



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

SHRI VILE PARLE KELAVANI MANDAL'S
DWARKADAS J. SANGHVI COLLEGE OF
ENGINEERING

- Name of the Head of the institution **DR. HARI VASUDEVAN**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **02242335096**
- Alternate phone No. **02242335000**
- Mobile No. (Principal) **9821464696**
- Registered e-mail ID (Principal) **info@djsce.ac.in;
principal@djsce.ac.in**
- Address **Plot No. U-15, JVPD Scheme,
Bhaktivedanta Swami Marg, Vile
Parle (West),**
- City/Town **Mumbai**
- State/UT **Maharashtra**
- Pin Code **400056**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **02/07/2019**
- Type of Institution **Co-education**

- Location **Urban**
- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. Vijayakumar Kottur N**
- Phone No. **02242335032**
- Mobile No: **9869363683**
- IQAC e-mail ID **vijaykumar.kottur@djsce.ac.in**

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

<https://djsce.ac.in/Images/djsceimages/NAAC/AQAR%202020-21 Latest.pdf>

4.Was the Academic Calendar prepared for that year?

Yes

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

https://www.djsce.ac.in/Common/Uploads/HomeTemplate/CDoc_Academic%20Calendar%20-%20Third%20Year%20B.Tech.%20Sem-V%20-%202021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.18	2019	18/10/2019	17/10/2024

6.Date of Establishment of IQAC

13/07/2015

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	Nil	Nil	Nil	00

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the [View File](#)

composition of the IQAC by the HEI

9.No. of IQAC meetings held during the year 2

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

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

10.Did IQAC receive funding from any 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)

An Institute Development Plan was prepared by planning the strengths, weaknesses, opportunities and challenges of the institute. Five goals were defined for Institute Development Plan. Four objectives were formulated under each goal and coordinator was selected for each goal.

Orientation program for newly joined faculty members was organized by IQAC. The program was conducted to introduce newly joined faculty members to various systems at DJSCE such as HR, Exam and Performance Appraisal and Academic Audit.

A workshop was organized on 'Preventive and Corrective Measures for Maintenance of Lab Instruments'. The aim of the workshop was to create awareness in the staff members about the measures (both preventive and corrective) to be taken for maintenance of Lab Instruments.

A workshop on Outcome Based Education (OBE) & Curriculum Design was conducted by IQAC for faculty members to orient faculty members towards important aspects of Outcome Based Education and to guide them for designing Curriculum from NEP perspective.

A workshop was organized on IP Case-studies: Patent, Design and Copyright to create awareness about Intellectual Property and the procedure to file. The aim of the workshop was to create awareness

about Intellectual Property (IP) and familiarize the participants with tools/resources for applying for registration. The procedure, timeline and fees to file a patent were discussed. The presentation also covered the guidelines on drafting the patent application and drafting post filing communications with the patent office.

12. Plan of action chalked out by IQAC at 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 improve placement	Two mock tests were conducted on 17th June and 11th July 2021 to improve the placement. • 384 students out of 394 students who were interested in placement were placed in various companies through campus placement with a highest CTC of 34 LPA and with an average CTC of 9.75 LPA.
Participation in NIRF and other surveys	NIRF 2022 has ranked DJSCE at 197th position among the top engineering colleges in India. • Times of India survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 10th amongst the Top 125 Private Engineering institutes of our country & 15th amongst the Top 170 Engineering institutes of the country. The college is also ranked 2nd best in the West Zone of the country (Issue: 14th June 2022). • The Week survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 33rd amongst the Top 216 Engineering Colleges of India and 9th amongst the Top 190 Private Engineering colleges of India. • India Today survey (2022) has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) as the "Best Private Engineering College" (Rank 1) in the West Zone of the country. The college is also ranked 11th

	<p>amongst the Top 238 Private Engineering institutes of our country in its latest edition (Issue: 4th July 2022). • Open Magazine survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) as the Best college (Rank 1) in Maharashtra State as well as Best College (Rank 1) in the West Zone of the country from amongst the Top 36 Private Engineering institutes (Issue: 08th August 2022). • CSR-GHRDC (Competition Success Review - Global Human Resource Development Centre 2022) Survey has ranked DJSCE 23rd amongst the Top 25 Engineering Colleges in India and 3rd in Maharashtra (Issue: July 2022). • Outlook India - Drshti Survey 2022 has ranked DJSCE 105 amongst the Top 160 Engineering Colleges of India (Issue: 08th July, 2022).</p>
Research Approval Committee (RAC) meetings & Annual Progress Seminar (APS) to monitor the progress of research scholars pursuing PG and PhD.	Bi-annual progress evaluation is in place and few research scholars are awarded with PhD Degree.
Improving the Curriculum	Syllabus of all fourth year UG programmes have been updated as per the industry standards. The syllabus revision was carried out by a committee involving external experts from industries and academia. Also, the Honors and Minors degrees were proposed for the AY 2022-23.
Training to faculty members	Organized various programs to enhance the academic and research skills of the faculty members. • Faculty Orientation Program. • Industry Perspective on Cyber Security. • Technical

	<p>Paper Writing/Presentation • Institute Development Plan. • Outcome Based Education (OBE) & Curriculum Design. • Innovation in Research using Cloud Based Tools. • Reserve Mobilization of Internship • Significance of Cyber Security in Human Life. • IPR Case Studies: Patent, Design and Copyright.</p>
Promote faculty publication and research activates	<p>11 faculty members completed their PhD during the academic year. • A total of 61 papers were presented & published by Faculty members in Conference Proceedings during the academic year. • 38 research papers were published in various UGC notified journals during the academic year.</p>
Patent	<p>12 patents were awarded during the year 2021-2022.</p>
Familiarize the students with emerging technologies	<p>Organized various programs to familiarize the students with emerging technologies • Webinar on Additive Manufacturing on 31st July 2021, by Ranjeet Kumar Bhagchandani, Assistant Professor, VIT Vellore. • Webinar on Emerging advancements in Automotive Technology on 7th august 2021, by Mr. Balaji B, former General Manager, Ashok Leyland. • Webinar on Effective ways to write a research article on 4th October 2021, by Prof. Shobhana Narasimhan, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore. • Webinar on Ardunio on 15th October 2021, by Poojitha MK, Sysopos Engineers, Sapientury Private Limited. • Webinar on Revamping SOLIDWORKS</p>

	for industrial use on 29th October 2021, by Jay Bhatt, Prolific.3D Tech.
Train the non-teaching staff members for the effective utilization of the resources.	Organized various programs to train the Non-Teaching staff members for the effective utilization of the resources. • Automation, Visualization and Reporting. • Preventive and Corrective Measures for Maintenance of Lab Instruments. • SAP-Effective Implementation.
Encouraging students to participate in various National and International competitions	Thirteen student teams have participated in various National & International competitions and won various prizes.
Preparation for project competition DJ Nirmati, DJ Strike, DJASCII, Avishkar	Students participated enthusiastically and improved skills.
Academic Audit	Academic Audit done regularly.

13. Was the AQAR placed before the statutory body? Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing body	29/08/2022

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

Data of the Institution

1.Name of the Institution	SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
• Name of the Head of the institution	DR. HARI VASUDEVAN
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02242335096
• Alternate phone No.	02242335000
• Mobile No. (Principal)	9821464696
• Registered e-mail ID (Principal)	info@djsce.ac.in; principal@djsce.ac.in
• Address	Plot No. U-15, JVPD Scheme, Bhaktivedanta Swami Marg, Vile Parle (West),
• City/Town	Mumbai
• State/UT	Maharashtra
• Pin Code	400056
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	02/07/2019
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the IQAC Co-ordinator/Director	Dr. Vijayakumar Kottur N				
• Phone No.	02242335032				
• Mobile No:	9869363683				
• IQAC e-mail ID	vijaykumar.kottur@djsce.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://djsce.ac.in/Images/djsceimages/NAAC/AQAR%202020-21_Latest.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.djsce.ac.in/Common/Uploads/HomeTemplate/CDoc_Academic%20Calendar%20-%20Third%20Year%20B.Tech.%20Sem-V%20-%202021-22.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.18	2019	18/10/2019	17/10/2024
6.Date of Establishment of IQAC			13/07/2015		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	00	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	2				

<ul style="list-style-type: none">Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
<ul style="list-style-type: none">If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none">If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
An Institute Development Plan was prepared by planning the strengths, weaknesses, opportunities and challenges of the institute. Five goals were defined for Institute Development Plan. Four objectives were formulated under each goal and coordinator was selected for each goal.		
Orientation program for newly joined faculty members was organized by IQAC. The program was conducted to introduce newly joined faculty members to various systems at DJSCE such as HR, Exam and Performance Appraisal and Academic Audit.		
A workshop was organized on 'Preventive and Corrective Measures for Maintenance of Lab Instruments'. The aim of the workshop was to create awareness in the staff members about the measures (both preventive and corrective) to be taken for maintenance of Lab Instruments.		
A workshop on Outcome Based Education (OBE) & Curriculum Design was conducted by IQAC for faculty members to orient faculty members towards important aspects of Outcome Based Education and to guide them for designing Curriculum from NEP perspective.		
A workshop was organized on IP Case-studies: Patent, Design and Copyright to create awareness about Intellectual Property and the procedure to file. The aim of the workshop was to create awareness about Intellectual Property (IP) and familiarize the participants with tools/resources for applying for registration. The procedure, timeline and fees to file a patent were discussed. The presentation also covered the guidelines on drafting the patent application and drafting post filing communications with		

the patent office.

12. Plan of action chalked out by IQAC at 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 improve placement	Two mock tests were conducted on 17th June and 11th July 2021 to improve the placement. • 384 students out of 394 students who were interested in placement were placed in various companies through campus placement with a highest CTC of 34 LPA and with an average CTC of 9.75 LPA.
Participation in NIRF and other surveys	NIRF 2022 has ranked DJSCE at 197th position among the top engineering colleges in India. • Times of India survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 10th amongst the Top 125 Private Engineering institutes of our country & 15th amongst the Top 170 Engineering institutes of the country. The college is also ranked 2nd best in the West Zone of the country (Issue: 14th June 2022). • The Week survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 33rd amongst the Top 216 Engineering Colleges of India and 9th amongst the Top 190 Private Engineering colleges of India. • India Today survey (2022) has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) as the "Best Private Engineering College" (Rank 1) in the West Zone of the country. The college is also ranked 11th amongst the Top 238

	<p>Private Engineering institutes of our country in its latest edition (Issue: 4th July 2022).</p> <ul style="list-style-type: none"> • Open Magazine survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) as the Best college (Rank 1) in Maharashtra State as well as Best College (Rank 1) in the West Zone of the country from amongst the Top 36 Private Engineering institutes (Issue: 08th August 2022). • CSR-GHRDC (Competition Success Review - Global Human Resource Development Centre 2022) Survey has ranked DJSCE 23rd amongst the Top 25 Engineering Colleges in India and 3rd in Maharashtra (Issue: July 2022). • Outlook India - Drshti Survey 2022 has ranked DJSCE 105 amongst the Top 160 Engineering Colleges of India (Issue: 08th July, 2022).
Research Approval Committee (RAC) meetings & Annual Progress Seminar (APS) to monitor the progress of research scholars pursuing PG and PhD.	Bi-annual progress evaluation is in place and few research scholars are awarded with PhD Degree.
Improving the Curriculum	Syllabus of all fourth year UG programmes have been updated as per the industry standards. The syllabus revision was carried out by a committee involving external experts from industries and academia. Also, the Honors and Minors degrees were proposed for the AY 2022-23.
Training to faculty members	Organized various programs to enhance the academic and research skills of the faculty members. • Faculty Orientation

	<p>Program. • Industry Perspective on Cyber Security. • Technical Paper Writing/Presentation • Institute Development Plan. • Outcome Based Education (OBE) & Curriculum Design. • Innovation in Research using Cloud Based Tools. • Reserve Mobilization of Internship • Significance of Cyber Security in Human Life. • IPR Case Studies: Patent, Design and Copyright.</p>
Promote faculty publication and research activates	<p>11 faculty members completed their PhD during the academic year. • A total of 61 papers were presented & published by Faculty members in Conference Proceedings during the academic year. • 38 research papers were published in various UGC notified journals during the academic year.</p>
Patent	<p>12 patents were awarded during the year 2021-2022.</p>
Familiarize the students with emerging technologies	<p>Organized various programs to familiarize the students with emerging technologies • Webinar on Additive Manufacturing on 31st July 2021, by Ranjeet Kumar Bhagchandani, Assistant Professor, VIT Vellore. • Webinar on Emerging advancements in Automotive Technology on 7th august 2021, by Mr. Balaji B, former General Manager, Ashok Leyland. • Webinar on Effective ways to write a research article on 4th October 2021, by Prof. Shobhana Narasimhan, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore. • Webinar on Ardunio on 15th October 2021, by</p>

	Poojitha MK, Sysopos Engineers, Sapientury Private Limited. • Webinar on Revamping SOLIDWORKS for industrial use on 29th October 2021, by Jay Bhatt, Prolific.3D Tech.
Train the non-teaching staff members for the effective utilization of the resources.	Organized various programs to train the Non-Teaching staff members for the effective utilization of the resources. • Automation, Visualization and Reporting. • Preventive and Corrective Measures for Maintenance of Lab Instruments. • SAP-Effective Implementation.
Encouraging students to participate in various National and International competitions	Thirteen student teams have participated in various National & International competitions and won various prizes.
Preparation for project competition DJ Nirmati, DJ Strike, DJASCI, Avishkar	Students participated enthusiastically and improved skills.
Academic Audit	Academic Audit done regularly.
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Governing body	29/08/2022
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
2020-2021	20/01/2022

15. Multidisciplinary / interdisciplinary

Practical application to solve real-world problems requires the knowledge of inter-disciplinary learning, where in integration of expertise in different domains of Engineering is needed. In view of this, various modes of learning beyond curriculum are encouraged. Regular curriculum provides the option of selecting Institute Level Elective, which are beyond each Engineering curriculum. Each department conducts various technical activities in which students are encouraged to participate. Accordingly, students learn the skill sets, which are not covered in their engineering syllabus. Students across all the departments enrol for various online courses offered by NPTEL, Coursera. Accordingly, they learn topics, which are beyond the scope of the said subject. Further, institution has a strong culture of implementing concepts in designing and manufacturing of various sub-systems for all-terrain Vehicles, Drone, Robots, Small Satellite Module and Rovers. Through this multi-disciplinary approach, students participate in various national and international competitions that mould them as an all-round Engineer. Institute has an active NSS cell, which implement technical projects for the welfare of the society. As a part of management initiative, courses in Data Analytics, Artificial Intelligence & Machine Learning (AIML) and Internet of Things (IoT) are conducted through external collaboration, which are open to all the students.

16. Academic bank of credits (ABC):

In line with the expected roll-out of NEP 2020 and compliance expected by various academic institutions, institute has already initiated steps to formulate expert teams and committees for making draft of Institute Development Plan. The draft lists out prominently, institute's goals with the objectives and planned activities. The institute primarily aspires to become a certificate/diploma/degree granting institution. The eleven undergraduate and three post-graduate programs offered by the institute focus on a multi-disciplinary holistic approach. This has ensured incorporation of not just the requisite courses in the respective programs, but also numerous electives for the learner to choose from a bouquet of courses. We also envisage to progressively provide a thoroughly flexible structure for the learner to pick-and-choose courses of her/his choice from other

institutes that she/he aspires to pursue from. We are in process of actively being a part of the network of institutions participating in the establishment and maintenance of Academic Bank of Credit (ABC). Thus, as focussed and promoted by the ABC structure, we are committed to facilitate the academic mobility of students. This shall enable them to freely study across any Higher Education Institute across the country and facilitate the "credit transfer", across the institutes.

17.Skill development:

DJSCE is highly committed and consistently strives to enhance skills of its students and faculty members from multidimensional perspectives. The institute does not limit itself to enhancement of technical expertise, but also gives tantamount emphasis on the non-technical skill development by providing a pertinent ecosystem.

The institute believes in project-based learning and thus motivates and mentors its students to participate and win in renowned national and international events, viz. European rover challenge, cansat, and Hackathons etc. The institute also organizes annual project competition DJASCI and a tailor-made soft skill development program to educate students regarding essentials of language skills. The program also focuses on verbal, non-verbal communication, formal and informal communication, team building and group discussions etc.

DJSCE perpetually encourages its staff members to upgrade their skills with the latest technology by undertaking courses under various platforms. They are also encouraged to participate in national and international conferences and symposium for exchange of ideas towards addressing significant research issues. Institute also organizes webinars and expert talks on topics ranging from physical wellbeing, emotional intelligence, fiscal management and many more. Thus, DJSCE provides a holistic and inclusive environment for skill development of all its stakeholders.

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

With the technological advances, there is a need to cultivate and preserve core human values. In view of this, subjects like Universal Human Values and Constitution of India are included in the syllabus. In these, students are made aware about the difference between the 'Self' & the 'Body'. They are taught to

assess the Happiness and Prosperity at the level of 'Self' & 'Society'. In Indian culture, Tradition of 'Guru-Shishya' is observed. Through various technical activities, this tradition is followed amongst the students. Institute has an active NSS cell, under which various events having direct impact on the Society are organized. The NSS organizes camp in rural areas that help in solving issues faced by the local people. Every year the college organizes events to celebrate the Independence Day, Republic Day and Marathi Bhasha Din. State of Maharashtra has a rich culture of Maratha History & its Kingdom, founded by 'Chatrapati Shivaji Maharaj'. To spread the awareness about the Maratha History, Shiv RajyaBhishek Din is celebrated. The Institute has active Nature Trek club that organizes treks to Forts in the Sahyadri ranges. Through this an awareness about the History of the land is created.

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

Outcome-Based Education (OBE) model is implemented at DJSCE from academic year 2015-2016. OBE is used as a student-centric teaching learning model to measure student performance through outcomes that include knowledge, skills and attitudes. The institute's vision & mission were first framed that represents the short-term goal as well as long-term goal in terms of students' learning outcomes, their personal growth, skill development and institution's overall performance. Departments then formulated its vision and mission in alignment with Institute's vision and mission. To measure the progress of students, Program Educational Objectives, Program Outcomes, Program Specific Outcomes and Course Outcomes were set.

For expectations, set in terms of Vision and Mission, PEO, PO & PSO, a right curriculum is important. For this, departments identified important domains in the respective programs, which helped them identify and select the right course(s) from each domain as part of the curriculum. Teachers set expectation about her\his courses in the form Course Outcomes (CO), keeping in mind the requirements of Bloom's Taxonomy.

To make students achieve course outcomes, OBTL model is followed.

To measure the success of the students, OBA Model was adopted. The PEOs are measured through Employer feedback, Alumni-survey, Placement records and higher education records.

20.Distance education/online education:

Since the year 2020 the institute has adopted MS Teams - an online classroom platform, that facilitates conduct of sessions in online mode, as well as provides features similar to a learning management software.

The institute has established SWAYAM-NPTEL local chapter since July 2016. The vibrant chapter, mentors and facilitates students and faculty members and ensure active participation for courses under SWAYAM platform.

In AY 2019 - 20 the institute partnered with IBM Innovation Centre to provide specialization programs for students in select areas, consisting of specially curated courses in the following areas:

- Data Analytics
- Artificial Intelligence and Machine Learning
- Internet of Things

The institute took the Coursera COVID 19 initiative to provide extensive training to the students and faculty members to keep themselves abreast with the contemporary and global research done in the world of technology. In all, 1963 and 671 courses were successfully completed by the students and faculty members of the institute in AY 2021 - 22.

Extended Profile

1.Programme

1.1 15

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3058

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

719

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

3058

Number of students who appeared for the examinations
conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

737

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

163

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 15

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3058

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 719

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 3058

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 737

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	163
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	163
Number of sanctioned posts for the year:	
4.Institution	
4.1	0
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	36
Total number of Classrooms and Seminar halls	
4.3	827
Total number of computers on campus for academic purposes	
4.4	8529.30
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curricula for all programs in our institute are developed by various Boards of Studies, keeping in mind the AICTE model curriculum. Graduate attributes, listed as twelve program outcomes are mapped in the four years curricula of each program. Program Specific Outcomes and Course Outcomes are engineered to have high relevance to local/national/regional/global developmental needs. In the subject of Innovative Product

Development, third year students form groups with second year students, mentored by final year students to work on a problem statement, or develop a product, which enhances the team building and collaborative learning approach.

In line with the "Make in India" initiative, courses in mechanical and production engineering are designed by integrating manufacturing processes with managerial approaches to achieve quality, reliability and sustainability. Courses, such as "Plant Engineering", "Energy Audit and Management" and Energy System Design" ensure energy and safety aspects at all levels. All our programs provide exposure to emerging areas, through courses such as Data Analytics, Artificial Intelligence, Machine Learning, Big Data, Cloud Computing etc. Open electives, such as Finance Management, Entrepreneurship Development & Management, Product Lifecycle Management, Digital Business Management, and Reliability Engineering make our students Industry ready.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://djsce.ac.in/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

15

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

308

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

239

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

15

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Gender

Gender sensitization means the modification of behaviour and attitude through creation of awareness on gender equality without any discrimination. Our institute encourages both boys and girls to participate in various activities, and provides safety and security to everyone by planning and exhibiting various gender equality programs. The institute has a woman development cell to promote and encourage female students and employees for their overall development through various programs.

Environment and Sustainability

Environmental awareness, urge for conservation of natural resources and sustainable lifestyles are inculcated in our students through Environmental Studies in sixth semester. Subjects like "Environmental Engineering" and "Energy Audit and Management" contribute towards environment protection awareness. Student bodies like National Service Scheme regularly conduct "Nature Trails" and "Beach Clean Drives" etc., displaying their concern for sustainable lifestyle.

Human Values and Professional Ethics in Curriculum

In order to inculcate human values and professional ethics in our students, courses like "Universal Human Values", "Business Communication and Ethics", "Professional Ethics and CSR" are introduced in fourth, fifth & eighth semesters respectively. With this exposure, the student understands harmony in the individual, family, society, profession & nature through UHV. BCE & CSR develops professional ethics through group activities and live projects.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

3

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

129

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1012

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://djsce.ac.in/NAAC/NAAC/NAAC%201.4.1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://djsce.ac.in/NAAC/NAAC/NAAC%201.4.2.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

843

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

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

429

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 students' learning levels and organises special programmes for both slow and advanced learners.

Weak students, scoring less than 40% marks, are identified through term tests and quizzes. Faculty as mentors find the root cause of poor performance in academics and conduct extra lectures for slow learners. They are also placed under the observation of peer mentors in their class, who are advanced learners, so that peer-to-peer learning is encouraged. Soft skill sessions are conducted for students to improve their interpersonal skills and build self-confidence, especially for students from vernacular medium. The institute also has ensured that there is a dedicated counsellor for students, who may face psychological problems.

Students in the department, who have scored above 80% in all the tests and who actively participates in co-curricular activities are classified as advanced learners by the subject faculty & mentor professor. These students are encouraged to participate in inter-collegiate programming/ project/paper presentation contests and are motivated to take up internships. Internship fairs & competitions are organised by the department and placement committees along with IEEE, CSI, ACM, ISME, IETE and RAS among many other student chapters and advanced learners are motivated to participate in these to represent the college at various competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/2.2.1_compressed.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2022	3058	163

File Description	Documents
Upload 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:

Various student chapters mentored by faculty members in our institute are aimed at providing experiential & participative learning & all are encouraged to ensure that they target competitions around the country & the globe to enhance problem solving among the student groups. This is the perfect way to bridge the 'theory to application' gap that majority of the institutes face. The Student chapters, such as IEEE, IETE, CSI, ACM & Pacemakers ensure adeptness in the field of software computing & embedded systems, which target the ECE and Biomedical applications. ISME, ISHRAE & SAE are completely focussed on manufacturing technologies, automotive & aero technology competitions with top accolades being won in India & abroad by all the student chapters. There is also a specific focus towards the Entrepreneurship & Incubation Centre in the college encouraging students to pursue & accelerate the project to product mentality by extensively organising meetings, seminars and workshops by venture capitalists. A special emphasis is also placed on the "National Social Service" (NSS) Chapter of our college to act on socio-cultural issues for the overall upliftment of the society as well as to make students aware of the problems of the under-privileged.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://djsce.ac.in/NAAC/NAAC/2.3.1%20COMBINED%20student%20centric%20methods%20(1).pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT (Information and Communication Technology) enables the use of innovative educational resources and the renewal of learning methods, establishing a more active collaboration of students and teachers to ease the acquisition of technological knowledge. All the classrooms are enabled with ICT tools, such as smart boards, projectors and wi-fi connection. Students have access to Student Portal, a learning management system (LMS), MS Teams and many more tools. Such tools are available to deliver interactive lectures to enhance learning.

Smart board helps the teacher to conduct and record lectures and provide lecture notes for students' reference. This is also supported with multimedia devices that offer the benefits of technology, convenience, easy maintenance and student interaction in one package.

Students can access information from SVKM's student portal, a learning management system. Faculty members can upload study materials, term work & term test marks and manage the student's attendance through this portal. Students can also submit assignments, pay the fees and view their results on the portal

During this pandemic, Ms Teams App assisted the faculty and students to conduct lectures, submit assignments, share files and organise examinations online. Even student-mentor interactions were held online through MS Teams.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://youtube.com/playlist?list=PLJcr48zh6nwd8qm6tWdnhGqNXgy-USQcO
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

163

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

As an Autonomous Institution, institute prepares its own academic calendar, which is made available on the college website at the beginning of the semester. The academic calendar is exhaustive, comprising of all the activities planned to be conducted throughout the semester. Details, such as commencement of the semester, term-tests, various curricular, co-curricular, sports & cultural activities, improvement week at the end of the semester, commencement of oral/practical examinations, theory examinations and public holidays, etc. are marked in the calendar.

Each department prepares a departmental academic calendar, which includes schedules of BE project display, mid-semester project reviews, display of test results, expert lectures, workshops, seminars and all other activities.

Every subject teacher then prepares a teaching plan consisting of theory and practical sessions. The practical teaching plan includes the list of experiments with dates to be performed during the semester. Internal Assessment is done as per the Academic Calendar. Term work evaluation components include Lab work, where the evaluation is carried out weekly through lab performance and journal assessments, assignments and tutorials etc., as per the schedule specified in the planner. Adherence to the academic calendar is noted by the HOD and also by the experts during the Academic Review Process.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

163

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

52

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1646

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

21

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

297

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The COVID-19 pandemic has made IT-enabled services an integral part of the examination process. One 'Question Paper' is randomly selected from the pool of 4 papers set by the examiner (2 internal & 2 external), on the day of examination. The evaluation process to declaration of results is completely online. MS Forms & Eklavya OSM software are used for uploading question papers & evaluation of answer sheets respectively. The result declaration is done using SAP where each student is enrolled at the time of admission. The online evaluation gives 24 x 7 access to the evaluators and therefore expedites the process if needed & similarly the moderation process being online allows the evaluators to access the papers for evaluation. In terms of technology each answer sheet of student is also barcoded so that student identity is not revealed till end of result declaration. The students can access their marks and in case of any queries, can request for re-evaluation.

MSTEAMS portal is also used for the 'Continuous Internal Assessment'. This includes;

- taking online quiz,

- scheduling & evaluating, assignment and experiment reports

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

2.6 - Student Performance and Learning Outcomes

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

The vision, mission statements of the department have been prominently displayed on the department web-page of the institute website – www.djsce.ac.in, HOD's office, faculty room, department laboratories, corridor and Learning Management System). The department PEOS and PSOs have been vividly displayed on department notice board and are prominently displayed on the course files of students. Wide publicity and sensitization for propagating the spirit of vision, mission, PEOS and PSOs among the student fraternity has been carried out by the faculty members. Non-teaching members of the department sensitized with the process in general as well as of the vision, mission, PEOS and PSOs of the department for realizing translator effect on the primary stakeholders – students. The department vision mission have also been disseminated through leaflets, pamphlets, literature distributed during workshops and seminars.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://djsce.ac.in/Images/djsceimages/NAAC/new%20comps%20co.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

For attainment of the Program Outcomes (PO) and Program Specific Outcomes (PSO), all Course Outcomes (CO) are mapped with PO and PSO. CO attainment values procured through internal assessment, ESE and course exit are calculated by evaluating the attainment level table, which is discussed below.

For the attainment level table, the three attainment levels are set for each individual course based on end semester performance as well as internal assessment in the course for the past three years. The target for the attainment levels are set at level 2 corresponding to the middle level, for all the courses of current academic year. Wherever the targets are attained, for the next academic year higher level targets are set. Wherever highest level target is attained, for the next academic year the attainment levels are redefined.

With the help of the assessment tools, the student's performance is evaluated for a particular assignment and their marks are then converted into the course attainment values. With this CO attainment values, the weighted average method is used to calculate the PO & PSO values

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

719

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://djsce.ac.in/NAAC/NAAC/Annual%20Report%202.6.3.2.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://djsce.ac.in/NAAC/NAAC/SSS%202022-23.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy aims to create and support a research culture among its faculty members, staff and students and leverage it to enrich and enhance the professional competence of everyone involved. The policy aims at developing and promoting scientific temper and research aptitudes of learners; to realize the vision and mission of the college and to contribute to national development. This is achieved by establishing an institutional fund and plan for facilitating their participation in research & related activities and by providing the required resources and appropriate facilities.

The Research Policy of the institution is updated on the college website with its well-defined guidelines, paving the way for our students and staff to contribute to 155 research papers in various journals and other publications. The Policy has ushered in getting research funding amounting to Rs. 35,00,000/- for the year 2021-22. Ten PhD guides of the institute with their 35 PhD aspirants find the ground rules, especially helpful to conduct world-class research and thereby subscribe to the development of science and technology for various outcomes.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.djsce.ac.in/Research%20Policy/M_474
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

35

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

2

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NA
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

10

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	NA
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Research and Development ecosystem has 10 recognized research guides in the institute, 40 faculty members with Doctorate degrees and 20 faculty members pursuing their Ph.D. studies. Physical infrastructure consists of a well-equipped Library and laboratories with state-of-the-art facilities including simulation equipment.

University of Mumbai approved Ph.D. Programmes in Mechanical Engineering, Electronics & Telecommunication Engineering and Computer Engineering have been in place since 2013. A budget of Rs.12,00,000/- per year is designated towards R&D, including STTPs, National/International Conference/Symposiums, and Project Competitions/Exhibitions etc. In 2020-21, Rs. 35,00,000/- was sanctioned for 2 research proposals. In the last year, 4 research projects undertaken by institute faculty members amounting to Rs. 40,50,000 have been funded by various government and non-government agencies.

Intellectual Property Rights (IPR) cell was established in the year 2014 with the objective to

create awareness amongst students and faculty members regarding the basics of patenting and copyrights and how to safeguard their ideas and findings from infringement.

Entrepreneurship Cell established in 2012 aims to identify and nurture the latent entrepreneurial spirit of students and provide them with opportunities for excellence.

Activities like Pre-E-summit workshops, Entrepreneurship Summit, Business growth plan competitions, guest lectures, start-up meets, webinars and business quizzes are regularly organized.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

40

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

6

File Description	Documents
URL to the research page on HEI website	https://www.djsce.ac.in/Research%20Policy/M_474
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

61

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

84

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

782

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

18

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

In its quest to constantly serve the society and the community at large, the National Service Scheme (NSS) chapter of Dwarkadas J. Sanghvi College of Engineering was set up with the motto "Education and Service to the community and by the community".

The issues our students work towards are:

- Identifying the needs of the community and using innovative technology to solve its problems.

- Making a safe environment for all by promoting gender equality.
- Setting up various Health and environment sustainability initiatives for a better tomorrow.

1. Health and Sanitation:

- Menstrual Health and Hygiene webinars
- Workshop on Cardiac Arrest Resuscitation
- Webinar 'Swipe Right GenZ'

2. Environment:

- Tree Plantation "MaiTree" 2.0
- "Tide Turners Plastic Challenge"
- 'Swachata and Prevention of single used plastic' Webinar

3. Education and Awareness:

- Atmasurakhsha (Women Self-defense training and Nirbhaya squad awareness).
- Pride Month Initiative ('Love knows no gender').
- The Positive Herald News Bulletin
- Lighten the Load (Mental Health Awareness Interactive Session).
- Stem Cell Donation Awareness Drive

4. Donation:

- Helping Hands 2.0- Clothes Donation.
- "Cater for Care"- Food Donation.
- Blood Donation Drive

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/nss/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

19

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1912

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

300

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

43

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	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 equipments, etc.

The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc. The institution state of art infrastructure with ICT enabled and well equipped air-conditioned classrooms with smartboard, laboratories, Central Library, and departmental libraries. Campus is Wi-Fi enabled with sufficient bandwidth. The Conference Room and Seminar Halls are used for seminars, workshops, conference, symposiums, etc. Institute has spacious and dedicated laboratories for all the 8 UG, 3 PG programmes and Ph. D. programmes. Each laboratory is equipped with adequate number of latest desktops. Latest equipments like Spectrum Analyzers, Logic Analyzer & Vector Network Analyzers and CNC Machines etc. are available for the conduct of regular practical sessions. The licensed application softwares, namely, Rational Rose, Autocad, Matlab, Ansys, Pro-E, HTRI, Oracle, Micriwind, Xylinx etc. are installed in laboratories as per the requirement of the course. Adequate

light system is installed in the labs to keep them well illuminated. Models and charts are put up for respective subjects in respective labs for support information. Lab manuals are also been provided during the practicals. Adequate computing facility is provided in all the laboratories and systems. Physical and Virtual, VMware Enterprise 6 servers and Backup Devices exist at the Data Centre and there are more than 825 Desktop Computers & 25 Laptops in good working condition all connected with internet facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/4.1.1%20photos.pdf

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

The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.) College has all the facilities useful for the overall development of each student. The college takes adequate care to encourage the students to grow up to their physical and mental ability for future betterment. Student life is the best time for the grooming and our college gives the maximum facility for it. Students have different cultural committees as well as hobby clubs under one umbrella. They celebrate different cultural fests every year. There is a mega cultural competition held by them every year, which is judged by the designated faculty members. The college also has an additional auditorium with light and sound arrangements on the ground floor of the college campus. College has a well-equipped Gymnasium on the first floor as well as Yoga centre on the fourth floor, with qualified trainers. Staff members learn and practice yoga during their leisure time. Indoor games facilities like carom, chess, table tennis etc. are available for the students. Students practice football, volley ball and Cricket on hired grounds surrounding the college. There is an inter college as well as intra college competition held every year by the college. There is also a playground as a common facility provided by our management.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/4.1.2%20adequate%20facilities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

36

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

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

439.36

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software

Nature of Automation (fully or partially)

Version

Year of Automation

LIBSYS

Fully

7

2010

KOHA

Fully

16.11.05.000

2017

The Library of Dwarkadas J. Sanghvi College of Engineering is named officially as "Manubhai P. Sanghvi Knowledge Centre". It is facilitated with 24 hours Wi-Fi network connection. With the use of various tools, the library has transformed, from a traditional library with manual transactions to an Electronic library and now is moving into being a Digital Library.

The library automation was initiated in the year 2000 with the in-house Library management software. Afterword's, the LIBSYS Integrated Library Management System was put into place in the year 2010. Presently, the KOHA Integrated Library Management System with 19.11.00.000 version is being used in the library. The fully computerized Library is a treasure house of knowledge comprising an ever growing collection of about 30000 books and more than 2,15000 e-books with 754 e-journals. The web based access of all the subscribed e-resources is an important facility provided by the library. Users can also access the online public access catalogue (OPAC) to find out the real-time availability of all library materials from their home.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://koha.djsce.ac.in

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

19.563

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

105

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

DJSCE IT Facilities Dwarkadas J Sanghvi College of Engineering provides the latest IT Facilities to its Employees and students to ensure efficient and effective conduction of all academic and other related activities. These facilities include personal Computers with high-speed internet connection and IP-based phones for each teaching staff member. DJSCE also provides well equipped labs with all relevant software and hardware requirements for the students from their curriculum and academics point of view. The institute has a total of 811 desktops, 17 Laptops, 19 printers, 53 switches, 39 Access points and 6 dedicated servers available on campus. The institute also has 33 smart boards and 40 LCD projectors to ensure modern and efficient classroom teaching. All the above-mentioned components and peripherals are connected in a high-speed network with Wi-Fi and LAN networking having bandwidth availability of more than 2GBPS and maintained & updated on a regular basis. The institute also has an effective FORTINET firewall in place to ensure data security and authentication. The entire DJSCE campus is under CCTV surveillance consisting of cameras.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	N/A

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2946	620

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students **A. 50 Mbps**

on campus

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: **B. Any three of the above**
Facilities
available for e-content development Media
Centre Audio-Visual Centre Lecture
Capturing System (LCS) Mixing
equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	N/A
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

439.36

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

1. All facilities are available to students and faculty from 7.00 am to 6.00 pm.

2. Proper purchase procedure for laboratory equipment.

3. Proper repair and maintenance procedure at institute level.

4. Every 3 years, the equipments and computers are upgraded and updated with latest software

5. Library is open access from 8.30 am to 6.30 pm. with a capacity of 180 students to sit and study inside library. 26 desktop computers are there for digital library usage. Each student can issue 3 text books for 7 days and faculty members can get 20 books for 3 months.

6. Purchase of books are carried out done every quarter and
online Page 40/119 25-07-2022 05:11:00 Annual Quality Assurance Report of SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING resources and journals are subscribed yearly.

7. Boy's and girl's common room are available with indoor games facility. A well-equipped gymnasium for students and faculty members in the college premise.

8. Individual PCs are provided to each faculty members and staff for academic and official work. File Description Documents

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

482

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

46

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://djsce.ac.in/NAAC/Criteria5/5.1.3/5.1.3 CapacityDevelopment SkillEnhancement.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3472

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

5.1.5 - The institution adopts the following mechanism for redressal of students' A. All of the above

grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

380

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

244

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

336

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

D J Sanghvi, as an institution, believes in creating a holistic environment for students. Extra-curricular and co-curricular activities are organized throughout the year for the benefit of students. The Student Council is responsible for organizing Cultural, Technical, Sports, and Literary events under the umbrella of its annual festival "Trinity". Events like the Unveiling of the Mascot, D J Night, and Musical concert are some of the highlights of the Annual College festivities. Student chapters are established by professional bodies, such as ACM, CSI, IETE, IEEE, ISME, RAS, SAE, ISHRAE, PACEMAKERS, and IICHE. These bodies conduct several technical events, such as paper presentations, seminars, guest lectures, project competitions, and industrial visits to keep up with the help of holistic education. Every department has an advisory board that consists of industry experts, faculty members, alumni, and student representatives. Every class/division has a representative to

address the grievances of students related to various facilities in the college. The college has an active NSS unit that strives to work for the benefit of society. Alumni Association is in place to strengthen the relationship between the alumni and the institute as well as to enhance the long-term brand value of the institute through collaborative means.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

1

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

DJSCE alumni has always made the institution proud at a global level contributing significantly to the field of technology and the cause of education. DJSCE Alumni Association was established in the year 2007. It serves as a forum to promote and foster a good relationship between Alumni, Students and Teachers, thereby enabling our institute to achieve its ambition of being a world-class institution for education, training, and research in engineering. Alumni are connected to the institute via, the alumni portal "<https://alumni.djsce.ac.in/>". There are 4315 registered members on the portal. Alumni of the college are invited as members of the Department Advisory Board (DAB) and their suggestions on various departmental activities are considered valuable. The association conducts alumni meet every year to strengthen relations between alumni and institute. The alumni meet of all the departments were conducted in the first

quarter of 2022. During the meet, alumni discussed career opportunities, changing trends in the industry, and start-ups. The students got the opportunity to meet and interact with the alumni in person.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.djsce.ac.in/

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution DJSCE, having celebrated its 25th year, just prior to COVID - 19 has always tried to be a global player in the academic arena. It includes :

- Training and producing disciplined and qualified people in Engineering, Science and Technological Fields.
- Enabling the students to explore new realms of wisdom.
- Inculcating values of personal excellence and concern for others.

Companies, such as Quantify, Browser Stack, Amazon, Reliance-Jio, RBL come knocking on its doorstep every year. Every New Year, the Times Square in New York has a congregation of alumni studying in the US celebrating their success achieved at DJSCE. IIT Bombay has now affiliated the institute as a Remote Centre for its e-outreach programs.

Our students are becoming academically strong, obtaining admissions in IITs, IISc and IIMs for their higher studies and are also unbeatable in Formula Racing, hackathon competitions on national and international levels.

The faculty have basked in the glory of Best paper awards, become Associate Editors of highly rated periodicals, such as IEEE Access, served on Technical Programme Committees and have given talks at various International Conferences in India and overseas.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://djsce.ac.in/Placement%20Cell/M_172

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization in DJSCE is effected through four statutory and twenty-nine non-statutory committees, which involve participation of majority of the faculty members.

Library Committee during COVID - 19 pandemics: Accessing books and journals online with ezproxy was of great help as pandemic continued in 2021-22.

Admission Committee: The admission process is conducted in the institute, by a committee headed by a Chairperson, Co-chairperson/s, aided by Vice Chairperson and teaching faculty members from various departments. The Admission Committee is ably supported by an IT Committee. The guidelines laid down by the AICTE, DTE and MHT CET Cell are followed. Release of advertisement in all the leading local newspapers and also on the website for inviting applications. Develop and test SAP starting from applications to final Merit List.

Guiding the candidates while filling the forms.

Prepare the merit list in accordance with the rules and regulations proposed by the DTE.

Carryout allotment of seats as per the merit and as per the

preferences filled in by the candidates.

Carryout actual admission process including registration, fees acceptance and confirmation of admission.

Display of vacancies and conduct of counselling round for filling the vacancies.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The revenue and capital budget are prepared prior to the start of the financial year. The total budget expenditure is estimated at approximately 91.48crores for the FY 2021-22. The disbursement is based on the Institute's Vision and Mission with a consideration towards budgetary liabilities. Salaries and benefits with capital expenditure, maintenance and operations costs, fundamentally drive fiscal expenses for the institute.

Academic Calendar: The academic calendar designed by the institute provides strategic direction, a set of broadly defined benchmarks and a series of guideposts for the journey along the semester. The ideas in this plan are meant to guide further work and help focus on the priorities and along with the vision, to inspire us to move forward in exciting new directions.

DJ IGNITE and DJ STRIKE are project based learning platforms emanating out of systematic academic and strategic planning. IGNITE is the official IETE-Student Forum newsletter, with articles and reports of the events conducted by IETE-SF throughout the year. The idea of DJ IGNITE emanated from DJ SPARK, the flagship event of IETE-SF. DJ SPARK publication eventually has an ISBN number. Students are given an opportunity to create industrial level projects with their BE students mentors and faculty mentor.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	www.djsceietesf.com
Upload any additional information	View File

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

Shri Vile Parle Kelavani Mandal is a Public Charitable Trust registered under the Society's Registration Act and Bombay Public Trust Act. From its humble beginning in 1934, when it took over the Rashtriya Shala, a school established in 1921 in the wake of the National Movement, the Mandal today has grown into a big educational conglomerate imparting high-level education to more than 60,000 students.

The Maharashtra University Act 1994 and Maharashtra Civil Services Rules 1981 available on public domain are followed. Currently, the revised Maharashtra Public University Act 2016 is in force and is being followed.

The appointed candidates have to sign the joining letter and a confirmation of approval of rules and regulations of the institute. Service Book is regularly updated, which are made available during the committee visits.. Carrier Advancement Scheme (CAS) set up by the institute throws light on its promotional policy of the institute.

Women's Day event was held on the 8th March 2021 in college premises. As per the University guidelines, the college has a Women Development Cell (WDC), formed to look after the grievances of women (female staff and students). One talk was organised on 8-12-21 under women development cell.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.djsce.ac.in/Organisation%20%20Governance/M_456
Upload any additional information	View File
Paste link for additional Information	NA

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 interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Management has adequate relief in terms of monetary compensation and leaves in the COVID period.

Introduced the scheme for employees, who have worked with institution for a minimum period of 10 years and have superannuated on reaching the retirement age: Rs. 10,000/- pm for faculty, Rs. 5000 for Class I, II and III employees and Rs.2500/- pm for Class IV. Half of the benefit is extended to the spouse, in case of demise of the ex-employee within stipulated period.

The employees are covered under group accidental policy upto Rs. 100000 and there is a group insurance policy with New India Assurance. LTC is admissible to Employees as per directive of Government of Maharashtra.

Wards, studying in any of the SVKM institutions are given 25% discount in the tuition fees during study period.

SVKM contributes towards the EPF and Loyalty bonus of the employees.

Credit society is formed to avail the facilities like loan, fixed deposits etc. Duty leave is provided for conference paper presentation pan India and abroad. Six months maternity leave is sanctioned for the female employees. One year paid leave is sanctioned for critical illness for confirmed employees if needed.

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

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

25

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

817

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute conducts internal and Statutory Audit, as per stipulated provisions of the Income Tax Act. The parent trust appoints the auditors and audits are conducted regularly. The areas covered by the auditors are; the maintenance of books of accounts and records, work load audit, capital expenditure and repairs and maintenance, statutory compliance, system implemented etc. as well as checking of the accounting process, like collections of fees from the students and its reconciliation. Payment of salary and its statutory compliance viz. TDS, Professional Tax and Employees Provident fund etc. as well as Purchase of assets and calculation of depreciation and other expenses and statutory compliances like TDS contractors, professionals and rent are part of it. Internal and statutory audit helps the institute to follow a systematic approach to evaluate and enhance the effectiveness of the financial process. A thorough check and verification of all transactions are carried out in each financial year. It reviews and approves information and compliance with the policies & procedures. The observations, recommendations & suggestions given by the auditors are duly complied with.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

35

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The institute is supported by SVKM, the Parent Trust, a non-profit Educational Trust. For appropriate and proper utilisation of resources, the institution has an Annual Planning and budgeting process. Budgets and compliance to the budgets, financial data submitted by the all departments along with required justification are closely monitored by the institute and management. As a self-financed institute, the main source of funds is collection of prescribed fees from the students admitted to UG and PG Programmes & PhD. The major funds are allocated for the salary of teaching and non-teaching staff as well as for the remuneration of visiting faculty members. Funds are utilised for priority services like Electricity, Water and Property taxes, insurance etc. Requisite funds are utilised for enhancing library facilities like subscription to Books, Online Journals and Periodicals-magazines etc. Funds are provided for other services like Security, Housekeeping and Pest Control etc. Funds are allocated for development of 1) Staff - to conduct orientation programs, workshops, FDPS and other training programs that ensure quality education. 2) Students - to conduct lectures from experts from industry as well as to encourage student's projects & other student activities like sports, cultural and technical etc.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institute Development Plan was prepared by planning the strengths, weaknesses, opportunities and challenges of the institute.

Curriculum: Syllabus of all fourth year UG programmes have been updated as per the industry standards. Honors and Minors degrees were proposed for the AY 2022-23.

Academic Audit were conducted regularly.

Faculty Trainings: Organized various programs to enhance the academic and research skills of the faculty members.

Organized various programs to train the Non-Teaching staff members for the effective utilization of the resources.

Student attendance monitored using SAP system.

Student Training: Organized various programs to familiarize the students with emerging technologies

Research Approval Committee: Research Approval Committee meetings Annual Progress Seminar to monitor the progress of research scholars pursuing PG and PhD.

Promotion of live ongoing projects: 8 teams under SAE, designed, assembled and participated in various national and international competitions.

Placement: 384 students out of 394 students who were interested in placement were placed in various companies through campus placement with a highest CTC of 34 LPA and with an average CTC of 9.75 LPA.

Alumni meet: Regular alumni meets were conducted to strengthen the alumni network. An alumni met was conducted at New York on 28th May 2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.djsce.ac.in/IQAC/M_306

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Course Files - Every teacher prepares the Teaching plan at the beginning of the semester for the courses, they are teaching.

Faculty Training - Teachers and students are encouraged to publish technical papers in reputed journals and conferences, Swayam courses, (NPTEL) to enhance the teaching learning process.

Curriculum Development - Each program has a Board of Studies, comprising of the academic and industry experts from renowned in sorority with the Head of the department (HOD), faculty members and alumni. Several factors form the periphery of this process such as Preparation of Academic Calendar, Impact Analysis of overall process, detailed dissection of the result etc.

Teaching and Learning - ICT enabled teaching-learning processes, including development of e-learning resources by faculty makes the learning more creative and dynamic.

Examination and Evaluation - Institute has adopted outcome based system, in which continuous evaluation does play an important role. The assessment is aligned with Program Outcomes (POs) & Program Specific Outcomes (PSOs), which are attained through course outcomes.

Research and Development Centre at DJSCE Industry Interaction / Collaboration -Internships (On campus projects consultation & implementation/ off campus industry premises) are organized for students to gain a practical insight and work culture of the industry.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://djsce.ac.in/NAAC/NAAC/IQAC%20Report.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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

The institute consistently strives to promote gender equity by organizing various activities. Some of the key events are:

- **Nirbhaya Squad-** The NSS unit organized a seminar on 'Nirbhaya Squad-Face of the fearless city' on 28th March 2022 at the Seminar Hall.
- **Feminine Hygiene-Menstrual hygiene awareness drive** "It's okay to have a ???" was organized by the institute on 20th March 2022 at Aarey Village in Goregaon(w) accompanied by sanitary napkin distribution. The students witnessed the

webinar on Feminine Hygiene-organized by NSS unit of Usha Pravin Gandhi College of Arts, Science and Commerce on 20th July 2021.

- Gender Equity- The institute held a campaign titled "Love knows no gender" from 23th to 25th June 2022, on its official Instagram handle. The students also attended a webinar by Ms. Zoya Thomas Lobo on "Society's indifference to the LGBTQ+ community" on 1st July 2021, via Instagram live.
- Women Development Cell (WDC) -The institution has established a College WDC to implement the directives and address the complaints/cases of sexual harassment in the institute if any.

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

D. Any 1of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

The institute has a well-defined mechanism for waste disposal:

Solid waste Management

- Every floor, staffroom, classroom and laboratory has a dustbin.
- Paper shredding is done periodically by the examination section.
- DJSCE NSS students undertake the Juhu beach cleanup drive every year after the Ganapati immersions.

E-Waste - E-waste is annually transferred to the local vendors for recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

C. Any 2 of the above

- 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
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

C. Any 2 of the above

1. Green audit
2. Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions/awards
- 5.Beyond the campus environmental promotional activities

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	View File
Any other relevant information	View File

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment:
Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms
Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities:
accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human**

C. Any 2 of the above

assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The institute has been recognized as a Gujarati linguistic minority college since 2007. The institute also takes continuous initiatives to create an inclusive environment towards various diversities viz. socio-economic (EBC), OBC, TFWS, and J&K.

Additionally, the institute is also organizing various activities for cultural, regional, linguistic, and communal diversities. Some of the key initiatives are:

- The International Day of Non-violence was celebrated on 2nd October 2021 to revisit Gandhiji's path-breaking philosophies of Ahinsa and Swaraj in order to maintain peace and harmony in the society.
- A Thanksgiving Event was arranged on 26th November 2021 to felicitate the unsung warriors during the Covid-19 pandemic for their selfless service.
- Indian Traditional Heritage online campaign was successfully held on the official Instagram handle of the institute in March 2022. The event focused on diversities across different social norms, ethical values, traditional customs, and belief systems.
- AURA- The Drama team provides a holistic environment to nurture the creativity of students. They use various means like street plays, short films, poetry and monologues, etc. to depict social issues prevalent in society and create cognizance.
- Navratri Celebration- The CWDC of the college organized a

Dandiya.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

DJSCE incessantly organizes events to sensitize students towards their social responsibilities. Some of the key events are:

- Helping Hands 2.0 clothes donation drive was organized from 4th to 13th August 2021.
- Blood Donation Drive was organized on 14th August 2021 and 19th December 2021.
- Cardiac Arrest Resuscitation, a District Level Online Workshop, was organized on 26th September 2021 in association with iCare Holy Family Hospital.
- Covid Care Immunity Booster webinar was organized during September 2021 in association with NM College.
- Cyber Watch webinar was organized on 27th January 2022 to educate attendees on various kinds of cyber-attacks.
- National Road Safety Awareness Drive was organized in January 2022 during National Road Safety week.
- River Rejuvenation webinar was organized to sensitize students regarding various water bodies.
- Cater for Care food donation drive was conducted in association with 'Yaari Dosti', a charity group based in Virar on 1st July 2021.
- A Stem Cell Donor Registration Drive was organized on 26th to 27th April, 2022 in collaboration with Marrow Donor Registry India (MDR(I)), India's first NGO which maintains a computerized database of stem cell donors.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

B. Any 3 of the above

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 programmes, 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

The institute enthusiastically celebrates national and international commemorative days, events, and festivals. These events witness active participation from students and staff making it more successful. Some of the key events are:

- **NSS Day** – The NSS unit of the institute celebrated the 53rd NSS Day on 24th September 2021 by organizing an online event "NEXUS" in collaboration with NSS units of VIT-AP, SVNIT Surat, IIT Roorkee, and NIT Calicut. The event commemorated its motto and spread awareness about mental health.
- **Republic Day**- Institute attended the online event to celebrate 73rd Republic day.
- **Women's Day** was celebrated by organizing a Women Self-defense training and Nirbhaya squad awareness program on

8th March 2022 in collaboration with the NSS unit of the University of Mumbai and R.D. National College, Bandra.

- An online campaign to conserve wildlife was held on 3rd March 2022 to celebrate World Wildlife Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

<https://djsce.ac.in/NAAC/NAAC/Uploaded%20pdf%20for%20best%20practice.pdf>

Best Practices:

1.Enhancement in Engineering Pedagogy through Faculty Development Programs / Online Certification Courses.

2.Professional Skill Building for Engineers (Soft Skills) in the 21st Century Workplace/Business English: Management & Leadership.

File Description	Documents
Best practices in the Institutional website	https://djsce.ac.in/NAAC/NAAC/Uploaded%20pdf%20for%20best%20practice.pdf
Any other relevant information	NA

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

D J Sanghvi College of Engineering moves ahead with a vision to be a world-class institution for education, training and

research in engineering for the sustainable development of society. The institute molds and empowers students in the pursuit of knowledge, values and social responsibility and help them achieve excellence in various fields, thereby also preparing them to face global challenges. A plethora of activities are conducted, that give the students a professional environment and the chance to further excel, imbibing the true spirit of oneness & upholding of ethical value system.

The institute, being autonomous, offers audit courses, like 'Indian Knowledge Tradition' 'Constitution of India' and credit course 'Universal Human Values' to create good citizens of India, who are conscious of ethics and integrity. Such subjects enable students to become responsible citizens of the nation.

The basic concepts of entrepreneurship, self-learning and research are also focused to conceptualize and create a successful product through the project-based laboratory course "Innovative Product Development". This course aims to identify different societal issues and works towards providing effective solutions.

Our institute has been consistently rated amongst the top 100 institutions of our country year after year by various ranking agencies.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curricula for all programs in our institute are developed by various Boards of Studies, keeping in mind the AICTE model curriculum. Graduate attributes, listed as twelve program outcomes are mapped in the four years curricula of each program. Program Specific Outcomes and Course Outcomes are engineered to have high relevance to local/national/regional/global developmental needs. In the subject of Innovative Product Development, third year students form groups with second year students, mentored by final year students to work on a problem statement, or develop a product, which enhances the team building and collaborative learning approach.

In line with the "Make in India" initiative, courses in mechanical and production engineering are designed by integrating manufacturing processes with managerial approaches to achieve quality, reliability and sustainability. Courses, such as "Plant Engineering", "Energy Audit and Management" and "Energy System Design" ensure energy and safety aspects at all levels. All our programs provide exposure to emerging areas, through courses such as Data Analytics, Artificial Intelligence, Machine Learning, Big Data, Cloud Computing etc. Open electives, such as Finance Management, Entrepreneurship Development & Management, Product Lifecycle Management, Digital Business Management, and Reliability Engineering make our students Industry ready.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://djsce.ac.in/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

15

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

308

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

239

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

15

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Gender

Gender sensitization means the modification of behaviour and attitude through creation of awareness on gender equality without any discrimination. Our institute encourages both boys and girls to participate in various activities, and provides safety and security to everyone by planning and exhibiting various gender equality programs. The institute has a woman development cell to promote and encourage female students and employees for their overall development through various programs.

Environment and Sustainability

Environmental awareness, urge for conservation of natural resources and sustainable lifestyles are inculcated in our students through Environmental Studies in sixth semester. Subjects like "Environmental Engineering" and "Energy Audit and Management" contribute towards environment protection awareness. Student bodies like National Service Scheme regularly conduct "Nature Trails" and "Beach Clean Drives" etc., displaying their concern for sustainable lifestyle.

Human Values and Professional Ethics in Curriculum

In order to inculcate human values and professional ethics in our students, courses like "Universal Human Values", "Business Communication and Ethics", "Professional Ethics and CSR" are introduced in fourth, fifth & eighth semesters respectively. With this exposure, the student understands harmony in the individual, family, society, profession &

nature through UHV. BCE & CSR develops professional ethics through group activities and live projects.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

3

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

129

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1012

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://djsce.ac.in/NAAC/NAAC/NAAC%201.4.1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://djsce.ac.in/NAAC/NAAC/NAAC%201.4.2.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

843

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

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

429

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 students' learning levels and organises special programmes for both slow and advanced learners.

Weak students, scoring less than 40% marks, are identified through term tests and quizzes. Faculty as mentors find the root cause of poor performance in academics and conduct extra lectures for slow learners. They are also placed under the observation of peer mentors in their class, who are advanced learners, so that peer-to-peer learning is encouraged. Soft skill sessions are conducted for students to improve their interpersonal skills and build self-confidence, especially for students from vernacular medium. The institute also has ensured that there is a dedicated counsellor for students, who may face psychological problems.

Students in the department, who have scored above 80% in all the tests and who actively participates in co-curricular activities are classified as advanced learners by the subject faculty & mentor professor. These students are encouraged to participate in inter-collegiate programming/ project/paper presentation contests and are motivated to take up internships. Internship fairs & competitions are organised by the department and placement committees along with IEEE, CSI, ACM, ISME, IETE and RAS among many other student chapters and advanced learners are motivated to participate in these to represent the college at various competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/2.2.1_compressed.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2022	3058	163

File Description	Documents
Upload 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:

Various student chapters mentored by faculty members in our institute are aimed at providing experiential & participative learning & all are encouraged to ensure that they target competitions around the country & the globe to enhance problem solving among the student groups. This is the perfect way to bridge the 'theory to application' gap that majority of the institutes face. The Student chapters, such as IEEE, IETE, CSI, ACM & Pacemakers ensure adeptness in the field of software computing & embedded systems, which target the ECE and Biomedical applications. ISME, ISHRAE & SAE are completely focussed on manufacturing technologies, automotive & aero technology competitions with top accolades being won in India & abroad by all the student chapters. There is also a specific focus towards the Entrepreneurship & Incubation Centre in the college encouraging students to pursue & accelerate the project to product mentality by extensively organising meetings, seminars and workshops by venture capitalists. A special emphasis is also placed on the "National Social Service" (NSS) Chapter of our college to act on socio-cultural issues for the overall upliftment of the society as well as to make students aware of the problems of the under-privileged.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://djsce.ac.in/NAAC/NAAC/2.3.1%20COMBINED%20student%20centric%20methods%20(1).pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT (Information and Communication Technology) enables the use of innovative educational resources and the renewal of learning methods, establishing a more active collaboration of students and teachers to ease the acquisition of technological knowledge. All the classrooms are enabled with ICT tools, such as smart boards, projectors and wi-fi connection. Students have access to Student Portal, a learning management system (LMS), MS Teams and many more tools. Such tools are available to deliver interactive lectures to enhance learning.

Smart board helps the teacher to conduct and record lectures and provide lecture notes for students' reference. This is also supported with multimedia devices that offer the benefits of technology, convenience, easy maintenance and student interaction in one package.

Students can access information from SVKM's student portal, a learning management system. Faculty members can upload study materials, term work & term test marks and manage the student's attendance through this portal. Students can also submit assignments, pay the fees and view their results on the portal

During this pandemic, Ms Teams App assisted the faculty and students to conduct lectures, submit assignments, share files and organise examinations online. Even student-mentor interactions were held online through MS Teams.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://youtube.com/playlist?list=PLJcr48zh6nwd8qm6tWdnhGqNXgy-USQcO
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

163

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

As an Autonomous Institution, institute prepares its own academic calendar, which is made available on the college website at the beginning of the semester. The academic calendar is exhaustive, comprising of all the activities planned to be conducted throughout the semester. Details, such as commencement of the semester, term-tests, various curricular, co-curricular, sports & cultural activities, improvement week at the end of the semester, commencement of oral/practical examinations, theory examinations and public holidays, etc. are marked in the calendar.

Each department prepares a departmental academic calendar, which includes schedules of BE project display, mid-semester project reviews, display of test results, expert lectures, workshops, seminars and all other activities.

Every subject teacher then prepares a teaching plan consisting of theory and practical sessions. The practical teaching plan includes the list of experiments with dates to be performed during the semester. Internal Assessment is done

as per the Academic Calendar. Term work evaluation components include Lab work, where the evaluation is carried out weekly through lab performance and journal assessments, assignments and tutorials etc., as per the schedule specified in the planner. Adherence to the academic calendar is noted by the HOD and also by the experts during the Academic Review Process.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

163

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

52

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1646

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

21

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

297

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The COVID-19 pandemic has made IT-enabled services an integral part of the examination process. One 'Question Paper' is randomly selected from the pool of 4 papers set by the examiner (2 internal & 2 external), on the day of

examination. The evaluation process to declaration of results is completely online. MS Forms & Eklavya OSM software are used for uploading question papers & evaluation of answer sheets respectively. The result declaration is done using SAP where each student is enrolled at the time of admission. The online evaluation gives 24 x 7 access to the evaluators and therefore expedites the process if needed & similarly the moderation process being online allows the evaluators to access the papers for evaluation. In terms of technology each answer sheet of student is also barcoded so that student identity is not revealed till end of result declaration. The students can access their marks and in case of any queries, can request for re-evaluation.

MSTEAMS portal is also used for the 'Continuous Internal Assessment'. This includes;

- taking online quiz,
- scheduling & evaluating, assignment and experiment reports

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

2.6 - Student Performance and Learning Outcomes

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

The vision, mission statements of the department have been prominently displayed on the department web-page of the institute website – www.djsce.ac.in, HOD's office, faculty room, department laboratories, corridor and Learning Management System). The department PEOS and PSOs have been vividly displayed on department notice board and are prominently displayed on the course files of students. Wide publicity and sensitization for propagating the spirit of vision, mission, PEOS and PSOs among the student fraternity

has been carried out by the faculty members. Non-teaching members of the department sensitized with the process in general as well as of the vision, mission, PEOS and PSOs of the department for realizing translator effect on the primary stakeholders – students. The department vision mission have also been disseminated through leaflets, pamphlets, literature distributed during workshops and seminars.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://djsce.ac.in/Images/djsceimages/NAAC/new%20comps%20co.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

For attainment of the Program Outcomes (PO) and Program Specific Outcomes (PSO), all Course Outcomes (CO) are mapped with PO and PSO. CO attainment values procured through internal assessment, ESE and course exit are calculated by evaluating the attainment level table, which is discussed below.

For the attainment level table, the three attainment levels are set for each individual course based on end semester performance as well as internal assessment in the course for the past three years. The target for the attainment levels are set at level 2 corresponding to the middle level, for all the courses of current academic year. Wherever the targets are attained, for the next academic year higher level targets are set. Wherever highest level target is attained, for the next academic year the attainment levels are redefined.

With the help of the assessment tools, the student's performance is evaluated for a particular assignment and their marks are then converted into the course attainment values. With this CO attainment values, the weighted average method is used to calculate the PO & PSO values

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

719

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://djsce.ac.in/NAAC/NAAC/Annual%20Report%202.6.3.2.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://djsce.ac.in/NAAC/NAAC/SSS%202022-23.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy aims to create and support a research culture among its faculty members, staff and students and leverage it to enrich and enhance the professional competence of everyone involved. The policy aims at developing and promoting scientific temper and research aptitudes of learners; to realize the vision and mission of the college

and to contribute to national development. This is achieved by establishing an institutional fund and plan for facilitating their participation in research & related activities and by providing the required resources and appropriate facilities.

The Research Policy of the institution is updated on the college website with its well-defined guidelines, paving the way for our students and staff to contribute to 155 research papers in various journals and other publications. The Policy has ushered in getting research funding amounting to Rs. 35,00,000/- for the year 2021-22. Ten PhD guides of the institute with their 35 PhD aspirants find the ground rules, especially helpful to conduct world-class research and thereby subscribe to the development of science and technology for various outcomes.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.djsce.ac.in/Research%20Policy/M_474
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

35

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

2

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NA
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

10

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	NA
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Research and Development ecosystem has 10 recognized research guides in the institute, 40 faculty members with Doctorate degrees and 20 faculty members pursuing their Ph.D.

studies. Physical infrastructure consists of a well-equipped Library and laboratories with state-of-the-art facilities including simulation equipment.

University of Mumbai approved Ph.D. Programmes in Mechanical Engineering, Electronics & Telecommunication Engineering and Computer Engineering have been in place since 2013. A budget of Rs.12,00,000/- per year is designated towards R&D, including STTPs, National/International Conference/Symposiums, and Project Competitions/Exhibitions etc. In 2020-21, Rs. 35,00,000/- was sanctioned for 2 research proposals. In the last year, 4 research projects undertaken by institute faculty members amounting to Rs. 40,50,000 have been funded by various government and non-government agencies.

Intellectual Property Rights (IPR) cell was established in the year 2014 with the objective to

create awareness amongst students and faculty members regarding the basics of patenting and copyrights and how to safeguard their ideas and findings from infringement.

Entrepreneurship Cell established in 2012 aims to identify and nurture the latent entrepreneurial spirit of students and provide them with opportunities for excellence.

Activities like Pre-E-summit workshops, Entrepreneurship Summit, Business growth plan competitions, guest lectures, start-up meets, webinars and business quizzes are regularly organized.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

40

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

6

File Description	Documents
URL to the research page on HEI website	https://www.djsce.ac.in/Research%20Policy/M_474
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

61

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

84

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

782

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

18

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

In its quest to constantly serve the society and the community at large, the National Service Scheme (NSS) chapter of Dwarkadas J. Sanghvi College of Engineering was set up with the motto "Education and Service to the community and by the community".

The issues our students work towards are:

- Identifying the needs of the community and using innovative technology to solve its problems.
- Making a safe environment for all by promoting gender equality.
- Setting up various Health and environment sustainability initiatives for a better tomorrow.

1. Health and Sanitation:

- Menstrual Health and Hygiene webinars
- Workshop on Cardiac Arrest Resuscitation
- Webinar 'Swipe Right GenZ'

2. Environment:

- Tree Plantation "MaiTree" 2.0
- "Tide Turners Plastic Challenge"
- 'Swachata and Prevention of single used plastic' Webinar

3. Education and Awareness:

- Atmasurakhsha (Women Self-defense training and Nirbhaya squad awareness).
- Pride Month Initiative ('Love knows no gender').
- The Positive Herald News Bulletin
- Lighten the Load (Mental Health Awareness Interactive Session).
- Stem Cell Donation Awareness Drive

4. Donation:

- Helping Hands 2.0- Clothes Donation.
- "Cater for Care"- Food Donation.
- Blood Donation Drive

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/nss/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

19

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1912

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

300

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

43

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	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 equipments, etc.

The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc. The institution state of art infrastructure with ICT enabled and well equipped air-conditioned classrooms with smartboard, laboratories, Central Library, and departmental libraries. Campus is Wi-Fi enabled with sufficient bandwidth. The Conference Room and Seminar Halls are used for seminars, workshops, conference, symposiums, etc. Institute has spacious and dedicated laboratories for all the 8 UG, 3 PG programmes and Ph. D. programmes. Each laboratory is equipped with adequate number of latest desktops. Latest equipments like Spectrum Analyzers, Logic Analyzer & Vector Network Analyzers and CNC Machines etc. are available for the conduct of regular practical sessions. The licensed application softwares, namely, Rational Rose, Autocad, Matlab, Ansys, Pro-E, HTRI, Oracle, Micriwind, Xylinx etc. are installed in laboratories as per the requirement of the course. Adequate light system is installed in the labs to keep them well illuminated. Models and charts are put up for respective subjects in respective labs for support information. Lab manuals are also been provided during the practicals. Adequate computing facility is provided in all the laboratories and systems. Physical and Virtual, VMware Enterprise 6 servers and Backup Devices exist at the Data Centre and there are more than 825 Desktop Computers & 25 Laptops in good working condition all connected with internet facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/4.1.1%20photos.pdf

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

The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.) College has all the facilities useful for the overall development of each student. The college takes adequate care to encourage the students to grow up to their physical and mental ability for future betterment. Student life is the best time for the grooming and our college gives the maximum facility for it. Students have different cultural committees as well as hobby clubs under one umbrella. They celebrate different cultural fests every year. There is a mega cultural competition held by them every year, which is judged by the designated faculty members. The college also has an additional auditorium with light and sound arrangements on the ground floor of the college campus. College has a well-equipped Gymnasium on the first floor as well as Yoga centre on the fourth floor, with qualified trainers. Staff members learn and practice yoga during their leisure time. Indoor games facilities like carom, chess, table tennis etc. are available for the students. Students practice football, volley ball and Cricket on hired grounds surrounding the college. There is an inter college as well as intra college competition held every year by the college. There is also a playground as a common facility provided by our management.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://djsce.ac.in/NAAC/NAAC/4.1.2%20adequate%20facilities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

36

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

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

439.36

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software

Nature of Automation (fully or partially)

Version

Year of Automation

LIBSYS

Fully

7

2010

KOHA

Fully

16.11.05.000

2017

The Library of Dwarkadas J. Sanghvi College of Engineering is named officially as "Manubhai P. Sanghvi Knowledge Centre". It is facilitated with 24 hours Wi-Fi network connection. With the use of various tools, the library has transformed, from a traditional library with manual transactions to an Electronic library and now is moving into being a Digital Library.

The library automation was initiated in the year 2000 with the in-house Library management software. Afterword's, the LIBSYS Integrated Library Management System was put into place in the year 2010. Presently, the KOHA Integrated Library Management System with 19.11.00.000 version is being used in the library. The fully computerized Library is a treasure house of knowledge comprising an ever growing collection of about 30000 books and more than 2,15000 e-books with 754 e-journals. The web based access of all the subscribed e-resources is an important facility provided by the library. Users can also access the online public access catalogue (OPAC) to find out the real-time availability of all library materials from their home.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://koha.djsce.ac.in

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

19.563

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

105

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities
DJSCE IT Facilities Dwarkadas J Sanghvi College of Engineering provides the latest IT Facilities to its

Employees and students to ensure efficient and effective conduction of all academic and other related activities. These facilities include personal Computers with high-speed internet connection and IP-based phones for each teaching staff member. DJSCE also provides well equipped labs with all relevant software and hardware requirements for the students from their curriculum and academics point of view. The institute has a total of 811 desktops, 17 Laptops, 19 printers, 53 switches, 39 Access points and 6 dedicated servers available on campus. The institute also has 33 smart boards and 40 LCD projectors to ensure modern and efficient classroom teaching. All the above-mentioned components and peripherals are connected in a high-speed network with Wi-Fi and LAN networking having bandwidth availability of more than 2GBPS and maintained & updated on a regular basis. The institute also has an effective FORTINET firewall in place to ensure data security and authentication. The entire DJSCE campus is under CCTV surveillance consisting of cameras.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	N/A

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2946	620

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above
--	----------------------------------

File Description	Documents
Upload any additional information	View File
Paste link for additional information	N/A
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

439.36

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

1. All facilities are available to students and faculty from 7.00 am to 6.00 pm.
2. Proper purchase procedure for laboratory equipment.
3. Proper repair and maintenance procedure at institute level.
4. Every 3 years, the equipments and computers are upgraded and updated with latest software
5. Library is open access from 8.30 am to 6.30 pm. with a capacity of 180 students to sit and study inside library. 26

desktop computers are there for digital library usage. Each student can issue 3 text books for 7 days and faculty members can get 20 books for 3 months.

6. Purchase of books are carried out done every quarter and online Page 40/119 25-07-2022 05:11:00 Annual Quality Assurance Report of SHRI VILE PARLE KELAVANI MANDAL'S DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING resources and journals are subscribed yearly.

7.Boy's and girl's common room are available with indoor games facility. A well-equipped gymnasium for students and faculty members in the college premise.

8. Individual PCs are provided to each faculty members and staff for academic and official work. File Description Documents

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

482

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

46

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	https://djsce.ac.in/NAAC/Criteria5/5.1.3/5.1.3_CapacityDevelopment_SkillEnhancement.pdf
Details of capability development and schemes	View File
Any additional information	View File
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	
3472	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation	A. All of the above

**of policies with zero tolerance Mechanism
for submission of online/offline students'
grievances Timely redressal of grievances
through appropriate committees**

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

380

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

244

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international

examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

336

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

D J Sanghvi, as an institution, believes in creating a holistic environment for students. Extra-curricular and co-curricular activities are organized throughout the year for the benefit of students. The Student Council is responsible for organizing Cultural, Technical, Sports, and Literary events under the umbrella of its annual festival "Trinity". Events like the Unveiling of the Mascot, D J Night, and Musical concert are some of the highlights of the Annual College festivities. Student chapters are established by professional bodies, such as ACM, CSI, IETE, IEEE, ISME, RAS, SAE, ISHRAE, PACEMAKERS, and IICHE. These bodies conduct several technical events, such as paper presentations, seminars, guest lectures, project competitions, and industrial visits to keep up with the help of holistic education. Every department has an advisory board that consists of industry experts, faculty members, alumni, and student representatives. Every class/division has a representative to address the grievances of students related to various facilities in the college. The college has an active NSS unit that strives to work for the benefit of

society. Alumni Association is in place to strengthen the relationship between the alumni and the institute as well as to enhance the long-term brand value of the institute through collaborative means.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

1

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

DJSCE alumni has always made the institution proud at a global level contributing significantly to the field of technology and the cause of education. DJSCE Alumni Association was established in the year 2007. It serves as a forum to promote and foster a good relationship between Alumni, Students and Teachers, thereby enabling our institute to achieve its ambition of being a world-class institution for education, training, and research in engineering. Alumni are connected to the institute via, the alumni portal "https://alumni.djsce.ac.in/". There are 4315 registered members on the portal. Alumni of the college are invited as members of the Department Advisory Board (DAB) and their suggestions on various departmental activities are considered valuable. The association conducts alumni meet every year to strengthen relations between alumni and institute. The alumni meet of all the departments were conducted in the first

quarter of 2022. During the meet, alumni discussed career opportunities, changing trends in the industry, and start-ups. The students got the opportunity to meet and interact with the alumni in person.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.djsce.ac.in/

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution DJSCE, having celebrated its 25th year, just prior to COVID - 19 has always tried to be a global player in the academic arena. It includes :

- Training and producing disciplined and qualified people in Engineering, Science and Technological Fields.
- Enabling the students to explore new realms of wisdom.
- Inculcating values of personal excellence and concern for others.

Companies, such as Quantify, Browser Stack, Amazon, Reliance-Jio, RBL come knocking on its doorstep every year. Every New Year, the Times Square in New York has a congregation of alumni studying in the US celebrating their success achieved at DJSCE. IIT Bombay has now affiliated the institute as a Remote Centre for its e-outreach programs.

Our students are becoming academically strong, obtaining admissions in IITs, IISc and IIMs for their higher studies and are also unbeatable in Formula Racing, hackathon competitions on national and international levels.

The faculty have basked in the glory of Best paper awards, become Associate Editors of highly rated periodicals, such as IEEE Access, served on Technical Programme Committees and have given talks at various International Conferences in India and overseas.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://djsce.ac.in/Placement%20Cell/M_172

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization in DJSCE is effected through four statutory and twenty-nine non-statutory committees, which involve participation of majority of the faculty members.

Library Committee during COVID - 19 pandemics: Accessing books and journals online with ezproxy was of great help as pandemic continued in 2021-22.

Admission Committee: The admission process is conducted in the institute, by a committee headed by a Chairperson, Co-chairperson/s, aided by Vice Chairperson and teaching faculty members from various departments. The Admission Committee is ably supported by an IT Committee. The guidelines laid down by the AICTE, DTE and MHT CET Cell are followed. Release of advertisement in all the leading local newspapers and also on the website for inviting applications. Develop and test SAP starting from applications to final Merit List.

Guiding the candidates while filling the forms.

Prepare the merit list in accordance with the rules and regulations proposed by the DTE.

Carryout allotment of seats as per the merit and as per the

preferences filled in by the candidates.

Carryout actual admission process including registration, fees acceptance and confirmation of admission.

Display of vacancies and conduct of counselling round for filling the vacancies.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The revenue and capital budget are prepared prior to the start of the financial year. The total budget expenditure is estimated at approximately 91.48crores for the FY 2021-22. The disbursement is based on the Institute's Vision and Mission with a consideration towards budgetary liabilities. Salaries and benefits with capital expenditure, maintenance and operations costs, fundamentally drive fiscal expenses for the institute.

Academic Calendar: The academic calendar designed by the institute provides strategic direction, a set of broadly defined benchmarks and a series of guideposts for the journey along the semester. The ideas in this plan are meant to guide further work and help focus on the priorities and along with the vision, to inspire us to move forward in exciting new directions.

DJ IGNITE and DJ STRIKE are project based learning platforms emanating out of systematic academic and strategic planning. IGNITE is the official IETE-Student Forum newsletter, with articles and reports of the events conducted by IETE-SF throughout the year. The idea of DJ IGNITE emanated from DJ SPARK, the flagship event of IETE-SF. DJ SPARK publication

eventually has an ISBN number. Students are given an opportunity to create industrial level projects with their BE students mentors and faculty mentor.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	www.djsceietesf.com,
Upload any additional information	View File

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

Shri Vile Parle Kelavani Mandal is a Public Charitable Trust registered under the Society's Registration Act and Bombay Public Trust Act. From its humble beginning in 1934, when it took over the Rashtriya Shala, a school established in 1921 in the wake of the National Movement, the Mandal today has grown into a big educational conglomerate imparting high-level education to more than 60,000 students.

The Maharashtra University Act 1994 and Maharashtra Civil Services Rules 1981 available on public domain are followed. Currently, the revised Maharashtra Public University Act 2016 is in force and is being followed.

The appointed candidates have to sign the joining letter and a confirmation of approval of rules and regulations of the institute. Service Book is regularly updated, which are made available during the committee visits.. Carrier Advancement Scheme (CAS) set up by the institute throws light on its promotional policy of the institute.

Women's Day event was held on the 8th March 2021 in college premises. As per the University guidelines, the college has a Women Development Cell (WDC), formed to look after the grievances of women (female staff and students). One talk was organised on 8-12-21 under women development cell.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.djsce.ac.in/Organisation%20%20Governance/M_456
Upload any additional information	View File
Paste link for additional Information	NA

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Management has adequate relief in terms of monetary compensation and leaves in the COVID period.

Introduced the scheme for employees, who have worked with institution for a minimum period of 10 years and have superannuated on reaching the retirement age: Rs. 10,000/- pm for faculty, Rs. 5000 for Class I, II and III employees and Rs.2500/- pm for Class IV. Half of the benefit is extended to the spouse, in case of demise of the ex-employee within stipulated period.

The employees are covered under group accidental policy upto Rs. 100000 and there is a group insurance policy with New India Assurance. LTC is admissible to Employees as per

directive of Government of Maharashtra.

Wards, studying in any of the SVKM institutions are given 25% discount in the tuition fees during study period.

SVKM contributes towards the EPF and Loyalty bonus of the employees.

Credit society is formed to avail the facilities like loan, fixed deposits etc. Duty leave is provided for conference paper presentation pan India and abroad. Six months maternity leave is sanctioned for the female employees. One year paid leave is sanctioned for critical illness for confirmed employees if needed.

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

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

25

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

817

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute conducts internal and Statutory Audit, as per stipulated provisions of the Income Tax Act. The parent trust appoints the auditors and audits are conducted regularly. The areas covered by the auditors are; the maintenance of books of accounts and records, work load audit, capital expenditure and repairs and maintenance, statutory compliance, system implemented etc. as well as checking of the accounting process, like collections of fees from the students and its reconciliation. Payment of salary and its statutory compliance viz. TDS, Professional Tax and Employees Provident fund etc. as well as Purchase of assets and calculation of depreciation and other expenses and statutory compliances like TDS contractors, professionals and rent are part of it. Internal and statutory audit helps the institute to follow a systematic approach to evaluate and enhance the effectiveness of the financial process. A thorough check and verification of all transactions are carried out in each financial year. It reviews and approves information and compliance with the

policies & procedures. The observations, recommendations & suggestions given by the auditors are duly complied with.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

35

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The institute is supported by SVKM, the Parent Trust, a non-profit Educational Trust. For appropriate and proper utilisation of resources, the institution has an Annual Planning and budgeting process. Budgets and compliance to the budgets, financial data submitted by the all departments along with required justification are closely monitored by the institute and management. As a self-financed institute, the main source of funds is collection of prescribed fees from the students admitted to UG and PG Programmes & PhD. The major funds are allocated for the salary of teaching and non-teaching staff as well as for the remuneration of visiting faculty members. Funds are utilised for priority services like Electricity, Water and Property taxes, insurance etc. Requisite funds are utilised for enhancing library facilities like subscription to Books, Online Journals and Periodicals-magazines etc. Funds are provided for other services like Security, Housekeeping and Pest Control etc. Funds are allocated for development of 1) Staff - to conduct

orientation programs, workshops, FDPS and other training programs that ensure quality education. 2) Students - to conduct lectures from experts from industry as well as to encourage student's projects & other student activities like sports, cultural and technical etc.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institute Development Plan was prepared by planning the strengths, weaknesses, opportunities and challenges of the institute.

Curriculum: Syllabus of all fourth year UG programmes have been updated as per the industry standards. Honors and Minors degrees were proposed for the AY 2022-23.

Academic Audit were conducted regularly.

Faculty Trainings: Organized various programs to enhance the academic and research skills of the faculty members.

Organized various programs to train the Non-Teaching staff members for the effective utilization of the resources.

Student attendance monitored using SAP system.

Student Training: Organized various programs to familiarize the students with emerging technologies

Research Approval Committee: Research Approval Committee meetings Annual Progress Seminar to monitor the progress of research scholars pursuing PG and PhD.

Promotion of live ongoing projects: 8 teams under SAE,

designed, assembled and participated in various national and international competitions.

Placement: 384 students out of 394 students who were interested in placement were placed in various companies through campus placement with a highest CTC of 34 LPA and with an average CTC of 9.75 LPA.

Alumni meet: Regular alumni meets were conducted to strengthen the alumni network. An alumni met was conducted at New York on 28th May 2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.djsce.ac.in/IQAC/M_306

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Course Files - Every teacher prepares the Teaching plan at the beginning of the semester for the courses, they are teaching.

Faculty Training - Teachers and students are encouraged to publish technical papers in reputed journals and conferences, Swayam courses, (NPTEL) to enhance the teaching learning process.

Curriculum Development - Each program has a Board of Studies, comprising of the academic and industry experts from renowned in sorority with the Head of the department (HOD), faculty members and alumni. Several factors form the periphery of this process such as Preparation of Academic Calendar, Impact Analysis of overall process, detailed dissection of the result etc.

Teaching and Learning - ICT enabled teaching-learning processes, including development of e-learning resources by faculty makes the learning more creative and dynamic.

Examination and Evaluation - Institute has adopted outcome

based system, in which continuous evaluation does play an important role. The assessment is aligned with Program Outcomes (POs) & Program Specific Outcomes (PSOs), which are attained through course outcomes.

Research and Development Centre at DJSCE Industry Interaction / Collaboration -Internships (On campus projects consultation & implementation/ off campus industry premises) are organized for students to gain a practical insight and work culture of the industry.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://djsce.ac.in/NAAC/NAAC/IQAC%20Report.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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

The institute consistently strives to promote gender equity by organizing various activities. Some of the key events are:

- Nirbhaya Squad- The NSS unit organized a seminar on 'Nirbhaya Squad-Face of the fearless city' on 28th March 2022 at the Seminar Hall.
- Feminine Hygiene-Menstrual hygiene awareness drive "It's okay to have a ????" was organized by the institute on 20th March 2022 at Aarey Village in Goregaon(w) accompanied by sanitary napkin distribution. The students witnessed the webinar on Feminine Hygiene-organized by NSS unit of Usha Pravin Gandhi College of Arts, Science and Commerce on 20th July 2021.
- Gender Equity- The institute held a campaign titled "Love knows no gender" from 23th to 25th June 2022, on its official Instagram handle. The students also attended a webinar by Ms. Zoya Thomas Lobo on "Society's indifference to the LGBTQ+ community" on 1st July 2021, via Instagram live.
- Women Development Cell (WDC) -The institution has established a College WDC to implement the directives and address the complaints/cases of sexual harassment in the institute if any.

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

D. Any 1of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

The institute has a well-defined mechanism for waste disposal:

Solid waste Management

- Every floor, staffroom, classroom and laboratory has a dustbin.
- Paper shredding is done periodically by the examination section.
- DJSCE NSS students undertake the Juhu beach cleanup drive every year after the Ganapati immersions.

E-Waste - E-waste is annually transferred to the local vendors for recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

C. Any 2 of the above

File Description	Documents
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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

C. Any 2 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	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The institute has been recognized as a Gujarati linguistic minority college since 2007. The institute also takes

continuous initiatives to create an inclusive environment towards various diversities viz. socio-economic (EBC), OBC, TFWS, and J&K.

Additionally, the institute is also organizing various activities for cultural, regional, linguistic, and communal diversities. Some of the key initiatives are:

- The International Day of Non-violence was celebrated on 2nd October 2021 to revisit Gandhiji's path-breaking philosophies of Ahinsa and Swaraj in order to maintain peace and harmony in the society.
- A Thanksgiving Event was arranged on 26th November 2021 to felicitate the unsung warriors during the Covid-19 pandemic for their selfless service.
- Indian Traditional Heritage online campaign was successfully held on the official Instagram handle of the institute in March 2022. The event focused on diversities across different social norms, ethical values, traditional customs, and belief systems.
- AURA- The Drama team provides a holistic environment to nurture the creativity of students. They use various means like street plays, short films, poetry and monologues, etc. to depict social issues prevalent in society and create cognizance.
- Navratri Celebration- The CWDC of the college organized a Dandiya.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

DJSCE incessantly organizes events to sensitize students towards their social responsibilities. Some of the key events are:

- Helping Hands 2.0 clothes donation drive was organized from 4th to 13th August 2021.
- Blood Donation Drive was organized on 14th August 2021 and 19th December 2021.

- Cardiac Arrest Resuscitation, a District Level Online Workshop, was organized on 26th September 2021 in association with iCare Holy Family Hospital.
- Covid Care Immunity Booster webinar was organized during September 2021 in association with NM College.
- Cyber Watch webinar was organized on 27th January 2022 to educate attendees on various kinds of cyber-attacks.
- National Road Safety Awareness Drive was organized in January 2022 during National Road Safety week.
- River Rejuvenation webinar was organized to sensitize students regarding various water bodies.
- Cater for Care food donation drive was conducted in association with 'Yaari Dosti', a charity group based in Virar on 1st July 2021.
- A Stem Cell Donor Registration Drive was organized on 26th to 27th April, 2022 in collaboration with Marrow Donor Registry India (MDR(I)), India's first NGO which maintains a computerized database of stem cell donors.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

B. Any 3 of the above

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 programmes, 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

The institute enthusiastically celebrates national and international commemorative days, events, and festivals. These events witness active participation from students and staff making it more successful. Some of the key events are:

- NSS Day - The NSS unit of the institute celebrated the 53rd NSS Day on 24th September 2021 by organizing an online event "NEXUS" in collaboration with NSS units of VIT-AP, SVNIT Surat, IIT Roorkee, and NIT Calicut. The event commemorated its motto and spread awareness about mental health.
- Republic Day- Institute attended the online event to celebrate 73rd Republic day.
- Women's Day was celebrated by organizing a Women Self-defense training and Nirbhaya squad awareness program on 8th March 2022 in collaboration with the NSS unit of the University of Mumbai and R.D. National College, Bandra.
- An online campaign to conserve wildlife was held on 3rd March 2022 to celebrate World Wildlife Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

<https://djsce.ac.in/NAAC/NAAC/Uploaded%20pdf%20for%20best%20practice.pdf>

Best Practices:

1.Enhancement in Engineering Pedagogy through Faculty Development Programs / Online Certification Courses.

2.Professional Skill Building for Engineers (Soft Skills) in the 21st Century Workplace/Business English: Management & Leadership.

File Description	Documents
Best practices in the Institutional website	https://djsce.ac.in/NAAC/NAAC/Uploaded%20pdf%20for%20best%20practice.pdf
Any other relevant information	NA

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

D J Sanghvi College of Engineering moves ahead with a vision to be a world-class institution for education, training and research in engineering for the sustainable development of society. The institute molds and empowers students in the pursuit of knowledge, values and social responsibility and help them achieve excellence in various fields, thereby also

preparing them to face global challenges. A plethora of activities are conducted, that give the students a professional environment and the chance to further excel, imbibing the true spirit of oneness & upholding of ethical value system.

The institute, being autonomous, offers audit courses, like 'Indian Knowledge Tradition' 'Constitution of India' and credit course 'Universal Human Values' to create good citizens of India, who are conscious of ethics and integrity. Such subjects enable students to become responsible citizens of the nation.

The basic concepts of entrepreneurship, self-learning and research are also focused to conceptualize and create a successful product through the project-based laboratory course "Innovative Product Development". This course aims to identify different societal issues and works towards providing effective solutions.

Our institute has been consistently rated amongst the top 100 institutions of our country year after year by various ranking agencies.

File Description	Documents
Appropriate link in the institutional website	https://djsce.ac.in/NAAC/NAAC/7.3.1_Proofs.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Following are the activities planned for the AY 2022-23 to facilitate the overall growth of the institute.

1. Improve college rankings in NIRF, ARIIA and in other surveys.
2. Training program for skill up-gradation of teaching staff by encouraging them to enroll in courses offered by IBM, SAS, NPTEL, Udemy, Coursera, Atal FDP etc.
3. Training program for skill up-gradation of non-teaching staff by providing them training on CNC machines, SAP, Oracle, Microsoft office etc.

4. To enhance student skills and increase their employability by offering them Value Added Programs (VAP) in collaboration with industry.
5. Upgradation of the syllabus with experts from reputed institutions and industry
6. College plans to organize various workshops/seminars on emerging technologies and overall improvement of mental & physical health for teaching staff, non-teaching staff and students.
7. Improvement in Industry-Institute interaction to reduce the gap between industry and academia.
8. Improving the research profile of the institute by bringing more research funding and by undertaking more consultancy projects.
9. Placement challenge: Increase the no. of placements, no. of companies and the package.
10. Organizing internship fair to provide student internships in various core industries.