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 /	Affiliated

Constituent	
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Mr.K.Karthick Babu**
Phone no/Alternate Phone no.	**09994043019**
Mobile no.	**9994043019**
Registered Email	**iqacdsec@dsengg.ac.in**
Alternate Email	**iqacdsec1@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**http://dsengg.ac.in/2020/AQAR-Report-2018-19.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%20201**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	**Period To**
1	A	3.05	2015	03-Mar-2015	02-Mar-20:

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

IQAC	

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

L::asset('/'),'public/').'/public/index.php/admin/get_file?
file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

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

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	**View Link**
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 Uploaded 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 developme 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

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

Plan of Action	Achivements/Outcomes
FARD	**Fees, Attendance, Result and Discipline are the vital ro in the regular routine activities. To ensure the effecti progress in FARD, a coordinator has been nominated for cumulative analysis of all the classes in the Department**

PCD (PERSONALITY AND CHARACTER DEVELOPMENT)	Yoga helps the students to be benefitted in their physic emotional, spiritual and mental aspects. Yoga classes ar arranged for improving student's health and to control a individual's mind, body and soul. The motto of NSS "Not But You", reflects the essence of democratic living and upholds the need for self-less service. Our NSS voluntee are highly motivated to strive hard for the well-being o the society. The camps were organized based on the theme as per the recommendations of the University. Clubs like ECO, ENERGY and WATER club actively conducts Awareness Programme and specific activities in relevance to their clubs.
EMC (EXAM CELL MONITORING COMMITTEE)	EMC ensures the start up timing of students for exam. La comers are monitored by EMC. It periodically checks the effectiveness of conduct of exam during assessment and model test. The malpractices of students are reduced through regular monitoring by EMC.
CONTINUOUS ASSESSMENT (CA)	The primary aim of introducing Continuous assessment (CA is to improve the performance of students. The component of CA are attendance, periodical test, assignment and assessment test. Based on performance in Assessment test AA mark (Additional assessment) will be provided to the students.

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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	Yes

data submitted to AISHE:	
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. Exp words

Course plan is a vital component of the teaching-learning process. De course plan is inclusive of Syllabus, Objective of a course and indi 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 co It is prepared for both the theory and laboratory courses. The dispa the course plan to the students from day one for strict adherence to t is made. The teaching-learning process is reviewed based on the data r in the Log book by the Head of the Department. Content delivery Proce the Teaching-Learning process, the lectures are delivered by the fa member through a set of teaching aids like Chalk & Board, Power po presentation, Video Lectures, Models, Charts, Animation, etc., and ad various teaching methods like Lecture, Group Discussion, Seminar, Tut Guest lectures, Demonstration etc., •Lecture: it is an efficient traditional method for delivering substantial information and impar knowledge to a large number of students. Faculty member explains

concepts, principles, solutions to problems and applications of resp
subject. Lectures create an interest in the subject among the studen
kindle their creativity for application in the field. • Group Discus
Group discussions are arranged and facilitated by faculty members whi
removes scary feel of students and develops their communication skil
builds their self-confidence. It nurtures them to express their vi
regarding a subject in a polite manner. The recollection of such topi
be effectively carried out by hosting a Group Discussion rather th
lecture course delivery. This approach also paves way to improvise
communication and technical presentation skills of the students. The
on topics by students effectively improvises the skills of the studer
times, the faculty member summarizes the topic for the non-participa
the group discussions such that they appreciate the need for recolle
the topic. At the end of a group discussion, the student members have
and unbiased thoughts. •Seminar: Seminar plays a vital part of most a
courses and they give opportunity to students to discuss the topics i
with other students, and with the faculty member. Seminar is designe
students to talk about topics in the particular course or lectures in
•Tutorial: Tutorial classes are conducted to train the students in ana
subjects. Facilitators promote self-learning and help the students to
critical thinking skills in their own. Implementation of tutorial cl
helps the students to clear analytical papers in University examina
Guest lecture: The unique teaching capability of each faculty membe
tapped in this method. The variety of perceptions of the subject by di
experts is experienced by the students. the method effectively work
higher levels where the students get a blend of knowledge on focused

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Deve
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

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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	03/06/2019

	ENGINEERING	
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
Number of Students	704	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Numl Students
Energy conservation, Management and AuditEnergy conservation, Management and Audit	28/06/2019	1

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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 Proj Internships
BE	ECE	2
BE	MBA	30
BE	BME	3

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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 ins
(maximum 500 words)

Feedback Obtained

Feedback regarding the Teaching-Learning process is collected from stu
by feedback form and during Counseling session and Class Committee Mee
• Class Committee Meeting (CCM): ☐ Class Committee Meetings conducted
in a semester to convey information regarding academic activity and kn
issues of students. It is headed by the Chairperson. ☐ The Class Commi
meeting members are 1. Chairperson 2. Convener 3. Class Advisor 4. Fac
for handling the subjects 5. Student representative ☐ Initially Circul
formed with agenda and circulated to faculty and students. On the day
meeting, points concerning agenda to be discussed. Chairperson will ci
the minutes of the meeting to the subject in-charges. ☐ Finally Studen
representatives are asked to discuss the same in the classroom, in whi
actions taken by the department shall transparent to all student. ☐ Th
Action taken for the issues discussed will be intimated to the Princip
through HOD. • Students feedback: The feedback process provides an
opportunity to look strengths and weaknesses of teaching-learning proc
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, learnin
skills and observation skills of the course instructor. Unbiased, syst
and scientific analyses of the collected data are used to self-regulat
mid-course correction in modifying, altering and improvising the exist
teaching-learning process. The results of the feedbacks help the facul
engage themselves in effective teaching-learning process. Feedback rep
are reviewed by HOD and discussed with the faculty concerned and neces
corrective and preventive actions are taken. Set of questions was give
the students to get unbiased impartial open-minded answers about cours
parameters include knowledge, teaching skills, presentation, communica
and attitude etc,. Apart from questionnaire, feedback is collected dur
class committee meeting and also during counseling session. The collec
feedback is processed by the HODs and the problem will be sorted out.
faculty performance is not satisfied, the faculty will be encouraged t
improve their teaching skills by undergoing FDP and FEP as a correctiv
action. Feedback from the stakeholders is collected and on that basis
Institution ensures effective quality assurance. IQAC mechanisms are
developed using the guidelines of various quality assurance agencies l
NBA, BSI, NAAC and professional bodies for quality education.

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

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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
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-resources and techniques
258	258	11	8	8	

View File of ICT Tools and resources

View File of E-resources and techniques used

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

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 t
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 with
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, fell received from Governm recognized bodie
2019	Ms.B.Karthiga / ECE	Associate Professor	Appreciation Awar

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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 c
during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of semester-end/ y examination
BE	121	III,V,VII/ II,III,IV	16/10/2019	29/01/202

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (2!

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: Interm
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 F
The high score of internal marks will increase overall percentage of m
    strategic approach to the development of the evaluation and assessm
framework provides an opportunity to reflect on the articulations betw
 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 mat
words)

The Academic Calendar serves as an information source and planning doc
for students and staff. This serves as a key resource for important da
all the academic activities planned. The academic calendar contains th
details of submission of syllabus coverage for test, start date and en
for slip test, assessment test and model test. Apart from the test, in
to improve the performance in teaching learning process, class committ
been framed. The schedule of meeting date is also planned well in adva
academic calendar. Professional activities details of each department
designed in academic calendar. To focus on slow learners, special slot
been prearranged for revision class in academic calendar too. Dates ar
important to the success of any student. It is displayed in our colleg
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	Number of students passed in final year	Pe

121	BE	BME	105	105

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2.7 – Student Satisfaction Survey

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

http://dsengg.ac.in/dsengg-academic-cell-internalqual.php

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 organisat

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

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia 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 ye

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Ca
How to enhance the income of the village	AICTE- Utkrisht Sansthan Vishwakarma Award(USVA)	AICTE	05/03/2020	Inst

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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	AICTE	Start up Academy - Training on Soft Skills and	Career Enhancement	18/0

PROGRAM CENTRE FOR SC/ ST STUDENTS	Competences for Professional Development		

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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	0

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

Type	Department	Number of Publication	Average Impa (if any
National	Biomedical Engineering	2	Nill
National	Electronics and Communication Engineering	4	Nill
National	Electrical and Electronics Engineering	5	Nill
National	Computer Science and Engineering	5	Nill
National	Information Technology	2	Nill
National	Mechanical Engineering	7	Nill
National	Civil Engineering	4	Nill

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

Department	Number of Publi
Electronics and Communication Engineering	2

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation 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	N e s
Mobility Handling in	S Durairaj	IEEE International	2019	1	yes	

| Cluster based Mobile Wireless Sensor Network | Conference on Clean Energy and Energy Efficient | | | | |

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	Inst affi men pul
Double cluster head heterogeneous clustering for optimization in hybrid wireless sensor network	S Durairaj	Wireless Personal Communications 110 (4), 1751–1768	2020	10	1	

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

Number of Faculty	International	National	State
Presented papers	7	15	0
Attended/Seminars/Workshops	0	94	0
Resource persons	0	0	0

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

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

Name of the activity	Award/Recognition	Awarding Bodies	Nu s B
Skill and Personality Development Programme Centre for SC/ ST students	Recognition	AICTE	
International space science competition 2020	Recognition	Aeronautics and Space Administration (NASA), United States.	
National Conference on Innovations in Electronics andCommunication Engineering (NCIECE-20)	Awarded	Indian 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 th

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

3.5 – Collaborations

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

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

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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	

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/ participated under
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

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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 deve
750000	734322

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing Ad
Others	Exis
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Exis

Value of the equipment purchased during the year (rs. in lakhs)	Exis
Seminar halls with ICT facilities	Exis
Classrooms with LCD facilities	Exis
Seminar Halls	Exis
Laboratories	Exis
Class rooms	Newly
Campus Area	Exis

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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 au
NIRMALS	Fully	6.2.1	200

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39920	4896357	1100	0	41020	4
Reference Books	3620	1206964	500	0	4120	1
e-Books	753	0	250	0	1003	
Journals	546	913930	0	0	546	9
Digital Database	2	74000	0	0	2	
CD & Video	3900	282900	0	0	3900	2

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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 & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of laur content
ECE FACULTY MEMBER	E LEARNING MATERIAL	Institutional (Learning Management System (LMS)	25/05/201
EEE FACULTY MEMBERS	E LEARNING MATERIAL	Institutional (Learning Management System (LMS)	23/05/201

View File

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/GBP
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 recordi
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, 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 faciliti laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information 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 autom voltage regulator facilities are provided for highvoltage fluctuatic 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.

http://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	Am< Ru
Financial Support from institution	DMAT	1151	210
Financial Support from Other Sources			
a) National	National Scholarship	1039	119
b) International	Nill	Nill	N

View File

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies invol
Remedial Class (Q learn)	09/03/2020	414	Faculty memb
Bridge course	11/07/2019	2631	Resource perso Faculty memb
Yoga	01/06/2020	210	faculty meml
Personal Counselling and Mentoring	01/06/2019	2631	All Faculty me
Soft skill development	03/06/2019	710	HRDC Team

View File

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	Nu st
2019	Higher Education Awareness Programme	679	0	32	
2019	career Guidance Programme	0	679	0	

View File

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Preventior 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 organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Nu st
10	943	742	6	26	

View File

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	4	B.E	CSE	Affiliated Institutions	
2020	2	B.E	EEE	Affiliated Institutions	
2020	4	B.E	ECE	Affiliated Institutions	
2020	6	B.E	BME	Affiliated Institutions	

View File

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

View File

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

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

View File

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	

View File

5.3.2 – Activity of Student Council & representation of students on academic & administra 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 for the year 2019 was cond on 28-11-2019.More than 50 alumni have attended the meeting and Provid their value inputs to the 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. Alumnae have attended the m and give the suggestions about industry expectations.The activities contributions of the Alumni are giving the guest lecture, career guida arranging placement and motivating the students to extend their view a towards fulfilling the requirement of the industry. The Alumnae web have been conducted and the students from various programme are partic

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 yea (maximum 500 words)

Institutional Values and Social Responsibilities(IVSR):This Practice
aims to foster the spirit of social service in our students so that
learn to recognize it as a larger conditioning framework of their edu
and also an integral part of their curriculum. Education without so
commitment is hollow, anywhere in the world and in India particular
compassionate pedagogy is of the essence. Through this Practice t
institution hopes to give back to society a measure of what it derive
it, thereby strengthening the underlying foundations of socio-econ
structures. It envisages the growth of socially conscious students, st
other stakeholders, the development of the institution along with imp
the essence of life of the people in the society through environmenta
health and hygiene, tree plantation, literacy programme, promoti
entrepreneurship, gender equality programme, human rights, awaren
programme on AIDS, Dengue Etc. Women empowerment :The College mea
exclusively for women was established in a rural place in the most ba
District of Tamil Nadu.The College seeks to function through mutual l
respect, with efficiency and creativity catering to the educational ne
women. Women empowerment is done by educating economically underpriv
students for the 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 Che which provides the regulation and curriculum. The rev of regulation is once in 4 years i.e.,R2008 to R201: R2013 to R2017 which instantaneously upgrades the cont the syllabus. • The steps towards identification curricular gap is as follows o Programme specifi classification of course modules . o Framing of Cou Outcomes (COs) for each course and Mapping of COs wit PSOs o Compliance and Identification of curricular ga Gap analysis had been done based on the AU Curriculum gap had been enriched by adding the content beyond syllabus in each of the course plan for both theory practical courses. Implementation of the scheduled po also ensured though the syllabus coverage form befor commencement of assessment test.
Examination and Evaluation	Evaluation of Assessment: Pre Plan: Two sets of intern 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 syllah Syllabus coverage form is also collected before the st assessment to ensure for the divergence in the complet

portion. Since two sets of question papers have be
collected, there will not be any outflow in question
To improve the performance, micro level planning has
made for the conduct of slip test. Questions were col
and distributed in prior, in order that students c
formulate it to improve the marks. Assessment: Inte
assessment marks system in general reflects the perfo
of the students both in theory and lab. Based on t
information faculty will guide the students properly
emphasizes the growth of various abilities thereby en
the faculty to take corrective action as and when req
In Anna University, internal marks had been calculated
on three entries of web portal marks. Theory: Web port
assessment procedure is formulated as: • Assessment Ma
• Continuous Assessment (CA)Mark : 50 • Additional Ass
Mark : 7 (if student secure >30) Continuos monitorin
students will be carried out through continuous asses
process. The primary aim of introducing continuous ass
is to improve the performance of students. CA mark wi
maintained in logbook for each subject. Web portal 1 c
only attendance. Continuous Assessment test(50 mark) i
portal 2 and web portal 3 is categorized as • Slip tes
test 2Mark has to be averaged for 25. • Attendance1
Assignment15 Continuous Assessment test(50 mark) for
portal 4 is categorized as • Coaching class attendance
be converted for 25. • Attendance10 • Assignment15 I
students fails to secure <30, he/she has to attend pi
exam. The details of pick up exam are as follows:
weightage of this exam will be 70 marks(Maximum 70 on
exam question paper will be same as that of assessmen
already appeared, students has to bring both question
and answer sheet while coming for exam, without which
will not be permitted. Not more than 30 of students
class are eligible to attend pick up exam. Lab: The in
marks for lab are calculated as : • Attendance 25
Observation 25 • Record 25 • Model Exam 25 The high sc
internal marks will increase overall percentage of ma
strategic approach to the development of the evaluati
assessment framework provides an opportunity to refle
the articulations between the different evaluatio
components. Moreover after each test, papers will
distributed to students and acknowledged by them which
a transparency in valuation methodology. Evaluation:
report has been designed and to be maintained by t
department Heads of all the years. Test report cont
number of students passed, number of student's more
average level, and reason for poor performance and cor
action. Details will be entered after each test which
in continuous monitoring of a subject by the Heads.
serves as a node where clear focus for subject can be
Remedial classes will be planned before the day of ass

	test from 3.15 pm to 4.50 pm, where students can discu their faculties regarding the subject and also facult: plan the conduct of class for the important topic, so the absentees for the regular class will get benef Internal marks will be displayed in noticed board afte entry of web portal mark, students can avail this prac positive method thereby increasing the performance forthcoming entry.
Library, ICT and Physical Infrastructure / Instrumentation	The Information and Communication Technologies (ICT) a for content delivery by faculty. In our institution v having various ICT enabled tools such as Smart Classr LCD and OHP projectors, Chalk Board, Power point presentation, Video Lectures, Models, Charts, Animat etc.,. Each and Every department has Smart classrooms and OHP projectors which are periodically serviced maintained in working condition. Smart classrooms, S working models, OHP LCD projectors and activity ba learning methodology are used whenever required. Batc assignments such as handwritten, seminar and power p presentation are implemented. Aids like text books, au materials and university question banks are provided. materials are also provided through online. Visual aid students to obtain an accurate idea of the particu topic/process. Visual learning often rates higher than learning for many students. Visual aids also help to p clearly and smoothly, without complications. Guest le and seminars are conducted to update students' knowle their stream. This mode of approach helps the rapid le to enhance the technical skills to a greater extent enrich their concepts in the curriculum with the indu oriented applications. Library is fully computerized t to the needs of the students and faculty members of college. Most of the library functions such as issue, reservation, searching of books have been automated installing exclusive NIRMALS software and connected DELNET (Developing Library Network) New Delhi, through our students are able to access the records database c 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 institu We have an Access over 70,700 Volumes of Books, 20331 , 291 NPTEL videos and e- Journals in the central li which is fully air conditioned with the area of 25,000 are available. The digital library has systems with ir connectivity. We have enrolled as a member of Develc Library Network (DELNET), New Delhi and National Dig Library of India (NDL India) Regarding infrastructure campus is lush green campus and has well equippe laboratories and smart classrooms. Separate hostel fa is available for both boys and girls with multi cuisin

	24 hours wifi facility is available in our institutio also we have specialized central auditorium with full conditioned facility and having the seating capacity o with state of art facilities.
Industry Interaction / Collaboration	• MOUs are established with industries relevant to curriculum handled by experts from the concerns. technical aid for practical course conduct is also dor the help of industries. • Forum of interaction is crea experts from industries for invoking the state of ar technical fields. In recent, Panel discussion on Ind Expectation from academics had been organised in International Symposium IEEE-ROMA(Robotics and Manufac Automation). Members from Various industries like industries, BHEL and TSRM Steels had involved during interaction. • Faculty Visit to Factory Scheme is fol where the faculty members too have been encouraged to the factory once in a semester to know the industr happenings. In house training is incorporated for II students wherein the students are encouraged to under training for a period of one week. Both the activitie well monitored by the Institute Industry Interaction (IIIC). • Our Institute is accredited with TCS and programmes specific Circuits labs and Power electroni are technically supported by CRISP systems and V Microsystems respectively. These measures strongly ens exchange of ideas oriented towards industries.
Human Resource Management	The Institution has Human Resource Development Cell for career guidance, Training and Placement of studer Career Guidance Facilities • HRDC provides career cour to the students which are a crucial factor in bridgir gap between higher education and the work place. o primary objective of this cell is to create positive a towards their career and the secondary objective is to the students to get job in their core company. o HRDC students in assessing their values, interests, abiliti skills and relate these to opportunities for employme Awareness programs on organization culture and climat market and seekers ratio, Organization recruitmer strategies, Skill set required for the fresh enginee graduates were conducted by inviting the HR professi from various types of organizations. Counseling for Studies o The HRDC offers guidance to the students accordance with their ability and interest towards h studies. o The HRDC provides information, advice and g to the students by providing attention to the individu group work by inviting resource persons from vari organizations. o Assistance is provided for the stude 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 dep notice boards and circulated among students throu circulars. C. Pre Placement Training • The HRDC condu series of placement and employability skills train programs for the benefit of students. This makes ther equipped to face the campus recruitment drives conduc the companies, which include aptitude tests, grou discussions and personal interviews etc. with confide The Internal training classes (PDP – Personality Devel Program) are added in the academic time table. • Sem wise Syllabus Course plan was framed for third year year PDP classes. • The External training programs ar conducted to enhance the aptitude and soft skills of students. • Mock Interviews, Aptitude Test Group Disc are conducted periodically to inspect and evaluate effectiveness of the placement training program. D. Pl Process and Support o Executives of HRDC visit var companies located in Tamil Nadu, Karnataka, Mumbai, G and Andhra Pradesh etc., o Consistently calls are made HR officials of various companies to fix appointment inviting them to the college for the conduct of car recruitment drive. o Invitations are sent via E-mail official Mail Ids along with relevant information inviting them for the campus recruitment drive. o Ten dates will be allotted and the HR people will confir dates based on their availability. o Job description received from the companies. Following that the studen be categorized and induction training program will initiated on company specific placement papers. o Com come to the campus on the allotted dates and condu recruitment process. o The company will furnish the list of selected students on the same day of campus vi case the company is unable to declare the result on the day, then the student is allowed to participate in companies. o The company will hand over the duly signe copy or mail copy of the final selection list to the l The offer letters will be distributed to students or placement day in presence of principal and chairman. the student receives the offer from the organization t particular student will not be added in any other pla process.
Teaching and Learning	• Learning materials comprising of objective and descr questions for the courses of the curriculum are disser regularly. • Easy access of learning materials is circ through group mail to the students. • Usage of smart c LCD projectors and activity based learning methodolog used wherever required. • Course plan is designed for and practical courses by taking all the parameters su text and reference details, teaching aids usage, assi details, and assessment test portions before the comme of classes. • Batch wise determination and three inno

	modes of assignments like handwritten, presentation, seminar have been implemented. • Continuous assessment of follow up to encourage slow learners is also practiced. Focus is also narrowed down for the smooth conduct of session via conduct of trial experiments in prior to the reopen of the college which ensures the readiness of laboratory under the assistance of Lab Monitoring Committee. • Project based learning is enhanced by the regular conduct of reviews and define of problems in prior to the stipulated project duration(7th Semester) • Digital library is available comprising of video lectures, NPTEL videos and other journals. • All the academic activities related to Teaching Learning Process are reviewed by the HODs. • The performance is measured in various aspects like Academic, Administration, Research activities and other responsibilities. In order to strengthen the focus towards enhancing the research culture a Performance Based Evaluation Scheme (PBES) has been introduced thereby progress on each aspect is increasing year by year.
Research and Development	Every successful academic has an individual approach to handling his or her career tasks. An academic has many complicated tasks that must be completed before a certain deadline. Beginners might find this expectation overwhelming because these tasks might seem unrelated to each other. A beginner might be able to complete all the tasks given but the quality of the finished products might be low. The purpose of all the interviews conducted for this paper was to gather information from successful researchers and academics about the ways in which they manage their jobs as lecturers and researchers. The views and advice received from the role models can be summarized as follows. Research Motivation • Manage time and work systematically. For example, in time management, a systematic timetable will make life more manageable. Software such as Google Calendar can be used for this purpose. • Researchers must keep in mind that their main motivation in developing their research is their deep interest in the field, not because of money. • Every researcher must have a high degree of confidence and never give up easily even at one time a research will reach a dead end. However, if the researcher is sincere in gaining new knowledge, the research will eventually success. • Researchers should never keep quiet about their newly acquired knowledge and must always be willing to share information with their colleagues. Cooperation is an important asset for the success of a team project. • There is no shortcut to gain excellent research results, thus time and energy sacrifices are essential Writing Motivation • Experience is the key to achieving the skills of producing excellent and high-quality writing. Every day is a part of the learning process. • Before start writing, we must carefully determine the goal of writing because this

	determines the depth of each writing project. • Prod great writing depends on the author's keenness to go in the writing process. A quality product will benefit only the science community but also the community at l The writer should fully understand what should be writ should choose assignments that have shorter deadlines as modules and paper works, so that the motivation complete the writing will be greater • The quality of author's writing can be improved by working on a conf manuscript. This experience will build a good writ foundation. • A trusted mentor can be a good reviewer manuscript produced. • The writing format specified f assignment should be followed religiously so that the or customers will be satisfied. • Great writing requir language proficiency and the ability to process rese findings that will have a major impact on the readers is very important that writers cannot plagiarize the w others and they have to ensure that their works a completely their own. If they have borrowed other wri ideas, they must inform the readers. Outcome: The Fa members of different Programme have been published i papers in several reputed journals. Nearly 246 Journa published in the year 2020 in name of our Instituti
Admission of Students	ADMISSION Candidates seeking admission to the first se of the eight semester B.E. / B.Tech. Degree Programme: have passed the Higher Secondary Examinations of (1 Curriculum (Academic Stream) prescribed by the Governm Tamil Nadu with Mathematics, Physics and Chemistry as of the four subjects of study under Part-III or a examination of any other University or authority accep the Syndicate of Anna University as equivalent thereto Should have passed the Higher Secondary Examination Vocational stream (Vocational groups in Engineerin Technology) as prescribed by the Government of Tamil Lateral entry admission The candidates who possess Diploma in Engineering / Technology awarded by the S Board of Technical Education, Tamilnadu or its equival eligible to apply for Lateral entry admission to the semester of B.E. / B.Tech. In the branch corresponding branch of study. (OR) The candidates who possess the in Science (B.Sc.,) (1023 stream) with Mathematics subject at the B.Sc. Level are eligible to apply for l entry admission to the third semester of B.E. / B.Tech candidates shall undergo two additional Engineeri subject(s) in the third and fourth semesters as prescr the University. M. Tech/M. Arch/M.E./M. Plan: • Quali Exam: Candidates should have Bachelor's degree or equi in the respective disciplines • Minimum Marks: One s qualify the qualifying degree with at least 50 aggrega for the candidates belong to SC/ST categories). • GATE Candidates those have valid GATE score card from 2017,

2019 can also apply. For MBA: • Qualifying Exam: Cand
should posses the minimum of 3 years Bachelor's degr
Minimum Marks: Must pass with 50 marks (45 for rese
category candidates) in the qualifying degree examina
For MCA: • Qualifying Exam: Must have the Bachelor's
with mathematics at 102 and graduation level. • Min
Marks: Should secure at least 50 marks (45 marks for r
category candidates). For MCA (Lateral Entry): • Qual
Exam: Must have Bachelor's degree of minimum 3 years d
in BCA, B.Sc. (Computer Science/Information Technology
mathematics at 102 level or at Graduate level. • Min
Marks: Candidate should have obtained minimum of 50 ma
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 t university portal and results are published through via university portal
Administration	Institutional administrative office is automated a operations are through Office Management Softwa
Finance and Accounts	Finance and accounts section uses Tally and excel carrying out various accounting activities. Accou activities carried out using Tally.
Student Admission and Support	Students admission and their supporting activitie maintained through E-Software and the absentees o students are maintained through Prezenta softwa
Examination	The internal marks of the students are submitted t university portal and results are published through via 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	
2020	S.Sathyamoorthy	International Conference MEEMIC –2020	Management	

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	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Num parti (non- s

	programme organised for teaching staff					
2020	Nill	Nill	Nill	Nill	Nill	N

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Program 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
FDP	144	Nill	Nill

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 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 ha provided to economically students, sports person cultural performers achievers in research. Management offerings n for the students who a cleared DMAT exam condu our management • A he centre is available o campus which consists o time Medical Officer, fu Staff-Nurse, Life-sa medicines, Ambulance an for the emergency, Fir boxes at key location Battery operated cars t mobility of physica disabled. • Well-equi infrastructure for dis students. • Transport su for the needy • Psychol counselling • Yoga for 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 opti utilization of finances for academic, administrative and developme purposes. • Towards this end, every year, the budget is prepared cen well in advance after taking into consideration the requirements of department coupled with the strategic objectives of the institution. budget is reviewed by the management and approved after necessary char and when required, the institute makes a provision for advance/addit funds. •The Trustees approves the annual expenditure, scrutinizes the sheet and provides feedback for further optimal use of financial resou Financial audits are conducted by a certified auditor every financial verify the 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.	Pu
Management	50000	Pr e

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		Inter
	Yes/No	Agency	Yes/No	Au
Academic	Yes	UGC, Anna University, Senior Academician	Yes	
Administrative	Yes	Auditor	Yes	DS 1

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

Parents Meeting for academic year 2019 – 2020 was organized by our co which was held on 19th of March 2020 at 10.30 am in the Auditorium o college. Many parents were present for the meeting. We received very response from the parents. The meeting started with the welcome addre Principal was delivered a presidential address and interacted on "Aware Mobile Usage and Benefits of Q Learn (remedial class)". He briefed gathering about the activities and also explained how the department the best possible learning environment for the students. Subsequen student's attendance, academic performance and other special programm been briefed to the 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 m
> 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 Academ
> 2019-2020 and received the Autonomous status for the Period of 10 ye
> the academic year 2020-2021 planning to apply for the new courses
> Artificial Intelligence and data science, Computer Science and Engin
> (CYBER SECURITY) in the year 2019 -2020 and the courses are approve
> AICTE. Received the grants from AICTE for the academic year 2019- 20
> the Skill 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 partic
2019	Orientation Programme	25/09/2019	25/09/2019	25/09/2019	2
2019	V-Care	10/08/2019	10/08/2019	10/08/2019	1
2019	Skill Development Programme	20/06/2019	20/06/2019	28/06/2019	21

[View File](#)

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	Numb Partici
			Female
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, cana collecting point Etc.**

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	**Yes**	**0**
Rest Rooms	**Yes**	**0**
Provision for lift	**Yes**	**0**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Nu par stu
2020	**1**	**1**	**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 programme on Sengunam village**	**Medical Camp and tree plantation , Cleaning Compaign**	

[View File](#)

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 academ which includes institution development, achievem student activities, curriculum and CoCurriculum of academic year**

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Num partic
Awareness programme towards disaster management	11/01/2020	11/01/2020	1
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	1
Career Guidance to the higher education Students	18/03/2020	18/03/2020	
Counseling for DSEC women students	31/01/2020	31/01/2020	1
Awareness programme on gynecological problems and malnutrition	18/02/2020	18/02/2020	1
Awareness programme on GPS to DS instituion Bus drivers	25/01/2020	25/01/2020	

[View File](#)

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

Conserve Energy: Our Institution Follows the livestock farming practi 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 Evalua Process Goal The main objective is to ensure □ Uniformity and transpar awarding the Internal Mark throughout the college □ Step by step solu the process of internal assessment □ Strict adherence to scheme of C laid down by autonomy Context Education create test to measure their s understanding of specific content or the effective application of cr 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
is carried out as follows Basic eligibility for evaluation process
known to students through notice boards and class counseling. Inst
notifies assessment process and related documentation on the notice k
This includes circulation of marks and schedule of internal evaluat
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 al
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 Solvi
grievances of students if any Evidence of Success Attendance of
students has improved Maintaining and updating student profile a
assessment through Parents Teachers Meet Students understanding cap
is identified No partiality Transparency improves trust to stude
When transparency is shown hierarchy lowers and culture improves Titl
Practice 2: Institutional Values and Social Responsibilities(IVSR) Go
Practice IVSR aims to foster the spirit of social service in our stud
that they learn to recognize it as a larger conditioning framework of
education, and also an integral part of their curriculum. Education w
social commitment is hollow, anywhere in the world and in India parti
a compassionate pedagogy is of the essence. Through this Practice
institution hopes to give back to society a measure of what it derive
it, thereby strengthening the underlying foundations of socio-econo
structures. It envisages the growth of socially conscious students, st
other stakeholders, the development of the institution along with imp
the essence of life of the people in the society through environmenta
health and hygiene, tree plantation, literacy programme, promoti
entrepreneurship, gender equality programme, human rights, awarene
programme on AIDS, Dengue Menstruation, Pros and Cons during Pregnanc
providing consciousness for pregnant women. Context The institutio
promoting the participation of the students and the teachers in var
extracurricular activities through PART V events which enable them
understand and know some of the societal issues like Essence of li
terms of Self discipline, Culture, Ethics) Education and Employme
also paves way for maintaining a healthy relationship with the society
pursuing extracurricular activities in college along with education s
learn prioritization and time management skills too. Talented student
well-groomed personality, which helps them to face the world in a bett
Practice The dissemination of knowledge cannot be an isolated acad
project of human development for it is intricately informed with the
discourses of social, economic, cultural and spiritual growth without
it is difficult to sustain a civilization, society or individual
Extracurricular activities teach students how to work for a common go
this ultimately develops a sense of responsibility in them. It increa
level of confidence and also teaches them how to co-operate and work
people in different conditions. They learn to face the challenges tha

in education and career. The PART V unit of the college has consist
contributed to community outreach initiatives through 1. Literacy pro
2. Tree plantation programme 3. Ethics of life 4. Blood donation 5. Y
celebration 6. Voter's day 7. Awareness for pregnant woman 8. AIDS Aw
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 relat
development. As most of these activities are group-oriented which
students from different niches, which gives them a chance to know a
people of different passions and cultures. Interaction with people
different backgrounds helps in development of interpersonal skills
students. The evidence of success is measured through ☐ Improved s
discipline cultured life with moral values ☐ Abundant environmental aw
☐ Understanding Importance of gender equity ☐ Volunteering for blood d
☐ Started to concentrate on health and hygiene ☐ Elimination of mos
breeding places ☐ Providing tips for pregnant ladies for safe deli

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

http://dsengg.ac.in/2020/Best-Practices.pdf

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
research and training in the fields of Engineering, Technology and Man
to serve the nation better. Research and Development cell: RD cell pro
research culture. Facilitation and promotion of development of the st
direction of research within the faculty and students, improvements
quallity and impact of that research and the growth of local, nation
international collaborations. Professional Societies: Regarding do
specific knowledge transformation, more than 15 Professional Societi
launched in our campus and is active in organizing the technical eve
the betterment of the students and faculty members. HRDC: HRDC prov
career counseling to the students which are a crucial factor in bridg
gap between higher education and the world of work.

Provide the weblink of the institution

http://dsengg.ac.in/2020/Instituional-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

• Moving towards Autonomy for further development and excellence. • Ef
taken for getting the financial support from various govt. and non govt
funding agencies for the betterment of academic, research and physical
facilities in the institution • Faculties should be motivated to publi

research articles in high impact factor journals. • To encourage the st
to participate in the National level competition viz., Smart India Hack
Project competition etc., • Efforts for utilizing Virtual laboratory cl
to the students Community • To enter into MOU's with Corporate and Indu
Associations to promote Academia – Industry Linkages, to enable placeme
internship, training, etc. for the students • Plan to strengthen planni
training activities • Aim to increase the percentage of students for ap
GATE and other Competitive exams