



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

Dhanalakshmi Srinivasan College
of Engineering and Technology

- Name of the Head of the institution **Dr.T.Manvel Raj**
- Designation **Professor & Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04427442844 / 27443844**
- Mobile no **8939928999**
- Registered e-mail **principaldscet@dsgroupmail.com**
- Alternate e-mail **dscet@yahoo.co.in**
- Address **157, East Coast Road, Poonjeri Village, Mamallapuram, Chengalpattu District**

- City/Town **Mamallapuram**
- State/UT **Tamilnadu**
- Pin Code **603104**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Rural**

- Financial Status UGC 2f and 12(B)

- Name of the Affiliating University Anna University
- Name of the IQAC Coordinator Dr.E.Baraneetharan
- Phone No. 04427442844
- Alternate phone No.
- Mobile 7010399436
- IQAC e-mail address iqac@dscet.ac.in
- Alternate Email address dscet@yahoo.co.in

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://dscet.ac.in/download/AQAR-2021-22.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://dscet.ac.in/download/academiccalendar2022-23.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.29	2023	07/12/2023	06/12/2028
Cycle 2	B++	2.82	2021	26/10/2021	25/10/2026
Cycle 1	A	3.07	2015	01/05/2015	30/04/2020

6.Date of Establishment of IQAC

25/01/2014

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of

[View File](#)

IQAC

9.No. of IQAC meetings held during the year **3**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Motivated the students to involve themselves in different professional societies and other club activities.

NBA accreditation - Compliance for the four departments namely MBA, Mechanical, Aeronautical and IT were submitted and got accredited.

ISO Certification - We got ISO certification for Environmental management system, Energy management system, Quality management system.

Faculty Enrichment programs are organized for enhancing the knowledge of faculty members.

Motivated the students to involve themselves in different professional societies and other club activities.

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

Plan of Action	Achievements/Outcomes
To organize interdisciplinary seminars, conferences and workshops	Seminars and workshops are organized for the benefit of stakeholders
To prepare compliance report for the departments of Aeronautical, CSE, ECE, EEE,IT, Mechanical, MBA and NAAC	Accredited by NBA-Aeronautical, CSE, ECE, EEE,IT, Mechanical, MBA and NAAC
AICTE Approval Process	Extension of Approval received from AICTE
Anna University Affiliation Process	Anna University Affiliation received
Stakeholders Feedback	Feedback collected from all stakeholders and corrective actions were initiated for quality enhancement
Academic audit	Academic audit completed

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	13/07/2022

14. Whether institutional data submitted to AISHE

Part A

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Governing Council	13/07/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	15/03/2023

15. Multidisciplinary / interdisciplinary

Institution has structured system for the Design and Implementation of Curriculum and Syllabi for UG and PG Programmes of all the Departments under Choice Based Credit System (CBCS).

Courses in the Programmes are designed to focus on Multidisciplinary, Problem Solving ,Design Thinking and Holistic

understanding of Engineering.

Curriculum of all the Programmes are designed with the objective of developing the Competency, Integrity, Environmental Challenges, Moral and Ethical Values to the needs of Society.

Multidisciplinary Lectures is regular practice in the Institution to enhance the Inter-Departmental Collaboration among Faculty Members and Students.

Multidisciplinary Lectures provides opportunity for the Faculty Members to share their knowledge with Students of other departments to come up with Interdisciplinary Ideas/Projects.

16.Academic bank of credits (ABC):

Institution has registered in the National Academic Depository (NAD) portal as per guidelines of Ministry of Education and UGC.

Students are facing difficulties in getting the e-Copies of their Certificates, Mark Sheets and Academic Awards when they are lost or damaged.

With the support of NAD, the Academic Records of all the Students are maintained in the Academic Bank of Credits.

Educational Institutions, Employers and Students can easily access through Online, which eliminates the Physical Verification for Higher Studies and Job Opportunities.

Digital Depository supports to retrieve/verify the documents without fraudulent practices.

Faculty Members are encouraged to prepare Digital Contents on Technical Topics.

17.Skill development:

In plant training / Internship is mandatory for the students admitted from 2022-23.

Academic Credits are assigned to the inplant training / internship based on the duration as per the following terms.

2 Weeks - 1 Credit

4 Weeks - 2 Credits

6 Weeks - 3 Credits

Professional development is a mandatory course offered in the 3rd semester with one credit.

The skill developments course will be offered through some of the verticals given for each and every programme.

Institution strengthen the Soft Skills of Students by offering various training modules to meet the Industry needs

Skill Development Activities are regularly organized for the benefit of students

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The following courses are offered forTamil language and Indian culture

I sem - Scientific thoughts inTamil-/Heritage of Tamils

II Sem -Tamils and Technology

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The implementation of outcome-based education began in 2015.The institution frames each programme it offers with programme educational objectives(PEOs).The 12 graduate qualities and PEOS are met by all of the courses (theory and practical),projects, and cocurricular and extra curricular activities at AnnaUniversity. There are five to six course outcomes for each course. Following the completion of the theory andpractical courses, the students received these learning outcomes. Program outcomes (POS), graduate characteristics, and program-specific outcomes are all connected to each CO. Data is gathered from both internal and external exams,and each CO,PO,and PSO's attainment levels are calculated. The right steps are made to enhance students' academic performance in order for them to obtain the pertinent PO, PSO, and PEOs based on the attainment of Pos and PSOs. In order to identify areas that need development, feedback is gathered from graduating students, alumni, and employers. Then,steps are done to achieve academic excellence in order to satisfy the needs of businesses and society.

20.Distance education/online education:

The following activities are made possible by the institute

online LMS of Dhanalakshmi Srinivasan College of Engineering and Technology GoogleClassroom is used for tests, assignments, and the delivery of course materials.

1. Innovative Teaching Methodology is adopted in the Institution to enhance the learning capability of Students.

2. Online Platforms like Google Meet, Google Classroom, Cisco Webex and Zoom are used for Teaching which promotes the Blended Learning.

Extended Profile

1. Programme

1.1	677
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1776
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	329
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	381
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	213
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	213
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	76
Total number of Classrooms and Seminar halls	

4.2	750.41
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	620
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The institution ensures effective curriculum planning and delivery through a well-planned, documented process including academic calendar and conduct of continuous internal assessment also planning to conduct international seminars and MoU with foreign universities.

Preparation of academic calendar is the first step in the beginning of each academic year which includes all holidays, Curriculum and extracurricular events, academic schedule, internal assessments schedule with university theory and practical schedule. The calendar is uploaded on college website and shared with all faculty, staff and students. Stick to this academic calendar faculty member prepares their CDP.

Courses are allocated to the faculty members based on their expertise and subject preferences by the Head of the Department and approved by the Principal.

New and innovative teaching techniques are in addition to the traditional lecture method are adopted to deliver the content. The library is keeping updated with the latest requirement of books along with the e-journals.

The question papers of internal exams are prepared by concerned faculties and are approved by the head of the department. During the academic session of each semester a feedback process is completed.

Head of the department maintains weekly monitoring report on syllabus coverage, student attendance and assignment provided.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://dscet.ac.in/2022-2023/C1/1.1.1.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The up-gradation of knowledge of the students in diversified fields through field visit, the internships and Industrial exposure, are made mandatory. Internships benefit both the student and the employee. Experiential learning enables the student to engage the creative portions of their brain and seek their own unique solution to the problem or task. This creative problem-solving, and the variety of results produced, enriches the classroom as a whole and teaches invaluable skills like time management, communication, working with others, problem-solving, and most importantly, the willingness to learn. It develops work habits and attitudes necessary for job success. Through these

experiences students develop self-confidence and strengthen decision-making skills by responding to and solving real world problems and processes.

In addition to the curriculum, student's skills are upgraded by conducting various value added courses and become industry ready and young professional from time to time.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://dscet.ac.in/2022-2023/C1/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

12

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

47

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1840

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

1.3 - Curriculum Enrichment

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

In order to integrate and promote the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, academics curriculum structure provides "Environment Study", - makes students aware about the basic concepts of environment. The College has an integrated rain water

harvesting System. College celebrates the day of National importance as Earth day, Environment day. The college organizes workshop/ seminars on Environment & Ecology to make students aware about efficient use of natural resources.

Professional ethics in engineering is taught to all students to create awareness in engineering ethics and human values, to instill moral and social values, loyalty, and to appreciate the rights of others. The students and teachers participate in activities like blood donation, and disaster management. Both these activities provide unique experience of happiness in saving lives and they learn that they can make the difference.

The institute believes on the need of gender equity .The institute has Women Empowerment Cell. It is not only to protect the girl students and female staff from discrimination and harassment but also facilitated their participation in curricular, co-curricular and extra - curricular activities inside and outside the campus.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

12

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1474

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://dscet.ac.in/2022-2023/C1/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://dscet.ac.in/feedbacksystem.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

618

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

349

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The subject in charge evaluates the marks of the internal assessment conducted i.e CIA 1, CIA 2 and Model exams and calculates the attainment level which is reviewed by the Head of

the department. If the students score is according to the set level of attainment, she continues with the same plan. If the attainment is not arrived, there will be modification in the teaching and learning process based on the suggestion and feedback from the students, the senior faculty members and the HOD. The fast and slow learners are identified through this process and the following measures are taken. Opportunity provided to advanced learners advanced learners exhibit self-learning capabilities through seminars in advanced topics in relevance to the course. They are motivated to publish papers in journals. They are given additional library cards and additional access to journals. These students are encouraged to attend more number of seminars and conferences outside the college Support given to the slow learners Remedial classes are conducted for slow learners to cope with fellow students. They are assisted by advanced learners through student centric learning.

File Description	Documents
Paste link for additional information	https://dscet.ac.in/2022-2023/C2/2.2.1.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1776	213

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Student Centric Methods Faculty members are encouraged to use student centric methods for the theory/ practical courses in order to enhance the learning process and to acquire the required knowledge and skills.

The following methods are adopted by the faculty member

1) Interactive teaching.

2) Project based teaching.

3) Computer assisted learning

4) Experiential learning.

1) Interactive learning activity: (i) Group discussion (ii) Role Play (iii) Quiz (iv) Seminar (v) News Analysis (vi) Group Assignment

2) Project based learning: Apart from final year project, mini-project and assignments are given to develop learning through the project activities.

3) Computer Assisted learning: Virtual labs available with premise institutions like IIT and NIT is re-utilized for doing practical for better understanding.

Following virtual labs are utilized by the faculty /Students.

1. IIT, Kanpur

2. IIT, Kharagpur

3. NIT Surathkal

4. Amrita University

4) Experiential learning: Laboratory sessions are conducted beyond the syllabus to develop certain skills needed for employment.

Activities:

1) Use of Computer Center / CAD lab.

2) CNC Machining Center

3) TIG/ MIG Welding.

4) Industrial Visit /Projects

5) Internship

File Description	Documents
Upload any additional information	View File
Link for additional information	https://dscet.ac.in/2022-2023/C2/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

1. ICT-equipped classrooms with LCD projectors, Wi-Fi access, software, and PowerPoint presentations are used by the faculty to expose the students to cutting-edge information and practical learning. The laboratories now have current versions of Microsoft Office, Microsoft Python, Matlab, and the most recent Excel tool.
2. Teachers and students both are change the teaching and learning processes from being largely teacher-dominated to being student centric. They not only reduce cost but also save time during lectures..
3. Through the widespread use of ICT resources and other computing and storage capabilities like cloud-based Google Drive, the college is "becoming green" and conserving paper. Depending on the needs of the students and the subject being taught, the staff employs a variety of teaching strategies. They employ traditional techniques like teacher-centred lecturing as well as other interactive, group-based, and ICT enabled techniques like Microsoft Teams and Google Classroom. In addition to sending reading materials and lab manuals via emails and other channels, the institution also uses IT-enabled learning resources including PPT, video clips, animations, and video demos from internet sources to enhance teaching and learning. NPTEL is also available.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

186

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

213

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

37

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

842

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

1. As per academic plan of university, internal assessment period is scheduled by exam cell
2. Each courses both theory and practical shall be evaluated for a maximum of 100 marks.
3. First and Second units (CO1 and CO2) will be considered for the CIA 1
4. Third and fourth units (CO3 and CO4) will be considered for the CIA 2
5. All the five units will be considered (CO1, CO2, CO3, CO4 and CO5)for the model examination Two sets of question papers are prepared by subject in charge based on the Blooms Taxonomy and gets approval from the HOD.
6. The HOD will send the question paper to the exam cell.
7. The exam cell releases the question papers on the day of examination. They ensure the smooth conduction of examinations. Subject In-charge evaluates the answer scripts, marks are analysed, and corrective action is taken.
8. For the slow learners, remedial classes are conducted for improving their academic performance. After remedial class, the slow learners are encouraged to attend Re-assessment test. Subject In- charge evaluates and assesses the mark of slow learners.
9. As per the above said University norms, Internal University Assessment marks will be entered in web portal during the entry period.

File Description	Documents
Any additional information	View File
Link for additional information	https://dscet.ac.in/2022-2023/C2/2.5.1.pdf

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

1. Grievance procedure A Committee is formed by the college and department jointly to discuss and where possible eliminate the grievance.
2. Primary purpose is to review a complaint that has not been resolved at the staff level and to provide mediation.
3. If the students are not satisfied with the marks given, the subject in-charge explains the mistakes in the answer sheets or gives mark if needed in genuine cases
4. Still if the student is not convinced HOD interferences and solves the issue
5. Grievance Committee Members: The Head of the department and Senior faculty will be the members of the committee
Different stages for Grievance Redressal: First stage (Students-Staff-HOD department level)
6. The student represents his/her grievance in person to concerned staff in the department Remedial measure is taken immediately and the issue will be solved by the subject in-charge.
7. If the student is not satisfied, the HOD interferences and solves the issue
8. Second Stage (Student - Staff -HOD Administration level)
9. If the student is not satisfied, he/she may request the HOD to forward his/her grievance to the grievance committee.
10. Students would address the issue/grievance and the recommendations of the grievance committee shall be communicated to the concerned student within a day.

File Description	Documents
Any additional information	View File
Link for additional information	https://dscet.ac.in/2022-2023/C2/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The course outcome and the programme outcome of all the courses are framed by the respective departments based on the Anna University syllabus and displayed in the website. Assessment tools are categorized into direct and indirect methods to assess the program outcomes the subject in-charge considers the course outcome framed by the Anna University Each course is properly paraphrased and effectively given a code based on the course curriculum. Each course outcome indicates the learning outcomes of each course and it is properly designed according to the needs and requirements. The Knowledge on CO, PO and their attainment process is imparted to all the students during their bridge course in the first year itself. The PO's are displayed in each and every classroom, tutorial room, department library and laboratories.

PROGRAMME OUTCOME:

Direct method

Indirect metho

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://dscet.ac.in/index.php
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

1. Each course outcome is mapped with the Program Outcomes. The Institution has a common approach for deducing the attainment of CO and PO. The faculty follows the standard method and calculates the attainment levels after each end semester exam. The Committee assesses the attainment at Program Level and decides on actions for the next semester
2. The Attainment of Program Outcomes is measured directly and indirectly. The aspect of Program Outcomes to assess the student's knowledge, skills and analyse their performance is a direct attainment. The PO attainment is determined from the performance of the students in all the assessment instruments-like continuous internal assessments (CIA 1, CIA 2), model exams, presentations, lab (practical) sessions, summer training and end semester examinations. An indirect method is done through Alumni survey and Exit survey.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://dscet.ac.in/2022-2023/C2/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

424

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://dscet.ac.in/2022-2023/C2/2.6.3.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://dscet.ac.in/2022-2023/C2/2.7.1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

514000

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

06

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The college has established an innovation cell. The Cell has initiated many programs in our college practices to encourage

student and faculty research. Students are mentored for minor research projects. Students also present their research at certain colleges. There are workshops organized to encourage writing skills for manuscripts and research proposals. The Cell organizes seminars, workshops, and training programs regularly to promote entrepreneurship. Students are encouraged to participate in business quizzes and competitions to promote business ideas. Our alumni, who are entrepreneurs, are invited to share their knowledge and help our students become entrepreneurs. For the development of students and their faculties, top-level management is very supportive.

For support of innovation, the college creates many digital materials, like NPTEL and 40000+ books. Many entrepreneur-oriented programs are conducted through the Cell. Research-oriented activities are also helpful to the faculty members.

As a result, our students present papers at various educational institutions, and faculty members also publish papers in national and international journals.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

02

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year	
03	
File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
47	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
01	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	
3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	

The institute's vision envisages offering sustainable livelihoods to enhance the well-being of the neighborhood community through knowledge, innovation, and transformative actions, as well as the development of ethical and socially responsible engineers who contribute to society and work in harmony with nature. According to the institute's vision, the NSS wing of the institute, which has been functioning for years, has a mandate to perform extension activities in order to serve the community and society. In fulfilling this vision, the institute encourages its NSS wing, which has been active for the past few years, to conduct extension activities that benefit communities and societies. Multifarious activities have been conducted in the Institute to sensitize students about various social issues and strengthen community participation for the development of our country.

1) Various initiatives taken to sensitize students towards social issues

2) Activities undertaken to engage faculty, students, and staff in the neighborhood community area

3) The learning of the students from the above Extension Activities Build up involvement and a fostering attitude to contribute towards societal issues and community problems. Develop a sense of social responsibility and interest in environment-related issues and cater to the students needs for country development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

09

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2675

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration	
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year	
21	
File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File
3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year	
3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year	
30	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File
INFRASTRUCTURE AND LEARNING RESOURCES	
4.1 - Physical Facilities	
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	
The institution has a green campus spread over a large area of 13.6acres with a utilized space of 45425Sq.mts built up with an excellent infrastructure facility provides a perfect ambiance for	

a learner-centric platform which encompasses properly equipped and oxygenated classrooms with the spacious aerated passageway and rampway for physically challenged persons, Computer Centre, Drawing Halls, Indoor and Outdoor sports arena. The Institution has Tutorial halls for the accomplishment of tutorial classes, remedial classes and for doubt clearing sessions. The classrooms in the institution are maintained for comfort with an adequate supply of standard materials for instance benches, desks, LCD/LED projector, boards, chalks, tube lights, fans. The institution strongly monitoring the advancement of quality in learning can be achieved through a visual medium and this has lead to the foundation for the development of many ICT enabled smart classrooms. The Institution has well - designed Board room and Placement cell to make meetings and campus placements effective and purposeful and as well as it has a large open space for public gatherings. Two standby power generators 220 KVA, 110 KVA are provided in the campus to take care of the occasional power shut down due to maintenance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

Sports Facilities

The institution offers students a great environment and chances to engage in extracurricular activities, ensuring their holistic development and broad personality. For students to compete in all competitions, including those at the international level, we offer suitable facilities and strict assistance. We support students involvement by offering rewards like travel discounts, expense reimbursements and uniform sponsorship.

Gym Facilities

The Institution has a well-tuned, brand-new machine-equipped Power and Hydraulic exercise. Experienced, qualified trainers will manage each practices.

Yoga Centre

The institution regularly provides yoga training workshops in collaboration with outside groups so that staff and students can succeed with a healthy body and mind.

The organization observes International Yoga Day each year to spread the word about yoga's benefits.

Cultural Activities

The institution encourages the student body's ideas for fusing creativity and invention through cultural events.

By fusing art, culture, and technology, the organization ensures that cultural events increase public knowledge of the advancements made possible.

A thriving Fine Arts and Cultural Society at the school regularly organizes inter-college cultural events and motivates students to participate in extracurricular activities. The college rewards students for their excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

76

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

186.78

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Our Institution has a well-established Air Conditioned Central Library having rich collection of books, online books, print Journals, online journals, and back volume journals. It has departmental libraries in all the departments, thus catering to the needs of Undergraduate, Post Graduate students and faculty. All Library services like acquisition, cataloguing, issue, return, renewal; catalogue search has been fully computerized with help of bar-code facility. A good Digital Library has been established in the Central Library premises with effective e-Learning materials, e-Databases, e-journals, e-Books etc. It can be accessed from anywhere in the campus for 24hrs. The Library is an active member of reputed organizational bodies DELNET, N-list. Each Department of the college is equipped with departmental Library for specializing in their area with extensive level of knowledge boost in the field of concern of staff and students. There is separate BOOK BANK Section in the Library for the financially weaker sections of the students. The books are classified according to DDC. Library is fully computerized with NIRMALS software package which is an integrated multi-user library management system those supports all in-house operations of the Library. . Library is also connected with DELNET for inter library loan and document delivery services.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

8.3

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

290

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File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution refurbishes its IT Infrastructure facilities systematically to meet its present-day technical concerns. Adequate computers and desktops offered for students and staff in diverse laboratories and facilities inside the campus. The campus is equipped with sufficient LCD/LED, Audiovisual facilities and CCTV surveillance for security purposes. Wi-Fi facility is available in the institution with the three different data/internet providers as such BSNL, VODAFONE and TIC FIBER of 500 Mbps. The modem receives the internet where it can be connected to all computers through LAN. Wi-Fi accessibility is also provided in hostels to enhance the learning experience. The effective implementation of Prezenta Software from 2016 is used for maintaining and recording students and faculty database. This facilitated the need to send the attendance and result performance of the students to their parents through SMS facility. The institution provides browsing centers for the students and faculties after college hours. Increased number of IT facilities for the increased academic and administrative purposes Printer, Scanner, Reprographic Machines are used. Many Systems are installed and updated with different types of software to improve the learning quality of the students as well as to fulfill their curriculum requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

620

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

271.95

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

There are established mechanisms for this with participation from all parties. All college files must be labeled, stock registers must be kept up to date, annual maintenance agreements must be signed, and duties for the actual upkeep and use of college facilities must be assigned.

Students receive appropriate training on how to use the tools,

texts, etc. The central buy and stock verification committee makes sure that stock verification is performed on a regular basis and that proper processes are followed while making purchases.

The librarian and her team maintain the library, making sure that the books are in good condition and that old books are removed. The lab attendant and lab assistants maintain the laboratories on a regular basis. Technicians, lab assistants, and TICs maintain the computers, UPS, software, and LCD/LED. Sweepers and lab attendants keep the rooms and labs clean.

The director of physical education, the sports committee, and support staff maintain the sports facilities. The college's governing body established a building panel, which makes recommendations for improving and expanding the college's infrastructure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

232

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
File Description	Documents
Upload any additional information	View File
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://dscet.ac.in/hrdc-training.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1225	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1225	

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

260

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File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

02

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The college is a significant institution that offers students opportunities to learn and grow, both academically and through extracurricular activities. These extracurricular activities can help students develop important skills such as leadership, critical thinking, and execution. In each department, there is a student association that helps foster a sense of community among students. These associations are supervised by senior faculty members and are responsible for organizing various fine arts, sports, and other co-curricular activities for the department. Participating in these activities can teach students teamwork, communication, and management skills that are essential in any profession.

In addition to departmental student associations, every class has a committee consisting of course handling faculty, student representatives, and a non-teaching chairperson. The purpose of the committee is to discuss classroom and laboratory problems that students are facing and any general problems that they may have. The committee also ensures that student representatives are informed about assessment weightage regulations.

Students also lead professional body chapters such as IET, IEEE, SAE, CSI, ISIS, and ISTE. By participating in these bodies,

students can enhance their subject knowledge, develop leadership skills, and build a professional network that can be beneficial in their future careers.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

13

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The DSCET Alumni Association is a registered organization that aims to build relationships and promote camaraderie among the college's alumni, staff, and management. It is managed by an alumni committee and supports the college in achieving its objectives, goals, vision, and mission. The association has three levels of involvement for alumni. The first level involves updating their whereabouts and sharing information about events and programs on campus. The second level encourages alumni to participate in the association's events and alumni groups and assist final-year students with their project work. The third level involves alumni enlisting to help organize an event or

contribute their time for a specific cause or project, which provides real-world experience and enhances their chances of finding employment. In summary, the DSCET Alumni Association encourages alumni to collaborate, participate, and enlist to maintain strong relationships with the Institute and support its goals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

A world-class nodal center committed to advanced learning, research and training to serve the nation, meeting the national/international standards.

Mission

To be a premier Engineering college, much sought after by the industries and societies by offering professional education and training blended with moral and ethical values to convert student resources into strong assets of our nation.

Governance is the key activity that creates the connections between the management and the stakeholders. The institution believes that it should be effective, efficient and economical in the execution of its duties. The institution supports modern governance and proper administration and believes these should be carried out in a way that actively acknowledges diversity, that is

respectful of identity and serious belief and that reflects balance.

Functions of the governing body:

- Involvement of faculties in different aspects of developments towards management growth and goal.
- Fulfilling stakeholder's requirements with the utmost care and responsibility.
- Providing abundant opportunities for student's evolution to be an effective engineer for society's advancement.
- Ensuring of standard Recruitment policy which helps in the long-term sustainability of experienced persons.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The principal serves as a crucial conduit for the institution, playing a pivotal role in ensuring smooth operations and distributing autonomy to all contributors involved in comprehensive student improvement.

Department heads play a vital role, sharing responsibilities equally among teaching and non-teaching staff members.

All staff members are empowered to express their ideas and interests responsibly and autonomously, contributing to the ongoing welfare of the students.

Under the guidance of the principal and recommendations from department heads, the IQAC establishes diverse committees to enhance participative management. These include the Planning and Evaluation Committee, Admission Committee, Students Welfare Committee, Research Committee, Extra-Curricular Committee, Library Committee, Examination Committee, and Grievance Redressal Committee.

Planning and Evaluation Committee

The authority and responsibility of coordinating, serving as executive members, and assuming leadership roles are granted to both faculty and students. Financial support for these endeavors is provided by the management through departmental committees and college clubs.

Department committee

1. Student Association
2. Class Committee
3. Extra-curricular activities
4. Placement / Entrepreneurship / Higher studies.
5. Examinations.

College Clubs

1. Tamil Mandram
2. Fine arts Club
3. Robotics
4. Artificial Intelligence
5. Entrepreneurship and Innovation
6. Language Club
7. Science Club
8. NSS / YRC
9. Eco Club
10. Sports Club

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The central focus of the perspective plan is the enrichment and consolidation of placement-related activities by the HRDC at DSCET.

The placement enrichment plan includes initiatives such as soft skill training, mock interviews, intensive training programs starting from the third year, interactions with companies, department-level coordinators, database management, and enhancing student involvement through alumni interactions. These training

methodologies aim to provide students with increased job opportunities and instill self-assurance for interviews.

The institution's corporate relationship is effectively showcased by signing an increasing number of Memoranda of Understanding (MOUs) for societal enhancement.

First-generation learners from rural backgrounds and those who completed their higher secondary education in their native language undergo various skill development programs, including soft skills, communication skills, pre-placement training, and value-added programs. These initiatives aim to shape them into effective engineers for successful future careers.

The HRDC team's efforts are reflected in the institution's consistent placement record of above 90% over the past five academic years. Recent achievements include collaborating with recruiters offering higher compensation packages, garnering satisfaction from both primary stakeholders, such as parents, and acknowledgment from the admission team based on the positive outcomes visible in their records.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

ADMINISTRATIVE SETUP

The crucial decision-making channel for academic and administrative matters lies with the Principal. Assisting in internal management, the Vice Principal serves as the immediate head in charge of Heads of Departments (HODs), Examination Cell, Human Resource Development Cell (HRDC), while also overseeing the Administrative Officer responsible for office affairs, Hostel, Library, Campus security, and maintenance.

APPOINTMENT AND SERVICE RULES, POLICIES, AND PROCEDURES

The institution's service rules, policies, and procedures are meticulously documented and effectively communicated to all employees. They are also accessible on the website under the designation of the "HR Manual."

The Staff Selection Committee, under the authorization of the Principal and subject to Governing Council approval, will make appointments based on the needs identified by the respective department heads.

Leave:

1. Casual Leave:
2. Religious Holiday
3. Medical Leave
4. Maternity leave
5. Marriage Leave
6. Earned Leave
7. Summer vacation and Winter vacation

Provident fund (PF)

Group Gratuity Cum insurance (2006) Pay Scales Pay scales of faculty shall be as per AICTE norms. Pay scales of supporting staff shall be decided by a committee appointed by the Governing Council.

Incentives for Publication of the paper/ text Books

Incentives for funded project approvals from Government / Private Agencies

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Teaching staff benefit from sponsoredFDPsto encourage their self-growth. Financial support is extended to teaching staff for participation in workshops, seminars, conferences and to non-teaching staff for skill enhancement and completion of online courses. Cash rewards are to faculties for achieving academic excellenceand incentives are provided for journals and books.

PF and acknowledges staff members with gifts and compliments on special occasions and celebrations. Allare eligible for 12 days of CL in a year, with an option for half a day casual leave for either the forenoon or afternoon session. Staff members can avail two permissions of one-hour duration each month. Those who have completed one year of service are entitled to a 20-day vacation, while those with less than a year of service are eligible for the college's closed vacation.

Vacation leave can be availed for a minimum of 10 days or the full 20 days. Female staff members receive three months of maternity leave, and staff members can take five days off for their marriage. Unused CL can be converted into earned leave, entitling the faculty member to half of their salary at the end of the academic year. The institution also provides on-duty leave.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

113

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

140

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution adheres to the 360° Feedback recommended by AICTE, implementing a distinct Performance Appraisal System that fosters enthusiastic employee participation in development and identifies areas for improvement through training. The Academic Council designs a self-appraisal form, utilizing the API of UGC, to monitor staff performance. Upon Governing Council approval, this system is implemented in each department for faculty members. Teaching staff are evaluated based on academic, administrative, research activities, and other responsibilities, with student feedback on the teaching-learning process factored in. Non-teaching staff performance is assessed based on various self-advancements. The appraisal categorizes staff into three types: Good, needing encouragement; Fair, requiring improvement; and Not good, needing counseling. For teaching staff, the appraisal system assigns 30% weight to student feedback, 25% to faculty-produced results, and 20% each to the Head of the Department and the Principal. Non-teaching staff appraisal allocates 40% weight to the Head of the Department and 60% to the Principal. Transparency is maintained through discussions between the Principal and HODs, who provide appraisal conclusions and suggestions to employees for preferred and sustainable performance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

A financial audit seeks to provide an independent and objective assessment of the institution's financial reports and the associated procedures. The main objective of financial audits is to offer Management, the Principal, and external agencies a reasonable assurance regarding the accuracy and completeness of financial statements. Internal financial auditors are sourced from the trust office, while external auditors are chartered accountants affiliated with an external audit firm.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

37.90

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Being a self-financing institute, funds primarily come from student fees, adhering to regulations set by the Tamil Nadu Government Higher Education. Internal revenue, derived from interest earned on fund deposits, serves as another source of funds.

Additional financial revenue sources encompass: a. Workshop, Training & Consultancy b. Participation fees in conferences and seminars organized by the institution. c. Establishment of Industry-sponsored labs. d. Research project grants.

Utilization of funds

Optimal utilization of funds prioritizes the welfare of students and staff, including support for laboratories, infrastructure, and the library. The budget is also allocated for co-curricular activities, such as organizing symposiums, seminars, guest lectures, and workshops. Additionally, funds are directed towards placement training and development programs, value-added courses, trust awards, cash awards for rank holders, annual day celebrations, sports events, guest lectures, and industrial visits. Financial assistance is extended to students participating in national and state-level cultural and sports competitions.

The budget is also allocated for the acquisition of online journals, magazines, textbooks, and reference books. The efficient mobilization and utilization of funds are reflected in the income and expenditure statement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Value Added Courses

Recognizing the importance of skills and knowledge beyond the formal curriculum for success in today's world, our college takes the initiative to close the gap between industry and academia. We believe in fostering students into well-rounded professionals, encouraging them to participate in Value Added Courses and attend in-plant trainings or workshops. These department-specific courses instill in students a proactive desire to stay updated on the latest trends, enhancing their technical skills.

These courses offer our students an edge over the others and have

the following advantages:

1. Cultivates learning skills, technical knowledge, creativity, and the ability to innovate.
2. Provides exposure to recent trends in the core field, thereby enhancing students' employability.
3. Elevates the competency of our students on a global scale.
4. Augments student proficiency in using modern research tools.
5. The value-added courses are curated by academic experts in each department and are offered to all third and final-year students.
6. These programs, spanning 30 to 40 hours (6 days), are conducted on Saturdays and Sundays, ensuring they do not disrupt regular academic activities.

From 2014 to the academic year 2018-2019, a total of 3769 students have benefited from these courses.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC regularly conducts academic audits, both internal and external, to evaluate the performance of the teaching/learning process and the organization of co-curricular activities by the department. The Internal Audit Committee, led by HODs and senior faculty from other departments, and the External Audit Committee, consisting of senior professors from premier institutions, oversee these audits. Internal audits take place during the academic process (every semester), while external audits are conducted at the end of the academic process (every semester).

The auditing parameters are aligned with NBA/NAAC requirements, and any identified weaknesses and deficiencies prompt corrective and preventive actions taken by the HODs and Principal.

IQAC cell taken the initiatives to obtain NAAC second cycle of accreditation and NBA accreditation for the following Depts:

1) IT 2) AERO 3) MECH 4) MBA

IQAC cell taken the initiatives to obtain Autonomous for the Institution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

DSCET is taking certain specific initiatives to facilitate gender equity and their Development and empowerment. Our Gender Positive Initiatives are,

1. Women Empowerment Cell

2. Internal Compliance committee

3. Anti-Ragging Committee.

Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counseling
3. Common Room
4. Day care center for young children

List of CCTV available in the campus

Area

Count

Main block

27

Entrance

6

Mess

5

Girl's hostel

6

Boy's hostel

32

Women's cell activity calendar for 2023-2024

Activity

Tentative date

Breaking barriers

28.11.2023

Self-defense program

13.12.2023

Awareness on health and hygiene

27.12.2023

Women's day

08.03.2024

File Description	Documents
Annual gender sensitization action plan	https://dscet.ac.in/2022-2023/C7/7.1.1a.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://dscet.ac.in/2022-2023/C7/7.1.1b.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste

management Biomedical waste management E-waste management Waste recycling system
Hazardous chemicals and radioactive waste management

Waste Management steps including: a) Solid waste management b) Liquid waste management c) Bio medical waste management d) E-waste management e) Waste recycling system f) Hazardous chemicals and radioactive waste management.

Solid waste: Vermicompost made from campus bio waste is used to organically nourish the campus. Vermicompost is created on campus using bio waste from the college as organic fertilizer for the plantations as part of a firm effort to encourage trash recycling and the practice of organic farming. A solid waste on an average of 80-90 kg per day was converted in to vermicompost. A magnetic flux produced with controlled oxygen present, part of the eco-friendly waste management system, ensures complete combustion of the decaying municipal solid waste material into ash. There are no smells, flies, or toxins being released throughout the destruction process.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	A. Any 4 or All of the above
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- 1.Restricted entry of automobiles**
- 2.Use of bicycles/ Battery-powered vehicles**
- 3.Pedestrian-friendly pathways**
- 4.Ban on use of plastic**
- 5.Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

A. Any 4 or all of the above

**5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

A community that values diversity and encourages connections among its members is one that is inclusive. DSCET has varied student community and employs people from various locations because it views cultural variety and tolerance as essential to achieving societal harmony. The ability of each individual to contribute a distinct perspective that is impacted by his or her own unique cultural identity has been facilitated by a cosmopolitan atmosphere. The students of our institute represent a variety of ethnic backgrounds, including North and South India, as well as varied religious backgrounds, including Hindus, Muslims, and Christians.

In our institution, we take part in a number of initiatives, such as commemorating the birthdays of notable people. National Festivals, NSS, YRC, and other similar events foster an inclusive environment by bringing students and teachers from various backgrounds together on a single platform. These events promote harmony and tolerance for differences in culture, region, linguistics, as well as communal, social, economic, and other diversity. During the Navarathri Festival, students and faculty from the respective departments perform Saraswathi Pooja and Ayudha Pooja in their laboratories to elicit the blessings of the Almighty.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The B.E./B.Tech curriculum of the university offers the courses like "Human Values and Ethics", "Human Rights", "Professional Ethics", "State, Nation Building and Politics in India," "Political and Economic Thought for a Humane Society," and "History of Science and Technology in India." Undergraduate students are made aware of their fundamental rights, guiding values, and civic obligations. Students' constitutional knowledge and understanding of engineers' obligations are two key outcomes of this course.

With great vigour, "Independence Day" and "Republic Day" are observed annually to remind faculty members and students of the sacrifices made by our independence fighters and to honor their efforts. Invited guests emphasize the rights, obligations, and responsibilities of citizens during these ceremonies. Students and staff discuss fundamental rights and obligations, human rights, and guiding constitutional ideas.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://dscet.ac.in/2022-2023/C7/7.1.9.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes

A. All of the above

professional ethics programmes for students, teachers, administrators and other staff **4. Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates National Festivals of Birth and Death Anniversaries of great Indian Personalities with enthusiasm. Our students are on a focus to attain the mission towards better India by breaking the boundaries of religion and caste among the society. Every year our institute organizes and celebrates the national festivals, birth / death anniversaries of the great Indian personalities. In the motive of staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

26th January Republic Day

15th August Independence day

Teachers' Day Celebration-5th September

International women's day

Engineer's day

International yoga day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Provide web link to:

- 1. Best practices in the Institutional web site**
- 2. Any other relevant information**

File Description	Documents
Best practices in the Institutional website	https://dscet.ac.in/2022-2023/C7/7.2.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

As visible from vision and mission statements, one of the thrust areas of DSCET is to become a premier engineering college offering education and training blended with ethical values and morals. We believe that we try to align individual success with the societal needs. Throughout the year several activities are conducted to foster the spirit of love, compassion, universal brotherhood and patriotism through the ideal of tolerance of diversities within the society and thus accomplish the institution's motto, "Learning for Excellence". We develop the students into people with strong character and values who know how to utilize their knowledge for the advantage of mankind. Our institution gives special importance for morals and values, which consists the study of the lives and teachings of Sri Ramakrishna Paramahansa and Swami Vivekananda. Discourses by revered Swamis like Brahma kumari's to promote the

"Habit of Positive Way of Thinking" by inculcating beliefs and moral values in the sub-conscious minds of the faculty and the students. Spiritual discourses are arranged on the occasions of inauguration day. Civic Responsibilities are taught to embed the moral and ethical values in the hearts of girl children, who are the mothers of the younger generation of future.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Strengthening student-centric learning: The college will focus on strengthening student centered learning by providing opportunities to engage in research, experiential learning, field-based learning, peer-learning and community service through outreach.

Enhancement of teaching and learning resources: The college will invest in new teaching and learning resources such as technology, equipment, and materials to enhance the quality of education.

Promotion of professional development: The College will promote professional development for students, faculty and staff to keep them updated with the latest teaching and learning practices through MoUs.

Improvement of infrastructure: The College will improve the infrastructure of the campus, to create a conducive learning environment. This includes upgrading facilities and ensuring the safety and security of students and staff.

Monitoring and evaluation: The college, through its IQAC, will monitor and evaluate the progress of the academic year. Annual assessments and feedback will be conducted to make necessary adjustments and improvements.

Focus on skill development: The college will focus on skill development by providing Internship training and workshops on soft skills, communication, leadership, and problem-solving.

Strengthen alumni relations: The college will strengthen its alumni relations by organizing alumni events, creating networking opportunities, and engaging alumni in mentoring and career guidance programs.