records and monitors the progress.we are conducting counseling hour students.All the counselors meet their respective students and interact with them to ensure ou

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Men
596	258	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 fa Pl
24	24	24	24	

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at 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, fel received from Governi recognized bodi

2.5 – Evaluation Process and Reforms

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

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

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

Evaluation of Assessment: Pre Plan: Two sets of internal exam question
(AT-1,AT-2,MODEL) will be collected well in advance which strongly emp
about the completion of syllabus before internal exam. Prior submissi
question will formulate the faculties to complete the syllabus. Syll
coverage form is also collected before the start of assessment to ensu
the divergence in the completion of portion. Since two sets of question
have been collected, there will not be any outflow in question paper
improve the performance, micro level planning has been made for the con
slip test. Questions were collected and distributed in prior, in orde
students can formulate it to improve the marks. Assessment: Intern
assessment marks system in general reflects the performance of the st
both in theory and lab. Based on this information faculty will guide
students properly which emphasizes the growth of various abilities th
enabling the faculty to take corrective action as and when required. I
University, internal marks had been calculated based on three entries
portal marks. Theory: Web portal mark assessment procedure is formulate
Assessment Mark : 50 • Continuous Assessment (CA)Mark : 50 • Additi
Assessment Mark : 7 (if student secure >30) Continuous monitoring of s
will be carried out through continuous assessment process. The primary
introducing continuous assessment is to improve the performance of stu
CA mark will be maintained in logbook for each subject. Web portal 1 c
only attendance. Continuous Assessment test(50 mark) for web portal 2
portal 3 is categorized as • Slip test 1Slip test 2Mark has to be avera
25. • Attendance10 • Assignment15 Continuous Assessment test(50 mark)
portal 4 is categorized as • Coaching class attendance has to be conver
25. • Attendance10 • Assignment15 If the students fails to secure <30,
has to attend pick up exam. The details of pick up exam are as follow
weightage of this exam will be 70 marks(Maximum 70 only)The exam que
paper will be same as that of assessment test already appeared, studen
to bring both question paper and answer sheet while coming for exam, w
which they will not be permitted. Not more than 30 of students in a cl

eligible to attend pick up exam. Lab: The internal marks for lab a
calculated as : • Attendance 25 • Observation 25 • Record 25 • Model E
The high score of internal marks will increase overall percentage of ma
strategic approach to the development of the evaluation and assessm
framework provides an opportunity to reflect on the articulations betwe
different evaluations components. Moreover after each test, papers wi
distributed to students and acknowledged by them which create a transp
in valuation methodology.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matt
words)

The Academic Calendar serves as an information source and planning docu
for students and staff. This serves as a key resource for important dat
all the academic activities planned. The academic calendar contains the
details of submission of syllabus coverage for test, start date and end
for slip test, assessment test and model test. Apart from the test, in
to improve the performance in teaching learning process, class committe
been framed. The schedule of meeting date is also planned well in advar
academic calendar. Professional activities details of each department v
designed in academic calendar. To focus on slow learners, special slot
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
each activity in one location.

2.6 – Student Performance and Learning Outcomes

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

https://www.dsengg.ac.in/dsengg-academi-ug-electricalcommu.php

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	P
No Data Entered/Not Applicable !!!					

View File

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design
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 organisati

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount during t
Major Projects	365	DHANALAKSHMI SRINIVASAN SUGAR INDIYA PRIVATE LIMITED	1	0.
Major Projects	720	Zentronics	1	0.
Minor Projects	720	Dhanalakshmi Srinivasan Medical College and Hospital	1	0

No file uploaded.

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	D
Entrepreneurship Development program	HRDC	16/0

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award
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	Sponsered By	Name of the Start-up	Nature of Start-up	Da Comm
Skill Development Centre	SKILL AND PERSONALITY DEVELOPMENT PROGRAM CENTRE FOR SC/ ST STUDENTS	AICTE	Start up Academy – Training on Soft Skills and Competences for Professional Development	Career Enhancement	18/0

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	2	1

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 ~~any)~~
National	Biomedical Engineering	4	Nill
National	Electronics and Communication Engineering	8	Nill
National	Electrical and Electronics Engineering	5	Nill
National	Computer Science and Engineering	5	Nill
National	Information Technology	4	Nill
National	Mechanical Engineering	4	Nill
National	Civil Engineering	4	Nill

No file uploaded.

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 Publi
Electronics and Communication Engineering	2

No file uploaded.

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation inc 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 excluding sel
No Data Entered/Not Applicable !!!						

No file uploaded.

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 affilia mentioned in the pu
No Data Entered/Not Applicable !!!						

No file uploaded.

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

Number of Faculty	International	National	State
Presented papers	7	15	Nill
Attended/Seminars/Workshops	Nill	94	Nill
Resource persons	Nill	Nill	Nill

No file uploaded.

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of st participated activiti
COUNSELING	Women Cell Vishaka Cell	44	127
Tree Plantation	NSS	2	100
Medical Camp	NSS	2	100
Cleaniing Compaign	NSS	2	100
Awareness programme for School Students	NSS	2	100
Health Awareness Programme	NSS	2	100

No file uploaded.

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

Name of the activity	Award/Recognition	Awarding Bodies
Skill and Personality Development Programme Centre for SC/ ST students	Recognition	AICTE
INTERNATIONAL SPACE SCIENCE COMPETITION 2020	Award	Aeronautics and Space Administration (NASA), United States.
National Conference on Innovations in Electronics andCommunication Engineering (NCIECE-20)	Awarded	ndian Society For Technical Education (ISTE)

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	N pa a
Awareness programme towards "Disaster Management"	Mr.U.Dhamodran,B.A, Assistant District Officer, District Officer (Full Additional In-charge), Fire Rescue Works, Perambalur	Disaster Management"	2	
Voters day.	Perambalur District Authorities	RALLY	2	
Factory Visit	Management	CHAKRA MILK PARLOUR	6	
Motivational talk	Management	Women's day day	4	

No file uploaded.

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support
Interdisciplinary Project	4	Managment
Real Time Project	5	Management

No file uploaded.

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, shari
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	F
Softskill Training	Soft Skill Training	Syasans Career Analytics Technology	14/04/2020	31/12/2020	
Internship	Internship	Bluz Informatics Solutions	31/03/2020	26/05/2021	

No file uploaded.

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students participated und
Bluz Informatics Solutions	13/03/2020	Internship/Placement	25
Syasans Career Analytics Technology	13/03/2020	Softskill Training	101
ICT Academy	20/02/2019	Programme Training	34

No file uploaded.

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 deve
750000	734322

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing A
Campus Area	Exi
Class rooms	Newly
Laboratories	Exi
Seminar Halls	Exi
Classrooms with LCD facilities	Newly
Seminar halls with ICT facilities	Newly
Value of the equipment purchased during the year (rs. in lakhs)	Exi
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Exi
Others	Newly

No file uploaded.

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 au
NIRMALS	Fully	6.2.1	200

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39920	4896357	1100	Nill	41020	4{
Reference Books	3620	1206964	500	Nill	4120	1:
e-Books	753	Nill	250	Nill	1003	
Journals	546	913930	Nill	Nill	546	9
Digital Database	2	74000	Nill	Nill	2	'
CD & Video	3900	282900	Nill	Nill	3900	2

No file uploaded.

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of lau content
ECE FACULTYMEMBER	E LEARNING MATERIAL	institutional (Learning Management System (LMS)	25/05/20
EEE FACULTY MEMBERS	E LEARNING MATERIAL	institutional (Learning Management System (LMS)	23/05/20

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidt (MBPS/GBI
Existing	983	10	926	1	1	7	43	100
Added	30	0	30	0	0	0	0	0
Total	1013	10	956	1	1	7	43	100

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 re facility
E LEARNING MATERIALS	https://www.dsengg.ac.in/dsengg-academi- electricalcommu.php

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incu maintenance of p facilites
7.3	7.34	22	22.08

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

The institution has a team for maintenance works for the improvemen
infrastructure.   In addition, the college has a good team of sweeper
scavengers to keep the campus clean.   The institution has a team for
maintenance headed by Estate Officer   Annual maintenance contracts a
place.   Water supply is assured in the college.   The institution ha
high powered Genset with the capacity of400 KVA.   A separate automa
voltage regulator facilities are provided for highvoltage fluctuatio
Lightening arrester is installed in each block.   The short circuit pro
managed by using MCB switches.   Fire extinguishers are made availabl
emergency.   The institution also has electrical storage and mainten
systems like stabilizer, UPS, etc., to take care on fluctuation of el
power supply. Electrical and Mechanical equipments are taken up f
calibration and precision measurement as and when required which is dec
the respective departments.   The diagnostic equipments are calibra
regularly for precise measurement.   Detected calibration faults are r
immediately.

https://www.dsengg.ac.in/dsengg-campus-laboratory-ece.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	Am R
Financial Support from institution	DMAT	1151	21(
Financial Support from Other Sources			
a) National	National Scholarship	1039	11!
b) International	Nill	Nill	N

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development 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 involv
Soft skill development	03/06/2019	710	HRDC Team
Personal Counselling and Mentoring	01/06/2019	2631	All Faculty mem
Yoga	01/06/2020	210	faculty memb
Bridge course	11/07/2019	2631	Resource person Faculty membe
Remedial Class (Q learn)	09/03/2020	414	Faculty membe

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered 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
2019	Higher Education Awareness Programme	679	Nill	32
2019	career Guidance Programme	Nill	679	Nill

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance
5	5	45

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof	Number of	Number of	Nameof	Number of	Nu

organizations visited	students participated	stduents placed	organizations visited	students participated	st p
		No Data Entered/Not Applicable !!!			

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	Nar prog admi
2020	6	B.E	Biomedical Engineering	Affiliated Institutions	
2020	4	B.E	ECE	Affiliated Institutions	
2020	2	B.E	EEE	Affiliated Institutions	
2020	4	B.E	CSE	Affiliated Institutions	

No file uploaded.

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	6
Any Other	9

No file uploaded.

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

Activity	Level	Number of Partici
Cultural Activilty	Inter college Level	48
Sports Activity	District level	148

No file uploaded.

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	Na

| 2020 | Nill | Nill | Nill | Nill | Nill | |

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

The Students are the members of the Class Committee meeting where t putforth the suggestions on Teaching and learning process and they ar the members of the library advisory committee. The Internal Quality as Cell (IQAC) are also have the representatives from the students where play a role for enhancing the quality of the institution. The Student actively involved various committee like Anti ragging, Visaka Cell, Gr Cell, Women Cell, and they are also the members of Club like E club, Club, ECO Club, Water Club.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, The institution has registered Alumni Association.Every year the institute organizes alumni meet.Alumni meet was conducted on 28-11-201! than 50 alumni have attended the meeting and Provide their value input: institution

5.4.2 – No. of enrolled Alumni:

873

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet was conducted on 28-11-2019.More than 50 alumni have atten meeting and give the suggestions about industry expectations.The acti and contributions of the Alumni are giving the guest lecture, career g and arranging placement and motivating the students to extend their v: idea towards fulfilling the requirement of the industry. The Alumnae series have been conducted and the students from various programme participated.

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)

Institutional Values and Social Responsibilities(IVSR):This Practice IV to foster the spirit of social service in our students so that they le recognize it as a larger conditioning framework of their education, a

an integral part of their curriculum. Education without social commitm
hollow, anywhere in the world and in India particularly a compassio
pedagogy is of the essence. Through this Practice the institution hop
give back to society a measure of what it derives from it, therel
strengthening the underlying foundations of socio-economic structure
envisages the growth of socially conscious students, staff and otl
stakeholders, the development of the institution along with improvin
essence of life of the people in the society through environmental <
health and hygiene, tree plantation, literacy programme, promotir
entrepreneurship, gender equality programme, human rights, awareness pi
on AIDS, Dengue Etc. Women empowerment :The College meant exclusivel
women was established in a rural place in the most backward District o
Nadu.The College seeks to function through mutual love and respect,
efficiency and creativity catering to the educational needs of women.
empowerment is done by educating economically underprivileged students
upliftment of the society

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
each):

Strategy Type	Details
Curriculum Development	Our institution is affiliated to Anna University Chenna provides the regulation and curriculum. The revampin regulation is once in 4 years i.e.,R2008 to R2013 and R R2017 which instantaneously upgrades the content of syllabus. • The steps towards identification of curricu is as follows o Programme specific classification of < modules . o Framing of Course Outcomes (COs) for each and Mapping of COs with Pos PSOs o Compliance and Identification of curricular gap Once Gap analysis had done based on the AU Curriculum and the gap had been er by adding the content beyond the syllabus in each of the plan for both theory and practical courses. Implementat the scheduled portions also ensured though the sylla coverage form before the commencement of assessment 1
Library, ICT and Physical Infrastructure / Instrumentation	The Information and Communication Technologies (ICT) a1 for content delivery by faculty. In our institution w having various ICT enabled tools such as Smart Classroo and OHP projectors, Chalk Board, Power point presenta Video Lectures, Models, Charts, Animation, etc.,. Eac Every department has Smart classrooms, LCD and OHP proj which are periodically serviced and maintained in woi condition. Smart classrooms, Static working models, OI projectors and activity based learning methodology are

	whenever required. Batch wise assignments such as handw seminar and power point presentation are implemented. A: text books, auxiliary materials and university question are provided. Study materials are also provided through Visual aids help students to obtain an accurate idea particular topic/process. Visual learning often rates than audio learning for many students. Visual aids also present clearly and smoothly, without complications. lectures and seminars are conducted to update studer knowledge in their stream. This mode of approach help rapid learners to enhance the technical skills to a g extent and enrich their concepts in the curriculum wit industrial oriented applications. Library is fully compu to cater to the needs of the students and faculty memb the college. Most of the library functions such as i: return, reservation, searching of books have been autom installing exclusive NIRMALS software and connected witl (Developing Library Network) New Delhi, through whicl students are able to access the records database of libraries in 33 States and Union Territories in India eight other countries. It offers free Library manage software to member-libraries also it provides Inter-L: Loan and Document Delivery Services to member instituti have an Access over 70,700 Volumes of Books, 20331 title NPTEL videos and e- Journals in the central library wh fully air conditioned with the area of 25,000 sq ft available. The digital library has systems with inte connectivity. We have enrolled as a member of Develo Library Network (DELNET), New Delhi and National Dig Library of India (NDL India) Regarding infrastructure campus is lush green campus and has well equipped labor and smart classrooms. Separate hostel facility is availa both boys and girls with multi cuisine food. 24 hours facility is available in our institution and also we specialized central auditorium with fully air conditi facility and having the seating capacity of 2500 with s art facilities.
Industry Interaction / Collaboration	• MOUs are established with industries relevant to curriculum handled by experts from the concerns. The te aid for practical course conduct is also done with the industries. • Forum of interaction is created by exper industries for invoking the state of art in technical : In recent, Panel discussion on Industry Expectation academics had been organised in 4th International Symp IEEE-ROMA(Robotics and Manufacturing Automation). Membe Various industries like RANE industries, BHEL and TSRM had involved during the interaction. • Faculty Visit to Scheme is followed where the faculty members too have

	encouraged to visit the factory once in a semester to k industrial happenings. In house training is incorporat III year students wherein the students are encourage undergo the training for a period of one week. Both activities are well monitored by the Institute Indus Interaction Cell (IIIC). • Our Institute is accredited w and the programmes specific Circuits labs and Power ele lab are technically supported by CRISP systems and Microsystems respectively. These measures strongly ensu exchange of ideas oriented towards industries.
Human Resource Management	The Institution has Human Resource Development Cell (HR career guidance, Training and Placement of students.A. Guidance Facilities • HRDC provides career counseling students which are a crucial factor in bridging the gap higher education and the work place. o The primary obje this cell is to create positive attitude towards their and the secondary objective is to train the students to in their core company. o HRDC assist students in asse their values, interests, abilities and skills and relat to opportunities for employment. o Awareness program organization culture and climate, Job market and seekers Organization recruitment strategies, Skill set required fresh engineering graduates were conducted by inviting professionals from various types of organizations. Cour for Higher Studies o The HRDC offers guidance to the st in accordance with their ability and interest towards studies. o The HRDC provides information, advice and gu to the students by providing attention to the individua group work by inviting resource persons from vario organizations. o Assistance is provided for the studer attending the model exams of GATE, NET, TANCET, TOEFL CAT, MAT, Banking Defense Service etc., o The offic notifications published by the governing bodies are ta the knowledge of the students by posting it in the depa notice boards and circulated among students through cir C. Pre Placement Training • The HRDC conducts a serie placement and employability skills training programs f benefit of students. This makes them well equipped to f campus recruitment drives conducted by the companies, include aptitude tests, group discussions and perso interviews etc. with confidence. • The Internal trai classes (PDP – Personality Development Program) are ad the academic time table. • Semester wise Syllabus Cours was framed for third year final year PDP classes. • External training programs are also conducted to enhan aptitude and soft skills of the students. • Mock Inter Aptitude Test Group Discussion are conducted periodica inspect and evaluate the effectiveness of the placer

	training program. D. Placement Process and Support o Exe of HRDC visit various companies located in Tamil Na Karnataka, Mumbai, Gujarat and Andhra Pradesh etc. Consistently calls are made to the HR officials of va companies to fix appointments for inviting them to the for the conduct of campus recruitment drive. o Invitati sent via E-mail to HR official Mail Ids along with rel information for inviting them for the campus recruitment o Tentative dates will be allotted and the HR people confirm the dates based on their availability. o J description will be received from the companies. Follow: the students will be categorized and induction training will be initiated on company specific placement paper Companies come to the campus on the allotted dates and recruitment process. o The company will furnish the fin of selected students on the same day of campus visit. the company is unable to declare the result on the sam then the student is allowed to participate in other com o The company will hand over the duly signed hard copy copy of the final selection list to the HRDC. o The letters will be distributed to students on the placement presence of principal and chairman. o Once the student the offer from the organization then the particular st will not be added in any other placement process
Teaching and Learning	• Learning materials comprising of objective and descr questions for the courses of the curriculum are dissem regularly. • Easy access of learning materials is circ through group mail to the students. • Usage of smart LCD projectors and activity based learning methodology wherever required. • Course plan is designed for theo practical courses by taking all the parameters such as reference details, teaching aids usage, assignment deta assessment test portions before the commencement of cla Batch wise determination and three innovative modes assignments like handwritten, presentation and seminar been implemented. • Continuous assessment mode of follo encourage slow learners is also practiced. • Focus is narrowed down for the smooth conduct of lab session via of trial experiments in prior to the reopen of the co which ensures the readiness of the laboratory under assistance of Lab Monitoring Committee. • Project ba learning is enhanced by the regular conduct of review define of problems in prior to the stipulated proj duration(7th Semester) • Digital library is availal comprising of video lectures, NPTEL videos and other jo • All the academic activities related to Teaching Lea Process are reviewed by the HODs. • The performance is in various aspects like Academic, Administrative, Res

	activities and other responsibilities. In order to stre the focus towards enhancing the research culture, a Per: Based Evaluation Scheme (PBES) has been introduced th progress on each aspect is increasing year by yea:
Examination and Evaluation	Evaluation of Assessment: Pre Plan: Two sets of interna question papers (AT-1,AT-2,MODEL) will be collected w advance which strongly emphasize about the completio syllabus before internal exam. Prior submission of qu will formulate the faculties to complete the syllabus. coverage form is also collected before the start of ass to ensure for the divergence in the completion of por Since two sets of question papers have been collected, will not be any outflow in question paper. To improve performance, micro level planning has been made for the of slip test. Questions were collected and distribute prior, in order that students can formulate it to impro marks. Assessment: Internal assessment marks system in reflects the performance of the students both in theo lab. Based on this information faculty will guide the s properly which emphasizes the growth of various abil: thereby enabling the faculty to take corrective action when required. In Anna University, internal marks had calculated based on three entries of web portal marks. Web portal mark assessment procedure is formulated a Assessment Mark : 50 • Continuous Assessment (CA)Mark Additional Assessment Mark : 7 (if student secure > Continuos monitoring of students will be carried out t continuous assessment process. The primary aim of intro continuous assessment is to improve the performance students. CA mark will be maintained in logbook for subject. Web portal 1 contains only attendance. Conti Assessment test(50 mark) for web portal 2 and web porta categorized as • Slip test 1Slip test 2Mark has to be a for 25. • Attendance10 • Assignment15 Continuous Asses test(50 mark) for web portal 4 is categorized as • Co class attendance has to be converted for 25. • Attendar Assignment15 If the students fails to secure <30, he/sh attend pick up exam. The details of pick up exam ar follows: The weightage of this exam will be 70 marks(Ma only)The exam question paper will be same as that of as: test already appeared, students has to bring both que paper and answer sheet while coming for exam, without they will not be permitted. Not more than 30 of studen class are eligible to attend pick up exam. Lab: The in marks for lab are calculated as : • Attendance 25 • Obse 25 • Record 25 • Model Exam 25 The high score of interna will increase overall percentage of marks. A strategic to the development of the evaluation and assessment fra

	provides an opportunity to reflect on the articulations the different evaluations components. Moreover after ead papers will be distributed to students and acknowledged which create a transparency in valuation methodolog Evaluation: Test report has been designed and to be mai by the department Heads of all the years. Test report of number of students passed, number of student's more average level, and reason for poor performance and corr action. Details will be entered after each test which h continuous monitoring of a subject by the Heads. This se a node where clear focus for subject can be made. Rem classes will be planned before the day of assessment te 3.15 pm to 4.50 pm, where students can discuss with faculties regarding the subject and also faculties can conduct of class for the important topic, so that the al for the regular class will get benefit. Internal marks displayed in noticed board after each entry of web port students can avail this practice in positive method th increasing the performance in forthcoming entry.
Research and Development	Every successful academic has an individual approach handling his or her career tasks. An academic has m complicated tasks that must be completed before a ce deadline. Beginners might find this expectation overwh because these tasks might seem unrelated to each othe beginner might be able to complete all the tasks given, quality of the finished products might be low. The purp all the interviews conducted for this paper was to ga information from successful researchers and academics al ways in which they manage their jobs as lecturers researchers. The views and advice received from those models can be summarized as follows. Research Motivat Manage time and work systematically. For example, in management, a systematic timetable will make life m manageable. Software such as Google Calendar can be us this purpose. • Researchers must keep in mind that the motivation in developing their research is their deep i in the field, not because of money. • Every researche have a high degree of confidence and must never give up even at one time a research will seem to reach a dead However, if the researcher is sincere about gaining knowledge, the research will eventually be a success Researchers should never keep quiet about their newly a knowledge and must always be willing to share informati their colleagues. Cooperation is an important asset fo success of a team project. • There is no shortcut to excellent research results, thus time and energy sacrif essential Writing Motivation • Experience is the key achieving the skills of producing excellent and high-q

	writing. Every day is a part of the learning process. • start writing, we must carefully determine the goal of because this goal determines the depth of each writing ¡ • Producing great writing depends on the author's keenr go all-out in the writing process. A quality product benefit not only the science community but also the con at large. • The writer should fully understand what shc written and should choose assignments that have shor deadlines, such as modules and paper works, so that motivation to complete the writing will be greater • quality of a new author's writing can be improved by wor a conference manuscript. This experience will build a writing foundation. • A trusted mentor can be a good re of the manuscript produced. • The writing format specif the assignment should be followed religiously so that clients or customers will be satisfied. • Great writ requires high language proficiency and the ability to ¡ research findings that will have a major impact on the : • It is very important that writers cannot plagiarize tl of others and they have to ensure that their works completely their own. If they have borrowed other wri ideas, they must inform the readers. Outcome: The Fac members of different Programme have been published thei: in several reputed journals. Nearly 246 Journals are pu in the year 2020 in name of our Institutions
Admission of Students	ADMISSION Candidates seeking admission to the first seme the eight semester B.E. / B.Tech. Degree Programme: Shou passed the Higher Secondary Examinations of (102) Curr (Academic Stream) prescribed by the Government of Tami with Mathematics, Physics and Chemistry as three of th subjects of study under Part-III or any examination o other University or authority accepted by the Syndicate University as equivalent thereto. (OR) Should have pass Higher Secondary Examination of Vocational stream (Voca groups in Engineering / Technology) as prescribed by Government of Tamil Nadu. Lateral entry admission : candidates who possess the Diploma in Engineering / Tec awarded by the State Board of Technical Education, Tamil its equivalent are eligible to apply for Lateral en admission to the third semester of B.E. / B.Tech. In the corresponding to the branch of study. (OR) The candidat possess the Degree in Science (B.Sc.,) (1023 stream) Mathematics as a subject at the B.Sc. Level are eligik apply for Lateral entry admission to the third semester / B.Tech. Such candidates shall undergo two additio Engineering subject(s) in the third and fourth semeste prescribed by the University. M. Tech/M. Arch/M.E./M. I Qualifying Exam: Candidates should have Bachelor's deg

equivalent in the respective disciplines • Minimum Marl
should qualify the qualifying degree with at least 50 ag
(45 for the candidates belong to SC/ST categories). •
Score: Candidates those have valid GATE score card fron
2018, 2019 can also apply. For MBA: • Qualifying Ex
Candidate should posses the minimum of 3 years Bachel
degree. • Minimum Marks: Must pass with 50 marks (45
reserved category candidates) in the qualifying deg
examination. For MCA: • Qualifying Exam: Must have
Bachelor's degree with mathematics at 102 and graduation
• Minimum Marks: Should secure at least 50 marks (45 ma
reserved category candidates). For MCA (Lateral Entry
Qualifying Exam: Must have Bachelor's degree of minimum
duration in BCA, B.Sc. (Computer Science/Informati
Technology) with mathematics at 102 level or at Graduate
• Minimum Marks: Candidate should have obtained minimum
marks and 45 marks SC/ST.

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

E-governace area	Details
Planning and Development	The internal marks of the students are submitted thro university portal and results are published through onl: university portal
Administration	Institutional administrative office is automated and operations are through Office Management Software
Finance and Accounts	Finance and accounts section uses Tally and excel for ca out various accounting activities. Accounting activities out using Tally.
Student Admission and Support	Students admission and their supporting activities maintained through E-Software and the absentees of the s are maintained through Prezenta software
Examination	The internal marks of the students are submitted thro university portal and results are published through onl: university portal

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards me
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
No Data Entered/Not Applicable !!!			

View File

6.3.2 – Number of professional development / administrative training programmes organized by the
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)	N pa t
2020	Nill	Nill	Nill	Nill	Nill	

View File

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programr
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
No Data Entered/Not Applicable !!!			

View File

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Ti
22	22	6	6

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 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	• Fee waiver scheme has h provided to economically w students, sports persons, cultural performers and achie research. • The Management of no fees for the students who cleared DMAT exam conducted management • A health cent available on the campus w consists of part-time Med Officer, full-time Staff-N Life-saving medicines, Ambula cars for the emergency, Fir boxes at key locations. • B operated cars to help mobil physically disabled. • Well-e infrastructure for disab

| Medical Aid through Dhanalakshmi Srinivasan Medical College and Hospital | applicable. • Free Medical Aid through Dhanalakshmi Srinivasan Medical College and Hospital. | students. • Transport subsid the needy • Psychologic counselling • Yoga for me 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 efficient use of available funds for each academic year. The college well formulated financial policy which ensures effective and optin utilization of finances for academic, administrative and development pr • Towards this end, every year, the budget is prepared centrally we advance after taking into consideration the requirements of every dep coupled with the strategic objectives of the institution. • The budg reviewed by the management and approved after necessary changes. As ar required, the institute makes a provision for advance/additional fund: Trustees approves the annual expenditure, scrutinizes the balance she provides feedback for further optimal use of financial resources. • Fi audits are conducted by a certified auditor every financial year to ve: compliance with established financial processes.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.
No Data Entered/Not Applicable !!!	

[View File](#)

6.4.3 – Total corpus fund generated

1115738

6.5 – Internal Quality Assurance System

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

Audit Type	External		Intern
	Yes/No	Agency	Yes/No	Au
Academic	Yes	UGC, Anna University, Senior Academician	Yes	
Administrative	Yes	Auditor	Yes	DS ˉ

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

The Parents Meeting for academic year 2019 – 2020 was organized by our was held on 19th of March 2020 at 10.30 am in the Auditorium of our co Many parents were present for the meeting. We received very good respor

the parents. The meeting started with the welcome address and Principa
delivered a motivational talk and interaction on "Awareness on Mobile
and Benefits of Q Learn (remedial class)". He briefed the gathering ab
activities and also explained how the department offers the best pos
learning environment for the students. Subsequently student's attenda
academic performance and other special programme have been briefed t
parents.

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

Our Institution organized Cleaning campaign Program on 06.09.2019 fo
technical staff to create the awareness of the Ozone friendly environm
The Programme Animations made Easy were organized on 14.06.2019 and
conducted Fire safety programme on 11.08.2018 for the technical staff
institution were participated to enrich the awareness of the safety me
in the laboratory.

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

planning to apply for the UGC for the autonomous status in the Academi
2019-2020 and received the Autonomous status for the Period of 10 years
academic year 2020-2021 planning to apply for the new courses like Art
Intelligence and data science, Computer Science and Engineering (CY
SECURITY) in the year 2019 -2020 and the courses are approved by AI
Received the grants from AICTE for the academic year 2019- 2020 for th
and Programme Development Centre.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	
b)Participation in NIRF	
c)ISO certification	
d)NBA or any other quality audit	

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	Num part
2019	Orientation Programme	25/09/2019	25/09/2019	25/09/2019	
2019	V-Care	10/08/2019	10/08/2019	10/08/2019	
2019	Skill Development Programme	20/06/2019	20/06/2019	28/06/2019	2

No file uploaded.

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

the year)

Title of the programme	Period from	Period To	Num Parti
			Femal
Counseling on Psychiatric problems faced by women	31/01/2020	31/01/2020	350
Gynecological problems Malnutrion	18/02/2020	18/02/2020	350
Anti-ragging Awareness Activity in 2020	28/02/2020	28/02/2020	350

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

Percentage of power requirement of the University met by the renewable energy sourc
Recycling and Reusage of Waste water for Irrigation purpose Rainwa harvesting is done by construction of various artifical ponds, can collecting point Etc.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	Nill
Provision for lift	Yes	Nill

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	N par stu
2020	1	Nill	09/03/2020	1	Awareness on mobile usage and benefits of Q Learn	Motivational Talk and Interaction with parents to guide their wards	
2020	1	1	08/02/2020	1	Preventive Measures from the spread of COVID 19	Awareness to the students and People	
2020	1	1	22/02/2020	7	Awareness	Medical Camp	

| | | | | | programme on Sengunam village | and tree plantation , Cleaning Compaign |

No file uploaded.

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	06/01/2020	Magazine will be published at the end of the academic which includes institution development, achievements s activities, curriculum and CoCurriculum of that academ

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	N pa
Awareness on mobile usage and benefits	09/03/2020	09/03/2020	
Preventive measure from the spread of COVID 19	08/02/2020	08/02/2020	
Career Guidance to the higher education Students	18/03/2020	18/03/2020	
Counseling for DSEC women students	31/01/2020	31/01/2020	
Awareness programme on gynecological problems and malnutrition	18/02/2020	18/02/2020	
Awareness programme on GPS to DS instituion Bus drivers	25/01/2020	25/01/2020	
Awareness programme towards disaster management	11/01/2020	11/01/2021	

No file uploaded.

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

Rain Water Harvesting: Our Institutional buildings were planned and de based on water harvesting to increase the level of ground water and conserve water. Nearly 50 rain water harvesting points and different pits were constructed.

Green Campus: Greening the campus is all about sweeping away waste inefficiencies and using conventional sources of energies for its dail needs, correct disposal handling, purchase of environment friendly su and effective recycling program.

Drip Irrigation System: As college has most of area covered by greer irrigation to all this plants as well as Lawn is done by more numbe sprinklers. Due to this large amount of water saving is done..

Waste Water Recycling Plant: Our Institution deploys the technology

recycling waste water and it is used for farming by means of drip irri

Conserve Energy: Our Institution Follows the livestock farming practic
cattle cow dung has converted to fertilizers used for agriculture and
using gobar gas plant which will be considered as a alternative sour
fuel.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice 1 Transparency in Internal Assessment Evaluation
Goal The main objective is to ensure   Uniformity and transparency in a
the Internal Mark throughout the college   Step by step solution in
process of internal assessment   Strict adherence to scheme of CIA as
down by autonomy Context Education create test to measure their stud
understanding of specific content or the effective application of cri
thinking skills. Tests are used to evaluate students learning, skill
growth and academic achievements at the end of the semester. Practic
intension of this practice is to evaluate Students' learning at reg
intervals by conducting the Continuous Internal Assessment tests, M
Examinations, Assignment, Seminar presentation, Attendance, Subject
Fieldwork/ Field visit/ Project work etc. Strict adherence to scheme o
carried out as follows   Basic eligibility for evaluation process is
known to students through notice boards and class counseling.   Inst
notifies assessment process and related documentation on the notice b
This includes circulation of marks and schedule of internal evaluati
Continuous assessment report for all the courses is displayed in
department notice board with break up for components   Staff meeting
conducted periodically to review the evaluation process   Display all
tests marks within a week after end of unit tests   Heads of the depa
cross check the final internal marks.   At the end of each semester
Principal verifies the internal marks of all the students   Solving gr
of students if any Evidence of Success   Attendance of the students
improved   Maintaining and updating student profile after assessment
Parents Teachers Meet   Students understanding capability is identifie
partiality   Transparency improves trust to students   When transpare
shown hierarchy lowers and culture improves Title of the Practice
Institutional Values and Social Responsibilities(IVSR) Goal This Practi
aims to foster the spirit of social service in our students so that the
to recognize it as a larger conditioning framework of their education
also an integral part of their curriculum. Education without social con
is hollow, anywhere in the world and in India particularly a compass:
pedagogy is of the essence. Through this Practice the institution hop
give back to society a measure of what it derives from it, there!
strengthening the underlying foundations of socio-economic structure
envisages the growth of socially conscious students, staff and oth
stakeholders, the development of the institution along with improvin
essence of life of the people in the society through environmental
health and hygiene, tree plantation, literacy programme, promotir

entrepreneurship, gender equality programme, human rights, awareness p
on AIDS, Dengue Menstruation, Pros and Cons during Pregnancy thus pro
consciousness for pregnant women. Context The institution is promoti
participation of the students and the teachers in various extracurri
activities through PART V events which enable them to understand and k
of the societal issues like Essence of life (in terms of Self disci
Culture, Ethics) Education and Employment. It also paves way
maintaining a healthy relationship with the society. While pursui
extracurricular activities in college along with education students
prioritization and time management skills too. Talented students have
groomed personality, which helps them to face the world in a better
Practice The dissemination of knowledge cannot be an isolated academic
of human development for it is intricately informed with the rela
discourses of social, economic, cultural and spiritual growth without
is difficult to sustain a civilization, society or individual. Extracu
activities teach students how to work for a common goal and this ulti
develops a sense of responsibility in them. It increases the level
confidence and also teaches them how to co-operate and work with peop
different conditions. They learn to face the challenges that come in e
and career. The PART V unit of the college has consistently contribut
community outreach initiatives through 1. Literacy programme 2. T
plantation programme 3. Ethics of life 4. Blood donation 5. Yoga
celebration 6. Voter's day 7. Awareness for pregnant woman 8. AIDS Awa
9. Awareness on Menstrual cycle 10. Awareness on dengue 11. Entrepren
development programme 12. Gender equality 13. Women's day celebratio
Awareness on cyber crime 15. Say no to child Labor and child marri
Initiatives taken by the institution to make the campus eco-friendly
of plastics bags strictly banned in the campus. Kitchen and plant wa
decomposed in compost pit. Providing green environment. Rain w
harvesting. Thermocoal free campus Evidence of Success Extracurri
activities increase opportunities for social interaction and new rela
development. As most of these activities are group-oriented which
students from different niches, which gives them a chance to know abou
of different passions and cultures. Interaction with people of diffe
backgrounds helps in development of interpersonal skills of students
evidence of success is measured through Improved self discipline cu
life with moral values Abundant environmental awareness Understa
Importance of gender equity Volunteering for blood donation Star
concentrate on health and hygiene Elimination of mosquito breeding p
Providing tips for pregnant ladies for safe delivery

Upload details of two best practices successfully implemented by the institution as per NAAC your institution website, provide the link
https://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 and thrust in not more than 500 words

VISION An active and committed centre of advanced learning focused on
and training in the fields of Engineering, Technology and Management t
the nation better. Research and Development cell: RD cell promotes a r
culture. Facilitation and promotion of development of the strategic di
of research within the faculty and students, improvements in the quall
impact of that research and the growth of local, national and interna
collaborations. Professional Societies: Regarding domain specific kno
transformation, more than 15 Professional Societies was launched in ou
and is active in organizing the technical events for the betterment d
students and faculty members. HRDC: HRDC provides career counseling t
students which are a crucial factor in bridging the gap between hiç
education and the world of work.

Provide the weblink of the institution

https://www.dsengg.ac.in/dsengg-placement-HRDCELL.php

8.Future Plans of Actions for Next Academic Year

No data enetered!!!