



## YEARLY STATUS REPORT - 2023-2024

### 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./Alternate phone no. 02242335096
- Mobile no 9821464696
- Registered e-mail info@djsce.ac.in
- Alternate e-mail principal@djsce.ac.in;  
ramchandra.mangrulkar@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

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

- Location **Urban**
- Financial Status **Self-financing**
- Name of the Affiliating University **University of Mumbai**
- Name of the IQAC Coordinator **Dr. Vijayakumar Kottur N.**
- Phone No. **02242335032**
- Alternate phone No. **02242335096**
- Mobile **9869363683**
- IQAC e-mail address **vijaykumar.kottur@djsce.ac.in**
- Alternate Email address **hari.vasudevan@djsce.ac.in,  
ramchandra.mangrulkar@djsce.ac.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))** [https://djsce.ac.in/NAAC/NAAC24/AQAR\\_2022-23.pdf](https://djsce.ac.in/NAAC/NAAC24/AQAR_2022-23.pdf)

**4. Whether Academic Calendar prepared during the year?** **Yes**

• if yes, whether it is uploaded in the Institutional website Web link: [https://djsce.ac.in/NAAC/NAAC24/NS/Academic\\_Calendar-BTech\\_AY2023-24.pdf](https://djsce.ac.in/NAAC/NAAC24/NS/Academic_Calendar-BTech_AY2023-24.pdf)

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.18</b>	<b>2019</b>	<b>18/10/2019</b>	<b>31/12/2024</b>

**6. Date of Establishment of IQAC** **13/07/2015**

**7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>00</b>

**8. Whether composition of IQAC as per latest** **Yes**

## NAAC guidelines

- Upload latest notification of formation of IQAC [View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

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

- If yes, mention the amount

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

The Internal Quality Assurance Cell (IQAC) has been instrumental in boosting the institution's academic and research reputation. Notable accomplishments include the successful organisation of International conference ICACTA by departments of Computer Engineering and Information Technology, national-level project competitions like DJS SPARK, DJS STRIKE, a 24-hour National Hardware Hackathon "Unplugged 1.0" hosted by IETE-SF, SYN3RGY Hackathon by DJS ACM SIGAI and ISAKA, Hackniche a hackathon by Synapse, Datathon Data2Knowledge by DJ InIT and an Annual Tech fest DJS NIRMITI hosted by ISME, and Youth Summit by DJSMUNSOC to stimulate global academic collaboration. The institution's commitment to research is evidenced by the publication of 86 journal papers and 71 conference and book/book chapter publications during the year by faculty members, demonstrating the institution's dedication to knowledge progress.

IQAC's emphasis on innovation and intellectual property is demonstrated by the grant of three patents, publication of five patents, registration of six copyrights, and ten design registrations. This demonstrates the institution's ongoing dedication to innovation and entrepreneurship, as well as its ability to foster a culture of creative discovery.

IQAC has played an important role in the professional development of academics and students. A total of 285 Faculty Development Programmes (FDPs), Short Term Training Programs (STTPs) were successfully completed by faculty. Students have also benefited from a variety of training programmes, such as skill development seminars, Industrial visits to CDAC, GMRT, Siyasha Industries, Waaree Technologies, Cloudstrats, Evergreen Industries, workshops on Machine Learning, and Bootcamp on Python Basics, Data Science & Machine Learning Introductions. A five- day induction Training was organised for the first year students. The aim of these Induction sessions was to familiarise the students to engineering learning environment, adapt to new environment, encourage student interaction with their batch mates and bond well.

IQAC has facilitated impressive placement records, with a total of 364 placement offers, with highest CTC of 43 LPA and an average CTC of 10.78 LPA. These results reflect the institution's commitment to providing valuable career opportunities for its students.

The institution's continuous dedication to excellence has been recognized through multiple prestigious national rankings, Times of India, India Today, Competition Success Review (CSR) and The Week. These accolades further underscore the institution's reputation as a top-tier educational institution.

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

Plan of Action	Achievements/Outcomes
<p>To improve placements of students</p>	<p>Received 364 placement offers, with a highest CTC of 32 LPA and an average CTC of 11.1 LPA • Pre-placement training sessions including practise session on Guesstimate, Group Discussion, Personal Interview, Resume Writing and Case study were organized. A new feature included this year during the Pre-Placement Package was inclusion of industry interaction with companies like TCS, Arb Dossier and Edelweiss shared their expectation from engineering graduates. • An internship fair was conducted by</p>

	<p>DJSCE ACM, and DJSCE placement cell which provided a vibrant platform for networking, exploration and professional growth.</p>
<p>Participation for TOI, India Today and other surveys</p>	<p>Times of India survey has ranked DJSCE 13th amongst the Top 175 Private Engineering Colleges of our country &amp; 11th amongst the Top 125 Engineering Colleges of the country. The college is also ranked 2nd in the West Zone of the country. The survey also ranked DJSCE 15th amongst the Top 30 institutes in Research Capability &amp; 25th amongst the Top 70 private institutes for Placements in India (May, 2024).</p> <ul style="list-style-type: none"> <li>• Competition Success Review (CSR) Survey has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 1st in Maharashtra and 7th in the Top Engineering Colleges of Super Excellence in India. The survey also included DJSCE amongst the Top 20 Engineering colleges in terms of Faculty, Research, Consultancy, EDP &amp; Other Programmes (Issue: June 2024).</li> <li>• India Today nationwide survey (2024) has ranked DJSCE 7th amongst the Top 10 Private Engineering institutes of our country. DJSCE is also ranked as the Best Private Engineering College (Rank 1) in the West Zone of our country. The college is further ranked 7th amongst the top colleges with Best Placement Record</li> <li>• The Week nationwide survey (2024) has ranked Dwarkadas J. Sanghvi College of Engineering (DJSCE) 1st in the West zone of our</li> </ul>

	<p>country &amp; 1st amongst the Private Engineering Colleges of Maharashtra as well as 1st amongst the Private Engineering Colleges of Mumbai (Issue: 30th June, 2024). DJSCE is also ranked 11th amongst the Top 246 Private Engineering colleges of India and 35th amongst the Top 275 Engineering Colleges of India, along with some of the best institutions of our country, such as IITs, NITs, IIITs amongst others.</p>
<p>Research Approval Committee (RAC) meetings &amp; Annual Progress Seminar (APS) to monitor the progress of research scholars pursuing M.Tech, and Ph.D.</p>	<p>Annual Progress Seminar for Ph. D scholars, and regular Project evaluation of M. Tech students is in place and is regularly followed up.</p>
<p>Improving the Curriculum</p>	<p>The syllabus for the second year B. Tech programmes for AY 2024-25 has been updated as per NEP 2020. The syllabus revision was carried out by a committee involving external experts from industries and academia.</p>
<p>Training to faculty members</p>	<p>Organized various programs to enhance the academic and research skills of the faculty members. • Faculty Orientation Program. • Faculty Development Program. • Short Term Training Programs.</p>
<p>Promote faculty publication and research activates</p>	<p>Faculty Research: Faculty members have contributed significantly with more than 100 international publications in renowned journals and conferences. • The publication record of 86 journal articles and 71 conference and book/chapter publications by faculty members demonstrates the</p>

	<p>institution's strong commitment to research and its objective of furthering knowledge. • Professional Development: Faculty members have attended Faculty Development Programs (FDPs), ensuring continuous growth and high-quality education delivery.</p>
<p>Patent/Copyrights</p>	<p>A total of 19 intellectual property rights were granted and published by both students and faculty.</p>
<p>Familiarize the students with emerging technologies</p>	<p>Organized various programs to familiarize the students with advances in emerging technologies. • IETE-SF of EXTC department organised a 24 hours hardware hackathon "Unplugged 1.0" which is focussed on hardware based projects, challenging the participants to bring their innovative ideas to life within a compressed time frame. • The national level project competition DJS SPARK was organised by IETE-SF of the EXTC department, and Dr. Sandeepak Kakatkar, an expert in RF and Microwaves from SAMEER in Mumbai, and Dr. Santosh Chapaneri from Wolters Kluwer, an expert in machine learning and generative AI, were invited as experts. • IETE-SF in association with EXTC faculty organized DJS STRIKE which is judged by Mr. Vedant Awasty, co-foubder of AI can Pvt. Ltd, and Ms. Roma Jain, Data Scientist at Oversee AI. •Work shop was conducted on MATLAB programming by Dr. Venkataramanan • A seminar on Technical Paper</p>

	<p>writing by Dr. Venkata A P Chavali was organized. • A webinar on Intellectual Property Rights (IPR) and patenting was successfully conducted for the students by the department of Computers Science Engineering and Data Science. The seminar focused on the intricacies of IPR (Intellectual Property Right) copyrighting and patenting IPD ideas. The session was spearheaded by Dr. Kranti Ghag, an Associate Professor at D J Sanghvi College of Engineering. Dr. Kranti Ghag is also a registered patent agent in the Indian Patent Office with over 19 years of experience in the field. •An online workshop titled</p>
<p>Train the non-teaching staff members for the effective utilization of the resources</p>	<p>Organized Indian Society for Technical Education ISTE-approved Staff Development Program for the non-teaching staff on</p>
<p>Encouraging students to participate in various National and International competitions</p>	<p>Encouraging students for various national and international competitions has been a pivotal focus aligned with IQAC's roadmap for enhancing educational quality and fostering holistic development. Throughout the academic year, several initiatives were introduced to promote student participation in these forums, leading to remarkable outcomes and achievements. Noteworthy achievements include securing top positions, commendations, and awards in hackathons, robotics competitions, engineering challenges, and</p>



innovation domains. These victories highlight the students' innovative thinking, problem-solving abilities, and technical skills. This robust participation and commendable success in various competitions stand as a testament to the institution's commitment to empowering students and fostering a culture of excellence, innovation, and competitiveness.

Preparation for project competition DJS Nirmity, DJS Strike, DJS Spark and Avishkar

Throughout the academic year, our institution meticulously prepared students for various project competitions, fostering a culture of innovation and practical exposure. DJS Nirmity, held from 4th to 5th April 2024, emphasizing practical exposure and lifelong learning. DJS Strike, was held on 27th April 2024, aimed to bridge theory-practice gaps, enhance technical writing, and empower students to present innovative projects. This competition covered diverse domains, from IoT to database management, enabling students to craft contemporary solutions. DJS Spark 2024, organized on 27th April 2024, facilitated theoretical-practical knowledge integration. This event allowed students to showcase projects, fostering technical writing and research abilities. Additionally, our institution actively participated in the 18th Inter-Collegiate Avishkar Research Convention, organized by the University of Mumbai, presenting projects covering various engineering and

	<p>technology aspects. These initiatives have been aligned with the IQAC's plan to enhance quality through innovation and practical exposure.</p>
<p>Academic and Administrative Audit</p>	<p>Consistent with our commitment to quality enhancement, internal and external academic, and administrative audits are conducted regularly. The Internal Audit Committee, rigorously oversees the internal audit process, ensuring adherence to established standards and practices. Simultaneously, individual departments appoint external auditors, emphasizing an inclusive approach to the evaluation process. These audits serve as robust mechanisms for comprehensive assessments, meticulously examining our academic operations, methodologies, and structural frameworks.</p>

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

- Name of the statutory body

Name	Date of meeting(s)
Governing body	12/08/2024

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	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./Alternate phone no.	02242335096
• Mobile no	9821464696
• Registered e-mail	info@djsce.ac.in
• Alternate e-mail	principal@djsce.ac.in; ramchandra.mangrulkar@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
<b>2.Institutional status</b>	
• Affiliated /Constituent	Autonomous
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Dr. Vijayakumar Kottur N.				
• Phone No.	02242335032				
• Alternate phone No.	02242335096				
• Mobile	9869363683				
• IQAC e-mail address	vijaykumar.kottur@djsce.ac.in				
• Alternate Email address	hari.vasudevan@djsce.ac.in, ramc handra.mangrulkar@djsce.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://djsce.ac.in/NAAC/NAAC24/AQAR_2022-23.pdf">https://djsce.ac.in/NAAC/NAAC24/AQAR_2022-23.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Academic_Calendar-BTech_AY2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Academic_Calendar-BTech_AY2023-24.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.18	2019	18/10/2019	31/12/2024
<b>6.Date of Establishment of IQAC</b>			13/07/2015		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	00	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
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<b>9.No. of IQAC meetings held during the year</b>	2	
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<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
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<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>The Internal Quality Assurance Cell (IQAC) has been instrumental in boosting the institution's academic and research reputation. Notable accomplishments include the successful organisation of International conference ICACTA by departments of Computer Engineering and Information Technology, national-level project competitions like DJS SPARK, DJS STRIKE, a 24-hour National Hardware Hackathon "Unplugged 1.0" hosted by IETE-SF, SYN3RGY Hackathon by DJS ACM SIGAI and ISAKA, Hackniche a hackathon by Synapse, Datathon Data2Knowledge by DJ InIT and an Annual Tech fest DJS NIRMITI hosted by ISME, and Youth Summit by DJSMUNSOC to stimulate global academic collaboration. The institution's commitment to research is evidenced by the publication of 86 journal papers and 71 conference and book/book chapter publications during the year by faculty members, demonstrating the institution's dedication to knowledge progress.</p>		
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from a variety of training programmes, such as skill development seminars, Industrial visits to CDAC, GMRT, Siyasha Industries, Waaree Technologies, Cloudstrats, Evergreen Industries, workshops on Machine Learning, and Bootcamp on Python Basics, Data Science & Machine Learning Introductions. A five- day induction Training was organised for the first year students. The aim of these Induction sessions was to familiarise the students to engineering learning environment, adapt to new environment, encourage student interaction with their batch mates and bond well.

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<p>Research Approval Committee (RAC) meetings &amp; Annual Progress Seminar (APS) to monitor the progress of research scholars pursuing M.Tech, and Ph.D.</p>	<p>Annual Progress Seminar for Ph. D scholars, and regular Project evaluation of M. Tech students is in place and is regularly followed up.</p>
<p>Improving the Curriculum</p>	<p>The syllabus for the second year B. Tech programmes for AY 2024-25 has been updated as per NEP 2020. The syllabus revision was carried out by a committee involving external experts from industries and academia.</p>
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<p>Promote faculty publication and research activates</p>	<p>Faculty Research: Faculty members have contributed significantly with more than 100 international publications in renowned journals and conferences. • The publication record of 86 journal articles and 71 conference and book/chapter publications by faculty members demonstrates the institution's strong</p>



	<p>commitment to research and its objective of furthering knowledge. • Professional Development: Faculty members have attended Faculty Development Programs (FDPs), ensuring continuous growth and high-quality education delivery.</p>
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<p>Familiarize the students with emerging technologies</p>	<p>Organized various programs to familiarize the students with advances in emerging technologies. • IETE-SF of EXTC department organised a 24 hours hardware hackathon "Unplugged 1.0" which is focussed on hardware based projects, challenging the participants to bring their innovative ideas to life within a compressed time frame. • The national level project competition DJS SPARK was organised by IETE-SF of the EXTC department, and Dr. Sandeepak Kakatkar, an expert in RF and Microwaves from SAMEER in Mumbai, and Dr. Santosh Chapaneri from Wolters Kluwer, an expert in machine learning and generative AI, were invited as experts. • IETE-SF in association with EXTC faculty organized DJS STRIKE which is judged by Mr. Vedant Awasty, co-foubder of AI can Pvt. Ltd, and Ms. Roma Jain, Data Scientist at Oversee AI. •Work shop was conducted on MATLAB programming by Dr. Venkataramanan • A seminar on</p>

	<p>Technical Paper writing by Dr. Venkata A P Chavali was organized. • A webinar on Intellectual Property Rights (IPR) and patenting was successfully conducted for the students by the department of Computers Science Engineering and Data Science. The seminar focused on the intricacies of IPR (Intellectual Property Right) copyrighting and patenting IPD ideas. The session was spearheaded by Dr. Kranti Ghag, an Associate Professor at D J Sanghvi College of Engineering. Dr. Kranti Ghag is also a registered patent agent in the Indian Patent Office with over 19 years of experience in the field. •An online workshop titled</p>
<p>Train the non-teaching staff members for the effective utilization of the resources</p>	<p>Organized Indian Society for Technical Education ISTE-approved Staff Development Program for the non-teaching staff on</p>
<p>Encouraging students to participate in various National and International competitions</p>	<p>Encouraging students for various national and international competitions has been a pivotal focus aligned with IQAC's roadmap for enhancing educational quality and fostering holistic development. Throughout the academic year, several initiatives were introduced to promote student participation in these forums, leading to remarkable outcomes and achievements. Noteworthy achievements include securing top positions, commendations,</p>

	<p>and awards in hackathons, robotics competitions, engineering challenges, and innovation domains. These victories highlight the students' innovative thinking, problem-solving abilities, and technical skills. This robust participation and commendable success in various competitions stand as a testament to the institution's commitment to empowering students and fostering a culture of excellence, innovation, and competitiveness.</p>
<p>Preparation for project competition DJS Nirmiti, DJS Strike, DJS Spark and Avishkar</p>	<p>Throughout the academic year, our institution meticulously prepared students for various project competitions, fostering a culture of innovation and practical exposure. DJS Nirmiti, held from 4th to 5th April 2024, emphasizing practical exposure and lifelong learning. DJS Strike, was held on 27th April 2024, aimed to bridge theory-practice gaps, enhance technical writing, and empower students to present innovative projects. This competition covered diverse domains, from IoT to database management, enabling students to craft contemporary solutions. DJS Spark 2024, organized on 27th April 2024, facilitated theoretical-practical knowledge integration. This event allowed students to showcase projects, fostering technical writing and research abilities. Additionally, our institution actively participated in the</p>

	<p>18th Inter-Collegiate Avishkar Research Convention, organized by the University of Mumbai, presenting projects covering various engineering and technology aspects. These initiatives have been aligned with the IQAC's plan to enhance quality through innovation and practical exposure.</p>
<p><b>Academic and Administrative Audit</b></p>	<p>Consistent with our commitment to quality enhancement, internal and external academic, and administrative audits are conducted regularly. The Internal Audit Committee, rigorously oversees the internal audit process, ensuring adherence to established standards and practices. Simultaneously, individual departments appoint external auditors, emphasizing an inclusive approach to the evaluation process. These audits serve as robust mechanisms for comprehensive assessments, meticulously examining our academic operations, methodologies, and structural frameworks.</p>
<p><b>13. Whether the AQAR was placed before statutory body?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
<p>Name</p>	<p>Date of meeting(s)</p>
<p>Governing body</p>	<p>12/08/2024</p>
<p><b>14. Whether institutional data submitted to AISHE</b></p>	

Year	Date of Submission
2022-23	07/02/2024

### 15. Multidisciplinary / interdisciplinary

Dwarkadas J. Sanghvi College of Engineering (DJSCE) aspires to be a world-class institution in education, training, and research in engineering, emphasizing values and skills for sustainable societal development. In alignment with this vision, DJSCE has embraced the principles of the National Education Policy (NEP) 2020, which emphasizes multidisciplinary and holistic education. Though NEP 2020 was officially implemented in Maharashtra in the academic year 2023-24, DJSCE took proactive steps by introducing the Honors and Minor Program during the academic year 2022-23 itself, utilizing its autonomous status to make multi-disciplinarity a core feature of its curriculum. This Honors and Minors Program at DJSCE includes nine Honors and eight Minor programs, allowing students to explore cross-disciplinary areas previously restricted in the traditional university curriculum. The Honors program provides students with the flexibility to choose advanced courses within their field, enabling deeper specialization. In contrast, the Minor program lets students delve into cross-domain disciplines based on personal interests. For instance, a mechanical engineering student can pursue a Minor in Data Analytics from the Computer Science and Engineering (Data Science) department, while a Computer Engineering student can explore robotics through the Mechanical Engineering department's Minor program. This approach fosters innovation, allowing students to develop diverse skill sets tailored to their career goals. In the academic year 2023-24, DJSCE again revised its curriculum to comply with NEP 2020 guidelines, further enhancing its multidisciplinary offerings. The autonomous structure previously facilitated the introduction of Open Elective courses, or Institute Level Electives, available as credit courses in the final year of undergraduate studies. With the revised curriculum, these electives are now available at the 3rd & 4th semester, offering around 20 unique courses. These electives cover various subjects, including finance, logistics, cybersecurity, and management information systems, broadening students' exposure to different fields and enhancing their adaptability. Since the academic year 2019-20, DJSCE has incorporated mandatory courses, such as the Constitution of India, Universal Human Values, and Environmental Science into its autonomous curriculum. These courses emphasize a multidisciplinary approach, while instilling values of morality, ethics, environmental awareness, and respect

for constitutional laws. With the NEP 2020-compliant curriculum, DJSCE introduced mandatory credit courses, like the Indian Knowledge System, celebrating India's traditional contributions to science, engineering, art, architecture, and more. This initiative aims to foster pride in India's rich heritage and encourages students to engage with traditional knowledge systems. DJSCE's commitment to experiential learning is evident in its vibrant student chapters and clubs – 14 chapters and 31 clubs. These teams provide students with opportunities to participate in various activities across engineering, arts, literature, music, dance, drama, fashion, community service, and entrepreneurship. The choice-based curriculum harmonizes academic learning with extracurricular pursuits, making learning through discovery a reality. The revised NEP 2020, compliant curriculum has seen the introduction of a unique mandatory credit course – Community Engagement Service. The objective of the course is to sensitize the student / learner into recognizing community level problems & challenges and give them an opportunity to engage in activities for solving the same.

#### **16.Academic bank of credits (ABC):**

In line with the roll-out of NEP 2020 and compliance expected by various academic institutions, the institute had initiated steps during the academic year 2021-22 to formulate expert teams and committees for making the draft of the Institute Development Plan (IDP). The draft lists out prominently, the institute's goals with the objectives and planned activities. DJSCE primarily aspires to become a certificate/diploma/degree granting institution. The eight 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. The institute also envisages 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 and is in the 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, the institute is committed to facilitating the academic mobility of students. This shall enable them to freely study across any Higher Education Institutes across the country and facilitate the "credit transfer", across the institutes of their choice. The institute has already registered on the portal and the awareness

is created among the students regarding Academic bank of credits (ABC). Almost all students have registered on the portal and received their ABC ID up to the academic year 2023-24. The institute has also uploaded all exam results up to May 2024.

### **17.Skill development:**

The institute's curriculum has numerous skill development courses that provide learners with an experiential learning opportunity. A unique offering is a credit course - Innovative Product Development (IPD), which is pursued by learners progressively over semesters 3 to 6. Student groups are expected to think, discuss, brainstorm, and evolve idea-solutions to real world problems. The idea-solutions, mentored by faculty members, evolve and progress from semesters 3 to 6, giving an opportunity for the learner to experience and explore various technical aspects and technologies as well as enabling them to publish their works / findings upon recommendations from their mentors. Learners are also allowed to form inter-disciplinary teams, that give them opportunity to assimilate holistic problem-solving skills. Vocational skill training courses form the basis or backbone of the engineering curriculum at DJSCE. Every program is based uniquely upon not just courses based on technology fundamentals, but more importantly is also focussed upon tech-tools, implements and mechanisms that are the driving forces of practical industry. Almost a decade ago, DJSCE spearheaded and set the trend in a unique activity of engaging programming courses, like Structured Programming Using C and Object-Oriented Programming Using JAVA at First Year of engineering, in a complete laboratory based practical environment. Every learner having her/his computer terminal understands, learns and demonstrates the programming skill-set practically. Irrespective of the program, every learner is expected to undergo a mandatory credit course - Workshop Practices, wherein a learner is exposed to not just the classical industry trades, like - carpentry, fitting, electronic-soldering, printed circuit board (PCB) making, plumbing, welding and sheet-metal etc., but also trades involving modern manufacturing technique, i.e. 3D printing as well as drone technology. All engineering programs give an opportunity to the learners to fully involve in their final year project, pursued in semester VII and VIII. The final year project activity is a culmination of knowledge acquired by students allowing them to demonstrate their skills in capstone project - conception, formulation, and implementation. Internships are a major avenue for skill acquisition, nurture and demonstration. Institute offers extensive hand-holding support to students for internship

pursuit, by conducting internship fairs. The internship fair conducted in May 2024, saw more than 50+ companies in attendance and 255+ on-the-spot offerings to students. For AY 2023-24, a total of 900 students successfully underwent the internship training. In the revised NEP 2020 compliant curriculum, implemented in AY 2023-24, a semester-long exclusive internship has been factored-in. This reflects institute's commitment towards emphasis on learning by experimentation providing students with adequate industry exposure. Similarly, the local SWAYAM / NPTEL chapter has helped the students to pursue speciality technical courses offered by faculty members of national / international repute. During AY 2023-24, total 1655 candidates including faculty members and students, enrolled in various courses. From the enrolled candidates, 113 successfully completed the course, of which 18 were course toppers.

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

With the implementation of NEP 2020, the institute curriculum was revised in the AY 2023 - 24 and a compulsory course - Indian Knowledge System for 2 credits has been incorporated as part of the same. The objective of the course is to help students discover knowledge about basic principles of traditional Indian, thought processes, reasoning and inferencing. It attempts to expose students to various Traditional Indian Knowledge Systems blending with stress on holistic learning involving yoga and wisdom-oriented living in modern society. The course is conducted in tutorial format, wherein students are engaged into group-discussions, presentations, seminars and, dramatic adaptations etc. on topics covering aspects related to Indian scientists and their inventions, art and architecture, classic literature, and Indian religion and philosophy. Although, at present the medium of instruction at the institute is English, the institute is open to explore a demand-based approach for incorporating a bi-lingual or vernacular based approach as the medium of instruction. The institute curriculum DJ19 implemented during the AY 2019-20, much before implementation of NEP compliant curriculum and syllabus, had already introduced mandatory courses of social and moral importance like - Universal Human Values (UHV), and Constitution of India (CoI). Traditionally our country has had a proud historical past of a deep-rooted value system and culturally diverse, but politically enriched environment. The course UHV helps students discover harmony among themselves, their family, society and nature as well as helps recognise every individual as distinct and special as themselves and thus develop right



understanding and competence. The course CoI helps provide basic information about Indian constitution, as well as helps an individual to identify role and ethical responsibilities towards society. CoI also introduces and adds to the students' understanding of human rights and their implications. Even before the implementation of NEP 2020 based curriculum, a focussed and sincere approach was made to give the students an adequate flavour and exposure of traditionally rich art forms of - Music, Dance, Drama Literature, etc. The institute has 14 student chapters, each being of significant national / international repute and it has 31 student clubs. The various student clubs have helped create a vivid palette of courses that provide options for wide ranging areas, which include - Art, Literature, Music, Dance, Drama, Fashion, Community Service and, Entrepreneurship etc. The level playing choice-based system allows students to not just exercise their choice in choosing courses of their choice in a program, but also lets the students decide, purely on the basis of their interest orientation and inclination, about being a part of a club.

#### **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 proper 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 in the college subsequently formulated their vision and mission in alignment with Institute's vision and mission. To measure the progress of students, Program Educational Objectives (PEO), Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) 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, an Outcomes Based Teaching Learning Process (OBTLP) model is followed. To measure the success of the students, Outcomes Based assessment (OBA) Model was adopted. The PEOs were measured through Employer feedback, Alumni survey, Placement records and Higher education

records. With implementation of NEP 2020, the institute's curriculum was revised in the AY 2023 - 24. NEP 2020 primarily focussed upon the pivotal areas and aspects of multi-disciplinarily, and holistic education. Institute's revised curriculum had unique multidisciplinary offerings for the students include Minor and Honors programs (18 credits, earned over 6 semesters, 3rd to 8th); Open electives, mandatory two courses of 3-credits at 3rd and 4th semester, which are to be chosen from a bouquet of 17 comprehensives and non-program specific courses etc as well as existing curriculum had unique multidisciplinary offerings for the students in terms of Honors / Minor program (18 credits, earned over 4 semesters, 5th to 8th); Institute Level Electives, mandatory two courses of 3-credits at 7th and 8th semester, which are to be chosen from a bouquet of 20 comprehensives and non-program specific courses etc. Also the mandatory credit courses, like Universal Human Values, Constitution of India, Indian Knowledge System and Liberal Learning etc., have added to the much-needed blend of ethical, social, health & wellness, and value based education, thus emphasising strongly the less-represented program outcomes. Skill development (including vocational education) is a major focus area of NEP 2020 implementation. Institute's curriculum has numerous skill development courses, that provide learners with an experiential learning opportunity. A unique offering is a credit course - Innovative Product Development (IPD), which is pursued by learners progressively over semesters 3 to 6. Student groups are expected to think, discuss, brainstorm and evolve idea-solutions to real world problems. The idea-solutions, mentored by faculty members, evolve and progress from semester 3 to 6, giving an opportunity for the learner to experience and explore various technical aspects and technologies as well as enabling them to publish their works / findings upon recommendations from their mentors. IPD is hence, a unique credit-based activity offered by the institute, that brings to the fore and emphasises upon the experiential, project based learning outcomes.

#### **20.Distance education/online education:**

Since the year 2020, the institute has adopted Microsoft's MS Teams - an online classroom platform, that facilitates conduct of sessions in the online mode, as well as provides features similar to a learning management software. In the current blended mode of teaching and learning, the institute facilitates conduct of select courses in online mode, as and when needed. Technology enriched teaching has always been the hallmark at DJSCE. The institute takes pride in the fact that since 2018, all the 39

classrooms in the campus have been equipped with 75" intelligent interactive display panels. Each panel essentially is a personal computer with a massive 75" super bright LED display, controlled by a 64-bit Intel processor and running conventional desktop based operating system. The display panel is fully touch-based allowing the teachers to explore all possibilities and functionalities seamlessly. Apart from huge resources and the array of support, the panel supports ethernet as well as wi-fi based connectivity allowing for all internet-based resources to be shared and screened conveniently and instantaneously. The top mount, high-resolution and wide-angle camera, make it very easy and convenient to conduct interactive online video sessions. The institute has established SWAYAM-NPTEL local chapter since July 2016. The vibrant chapter and mentors facilitate students' and faculty members', active participation for courses under this platform. During the AY 2023-24, a total of 1655 candidates including faculty and students, enrolled in various courses. From the enrolled candidates, 113 successfully completed the course, of which 18 were course toppers. In-line with NEP 2020 mandate and vision, institute's revised curriculum has provisioned for at-least two courses (3 credits each) at the final year of B Tech program, to be engaged purely in the online format, wherein students shall have the flexibility to choose from department recommended online courses offered by reputed platforms, like SWAYAM / NPTEL etc.

## Extended Profile

### 1.Programme

1.1	889
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	3860
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	520
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	737
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	199
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	199
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	37
Total number of Classrooms and Seminar halls	
4.2	9396.41
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1297
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

The institution has a well-structured curriculum delivery plan. Each program has a Board of Studies, comprising of the Head of the Department (HOD), faculty members, academic experts, industry experts, alumni and the Head of the Institution. This committee meets twice every academic year and provides suggestions for effective implementation of curriculum.

As an autonomous institution, DJSCE 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, such as commencement of the semester, term test, curricular/co-curricular, sports/cultural activities, improvement week at the end of the semester, commencement of oral/practical/theory examinations, etc. planned to be conducted throughout the semester. Every faculty member prepares a teaching plan, which includes topics and tentative dates to complete the syllabus. They also prepare course files including syllabus, notes, test/university question papers, answer keys, and assignments.

Feedback from previous academic year is analyzed and weaknesses/strengths are discussed on one-to-one basis with HOD. Study materials are uploaded on MS-Team for student's access. Faculty members use various tools to deliver lectures. Subject teacher upgrades lab/tutorial manual based on feedback received from previous batches and advises given by auditors.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="http://www.djsce.ac.in">www.djsce.ac.in</a>

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

Academic calendar, which is available on the college website is exhaustive, comprising of all the activities planned to be

conducted throughout the semester. It includes details, such as dates of commencement of the semester, term test, various curricular/co-curricular, sports/cultural activities, improvement week at the end of semester, commencement of oral/practical examinations, theory examinations and public holidays, etc. /all the course instructors then prepare a teaching plan consisting of theory and practicals, which includes topics and tentative dates to complete those topics. The teaching plan used for practicals includes the list of experiments with dates to be performed during the semester. Internal Assessment (IA) 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 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. All activities are closely monitored and corrective actions, if any, are taken immediately.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="#">NA</a>

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.2 - Academic Flexibility</b>	
<b>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</b>	
<b>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</b>	
<b>13</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>
<b>1.2.2 - Number of Add on /Certificate programs offered during the year</b>	
<b>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</b>	
<b>18</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>
<b>1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year</b>	
<b>1290</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>
<b>1.3 - Curriculum Enrichment</b>	

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

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 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.

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

In order to inculcate human values and professional ethics in 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. Course on "Indian Knowledge System" sensitize the students to the contributions made by ancient Indians in the field of Science, Philosophy and related applications.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

73



File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

1372

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://djsce.ac.in/NAAC/NAAC24/Criteria%201/1.4.1_2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/Criteria%201/1.4.1_2023-24.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>B. Feedback collected, analyzed and action has been taken</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://djsce.ac.in/NAAC/NAAC24/Criteria%201/1.4.2_2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/Criteria%201/1.4.2_2023-24.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**1069**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

**520**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

**Students scoring below 40% marks in tests and quizzes are identified as slow learners. Faculty mentors determine the root causes of their poor academic performance and conduct extra**

lectures to help these students improve. Weak students are encouraged to participate in the events organized by college clubs. 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 and need help.

Students in the department, who have scored above 80% in all tests and who actively participates in co-curricular activities are classified as advanced learners by the course instructor/mentor. 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
Paste link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/2.2.1_Advanced_and_SlowlearnersProofMergedAY2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/2.2.1_Advanced_and_SlowlearnersProofMergedAY2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
3860	199

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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 the institute are aimed at providing experiential & participative

learning and all are encouraged to target various national/international competitions to enhance problem solving among the student groups. This addresses the 'theory-to-application' gap that majority of the institutes face. Student chapters, such as IEEE, IETE, CSI, ACM & S4DS ensure adeptness in the field of software computing & embedded systems, which target the Electronics and Computer applications. ISACA and CODESTARS hones students' coding skills to conquer competitions and secure placements in leading companies. DJINIT.AI, DJS buildspace and DJS GDSC empower students to stay abreast of cutting-edge technology and scientific advancements, fostering a learning environment applicable to real-world solutions. ISME, ISHRAE & SAE are completely focussed on manufacturing technologies, automotive & aero competitions with top accolades won in India & abroad. Focus on the Entrepreneurship & Incubation Centre of the college encourages students to pursue & accelerate the project-to-product mentality by extensively organising meetings, seminars/workshops by venture capitalists. A special emphasis is also placed on the NSS Chapter to act on socio-cultural issues for the overall upliftment of the society and to make students aware of the problems of the under-privileged.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/2.3.1_Student_centric_methods2.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/2.3.1_Student_centric_methods2.pdf</a>

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

ICT (Information and Communication Technology) enablesthe 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 Student Portal, a learning management system. Faculty can upload study materials, term work & term test marks and monitor the student's attendance through this portal. Students can also submit assignments, participate in quizzes, pay the fees and view their results on the portal.

During the COVID19 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
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

199

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

199

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

**71**

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

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

**2.4.3.1 - Total experience of full-time teachers**

**2068**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

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

The internal assessment framework encompasses mandatory tools, including term-test (twice in a semester) and practical sessions (as per laboratory teaching plan), along with optional elements, like assignments, quizzes, presentations and mini-projects. Faculty members craft the test question paper for their courses, adhering to department guidelines. The Program Assessment Committee oversees the quality of question papers, evaluating their alignment with Course Outcomes, utilization of Bloom's Taxonomy and the inclusion of innovative concepts. At both the institute and department levels, an exam committee is formed to oversee the comprehensive execution of internal assessment tests. Responsibilities of exam-team include preparing and displaying the timetable, planning seating arrangements, collecting final question papers and ensuring strict vigilance during examinations to prevent misconduct. Evaluation of assignment and mini-project follows established rubrics. After evaluation of test, papers are distributed to students for review, with adjustments made for any discrepancies. Internal assessment marks and term test answer books are shared with students well before the Semester End Examinations. Continuous Assessment mark-lists, endorsed by faculty and Heads of Departments, are submitted to the exam section prior to the final semester end examinations. The communication of marks occurs through the MS Teams platform, ensuring an efficient and transparent process.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/DJ_EXAM_GUIDELINES_For_Students_Revised_withsign.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/DJ_EXAM_GUIDELINES_For_Students_Revised_withsign.pdf</a>

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

The process for redressal of grievances related to internal assessment marks is facilitated through the online Learner Portal. Upon the declaration of examination results for respective programs, the Examination Office informs all learners about their course-wise marks obtained in the internal assessment. Learners can access this information on the learner portal. If a learner is dissatisfied with the marks awarded in the continuous assessment for any course, they have the opportunity to apply for grievance redressal within three days from the date of marks declaration, including holidays.

The timeline for the key activities under the Grievance Redressal Mechanism is as follows:

- Activity: Application for change in marks
- Time Limit: Within 3 days from the date of marks declaration, including holidays

After the learner submits an application for change in marks, any adjustments or corrections are communicated to the learner applicant. The entire process of redressing the grievances is designed to be completed within a period of 20 working days from the last date of receiving the application for redressal of grievances. This ensures a prompt and efficient resolution of concerns regarding internal assessment marks, maintaining transparency and fairness in the evaluation process.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/DJ_EXAM_GUIDELINES_For_Students_Revised_withsign.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/DJ_EXAM_GUIDELINES For Students Revised withsign.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

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

The institute has a structured framework for outlining Program Outcomes (PO) common to all programs and Course Outcomes (CO) specified for each course across all programs. This framework ensures alignment between the broader goals of the programs and the specific objectives of individual courses. The Course Outcomes are intricately mapped with both the Program Outcomes and Program Specific Outcomes (PSO). The visibility and accessibility of these educational goals are paramount; thus, the Program Outcomes are prominently displayed on the college website, in classrooms, laboratories and even printed on the backside of students' files. To ensure clarity and engagement, the respective course faculty communicate the Course Outcomes to students at the outset of each course, facilitating a transparent understanding of the expected learning outcomes. Additionally, course statements are printed on the rubric sheet of each course, providing a structured framework for evaluating and measuring student performance against defined objectives.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.djsce.ac.in/docs/Academics/Course_Outcomes.pdf">https://www.djsce.ac.in/docs/Academics/Course_Outcomes.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

### 2.6.2 - Attainment of Programme outcomes and course outcomes are 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.

The Course Outcomes (CO) of each course are mapped to Program Outcomes (PO) and Program Specific Outcomes (PSO) at three levels, based on the hourly weightage assigned to COs during class sessions, laboratory sessions, and tutorial sessions. A mapping value of 3 indicates the highest mapping strength. The attainment levels are established for each course, considering end-semester performance and internal assessments from the past three years. When targets are met, the target levels are redefined for the next academic year.

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	<a href="#">View File</a>
Paste link for Additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/2.6.2_Attainment_of_PO_and_CO_Merged_proof.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/2.6.2_Attainment_of_PO_and_CO_Merged_proof.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

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

737

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/2.6.3_Annual_report.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/2.6.3_Annual_report.pdf</a>

**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/NAAC24/NS/SSS\\_2024-25.pdf](https://djsce.ac.in/NAAC/NAAC24/NS/SSS_2024-25.pdf)

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

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

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

33.756

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

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

**3.1.2.1 - Number of teachers recognized as research guides**

15

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

3

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://www.tihiitb.org/programs/hr-skill-development/chanakya-fellowship-program-2024/">https://www.tihiitb.org/programs/hr-skill-development/chanakya-fellowship-program-2024/</a>

**3.2 - Innovation Ecosystem**

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

The Institute has fostered an environment for nurturing innovation and transfer of knowledge by establishing the IPR and Entrepreneurship Cell as well as multiple Ph.D. centres. The R&D ecosystem boasts of 3 research centres, 15 research guides, 71 faculty members with PhD and 27 are currently pursuing Ph.D. There are ongoing University of Mumbai approved Ph.D. Programmes in Computer Engineering, Electronics and Telecommunication Engineering and Mechanical Engineering since 2014. Students and faculty members have published 19 books chapters, 106 journal papers and 72 conference papers and have received research funding amounting to 33.756 lakh for projects sponsored by government and non-government organizations during the academic year 2023-24.

Entrepreneurship Cell was established in 2012 with the aim to identify and nurture entrepreneurial spirit of students and provide them with opportunities for excellence. Total of 38 activities like, Entrepreneurship Summit, Business growth plan competitions, guest lectures, start-up meets, webinars and business quizzes were organised.

Intellectual Property Rights (IPR) cell was established in 2014 with an objective to create awareness about patenting, copyright and safeguarding ideas from infringement. To conform with the objective, four workshops were organized. 03 patents were granted, 10 Designs and 6 copyrights were registered.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.djsce.ac.in/nisp">https://www.djsce.ac.in/nisp</a>

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

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

42

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	<a href="https://www.djsce.ac.in/research-policy">https://www.djsce.ac.in/research-policy</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

106

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

93

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

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 following activities were conducted by the NSS during the Academic Year 2023-2024 under various heads.

1. Health and Sanitation:

- Mental Health Seminar.

2. Environment:

- "Meri Mitti Mera Desh" Tree Plantation drive at Borivali.
- Mega Deep cleaning at Bandra Station
- Beach Clean-up at Versova beach
- Beach Clean-up at Mahim beach
- Clean Up Drive: Swach Bharat Abhiyan at Vidyanagari campus, Santacruz.

3. Cultural:

- Bhajan Sandhya held at Gateway of India.
- Independence Day Celebration

4. Education:

- Laxmanrao Inamdar Memorial lecture at Fort campus, Mumbai University
- Sensory Board making event at Priyanj Special School

5. Awareness:

- Voter I'd Registration
- Newspaper Collection
- "Grain-a-thon": Food Grain Collection Drive
- Book Collection Drive 2023
- "Meri Maati, Mera Desh" -Celebrating Nation's journey of freedom and progress.

6. Donation:

- Annual Charity Drive
- Blood Donation Drive 2024

File Description	Documents
Paste link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/DJS_NSS_Events_2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/DJS_NSS_Events_2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

**59**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

**17**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

1427

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

663

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**

**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

63



File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institution has state-of-the-art infrastructure with ICT-enabled and well-equipped 37 air-conditioned classrooms with smartboard as well as well-equipped 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 and symposiums etc. Institute has spacious and dedicated laboratories for all the 10 UG (2023-24) and 3 PG programmes as well as 3 Ph.D. programs. 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, Microwind and Xylinx etc. are installed in laboratories as per the requirement of various courses. Adequate lighting system is installed in the labs to keep them well-illuminated. 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 1297 Desktop Computers & 17 Laptops in good working condition, all connected with high-speed internet facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">NA</a>

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

Institution has all the facilities useful for the overall development of its students and takes adequate care to encourage the students to grow up to their full physical and mental ability and their overall future betterment. Student life is the best time for the grooming and the institution 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 and table tennis etc. are available for the students. Students practice football, volley ball and Cricket on hired grounds surrounding the college. There are inter-college as well as intra-college competitions held every year by the college. There is also a playground as a common facility provided by the parent trust, SVKM.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">NA</a>

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

37

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">NA</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

1155.73

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

4.2.1 - 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

23.05.02

2017

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

The library automation was initiated in the year 2000 with the installation of the in-house Library management software. Later on, the LIBSYS Integrated Library Management System was put into place in the year 2010. Presently, the KOHA Integrated Library Management System with 23.05.02 version is being used in the library. The fully computerized Library is a treasure house of knowledge comprising an ever-growing collection of about 31,270 books, more than 39,700 e-books, and 42,000 e-journals. The web-based access to all the subscribed e-resources is an important facility provided by the library. Users can also access the online public access catalog (OPAC) to find out the real-time availability of all library materials from the comforts at their homes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://koha.djsce.ac.in/">http://koha.djsce.ac.in/</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**23.44**

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

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

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

478

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

Institution has an IT policy covering high-speed Wi-Fi, Cyber security measures etc. and has allocated a budget for updating its IT facilities in the premises regularly. Institution provides the latest IT Facilities to its Employees and Students to ensure efficient and effective conduction of all academic and other related activities. DJSCE also provides well-equipped labs with all relevant software and hardware requirements for the students from their curriculum and other academics point of view. Any student or faculty member can access online databases from anywhere within or out of the campus. The institute has a total of 1297 desktops, 17 Laptops, 28 printers, 45 switches, 40 Access points and 1 dedicated server available in campus. The institute also has 63 smart boards with Wi-Fi and 26 LCD projectors to ensure modern and efficient classroom teaching. All the above-mentioned components and peripherals are connected to a high-speed network with Wi-Fi and LAN network, having bandwidth availability of more than 2GBPS and are maintained & updated on 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 several cameras.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">NA</a>

#### 4.3.2 - Number of Computers

1297

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

9396.41

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

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

2. Proper purchase procedure for laboratory equipments is followed by the parent body (SVKM) as per the requirement of the respective department.

3. Proper repair and maintenance procedure at institute level is in place.

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

5. Library provides open access from 8.00 am to 6.30 pm. with a capacity of 180 students to sit and study inside the library. 26 desktop computers are there for digital library usage. Each student can borrow 3 text books for 7 days and faculty members can borrow 20 books for 6 months.

6. Purchase of books is carried out every quarter. The online resources and journals are subscribed on yearly basis.

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

8. Individual PCs are provided to each faculty member as well as staff members for academic and official work.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sites.google.com/view/djsce-library/home">https://sites.google.com/view/djsce-library/home</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

821

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

35



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

<b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
Link to Institutional website	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/5.1.3_Merged.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/5.1.3_Merged.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>
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**4122**

<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>
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**4122**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<b>5.1.5 - The Institution has a transparent</b>	<b>A. All of the above</b>
--	----------------------------

**mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

**337**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

**179**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

**339**

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

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

**38**

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

D J Sanghvi believes in creating a holistic environment for its students. Extra-curricular and co-curricular activities are organised throughout the year. The Student Council is responsible for organising Cultural, Technical, Sports, and Literary events under 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, SIGAI, DJSISACA, DJSCOMPUTE etc. These bodies conduct several technical events, such as paper presentations, seminars, guest lectures, project competitions, and industrial visits to keep up with the goal of holistic education. Every department has an advisory board that consists of industry experts, faculty members, alumni, and student representatives. Every class has a representative to address academic grievances if any. A maintenance committee is in place 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 and to enhance the long-term brand value of the institute through various collaborative means.

File Description	Documents
Paste link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/5.3.2_Merged.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/5.3.2_Merged.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

32

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

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

DJSCE alumni have made the institution proud at a global level contributing significantly to the field of technology and the cause of industry and education. DJSCE Alumni Association was established in the year 2007 and is registered as a society under Maharashtra authorities. 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 4338 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 meetings every year to strengthen the relations between alumni and the institute. The alumni meetings of all the departments were conducted in the first quarter of 2024. During the meeting, alumni discussed career opportunities, and changing trends in industry and start-ups and shared their experiences in the outside world that they encountered after leaving college. Students have benefited from the Alumni meet as it serves as a resource for mentorship and

guidance.

File Description	Documents
Paste link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/5.4.1_AlumniRegistration_BOS.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/5.4.1_AlumniRegistration_BOS.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**      A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

**Fostering Sustainable Engineering Excellence** established with a vision to become a world-class institution for education, training and research in engineering, DJSCE has diligently pursued its mission to nurture professionalism, entrepreneurship, technical competence and sustainable engineering solutions for the betterment of society.

**Vision** - "To be a world class institution for education, training and research in engineering by inculcating values and skills for sustainable development of the society."

- **World-Class Institution:** DJSCE, in its 29-year journey, has made a global impact, attracting renowned companies and celebrating alumni success at international platforms, like New York's Times Square.
- **Education and Research:** With 08 undergraduate programs, 3 postgraduate programs, and 3 Ph.D. programs, the college emphasizes upon interactive learning, research aptitude, and environmental awareness among aspiring engineers.

**Mission** - "To provide competent faculty and an interactive learning environment along with world-class infrastructure for nurturing professionalism & entrepreneurship in Engineers."

**Competent Faculty and Interactive Environment:** DJSCE boasts of distinguished faculty, state-of-the-art facilities and a nurturing academic environment that encourages professionalism, innovation and entrepreneurship among students.

**Technical Competence and Environmental Awareness:** The Institutes focuses on technical competence, research acumen and environmental awareness and aligns with its commitment to sustainable engineering solutions, preparing students for societal challenges.

File Description	Documents
Paste link for additional information	<a href="https://www.djsce.ac.in/vision-mission">https://www.djsce.ac.in/vision-mission</a>
Upload any additional information	<a href="#">View File</a>

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

**Decentralization and Participative Management: Pillars of Effective Governance at DJSCE**

DJSCE stands as a testament to effective leadership, manifested through decentralized structures and participative management practices. The institution's governance framework is underpinned by an extensive network of statutory and non-statutory committees, each playing a crucial role in decision-making and ensuring operational excellence.

**Decentralization:** DJSCE's governance structure is characterized by decentralization, epitomized by a plethora of committees, each with a specific focus area. The Governing Body, Academic Council, Finance Committee and Board of Studies constitute the statutory committees, entrusted with critical strategic decisions and policy formulations. These committees decentralize decision making, enabling a diverse range of perspectives to shape the institution's trajectory.

**Participative Management:**

The institution's commitment to participative management is evident through an array of non-statutory committees, each fostering inclusivity and collaborative decision-making.

Committees, such as the Planning and Evaluation Committee,

Grievance Committee, Student Welfare Committee and Placement Committee actively engage stakeholders, including students, faculty and administrative staff in the decision-making processes.

**Inclusive Governance:**

The extensive committee structure at DJSCE covers a wide spectrum of functions, from academic planning and evaluation to student welfare, cultural & sports activities, anti-ragging initiatives and emergency response.

File Description	Documents
Paste link for additional information	<a href="https://www.djsce.ac.in/organization-governance">https://www.djsce.ac.in/organization-governance</a>
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

**Strategic Development and Implementation at Dwarkadas J. Sanghvi College of Engineering**

The journey towards excellence is meticulously guided by a well-defined and thoughtfully executed institutional strategic/perspective plan/Institutional Development Plan (IDP). This comprehensive plan serves as the cornerstone, directing the institution's growth, development and achievement of its envisioned goals.

**Strategic Plan:** A clear articulation depicting DJSCE's institutional strategic plan (IDP) is not just a document; it's a blueprint that vividly articulates the institution's vision, mission, values and strategic priorities. It intricately outlines short-term and long-term objectives aligned with the institution's ethos, keeping sustainability, innovation and academic excellence at its core.

**Implementation: Turning Vision into Reality** What sets DJSCE apart is its unwavering commitment to translating this strategic plan (IDP) into actionable initiatives. The institution has demonstrated an exceptional ability to execute this plan, ensuring that it permeates every facet of its operations. Each goal, objective and strategy outlined in the plan is diligently pursued



and monitored for progress and impact.

**Alignment and Deployment** The successful deployment of this strategic plan is evident in the institution's day-to-day functioning. Every decision, academic program, faculty hiring, infrastructure development and student engagement activity resonates with the overarching objectives outlined in the plan.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Academic_Calendar-BTech_AY2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Academic_Calendar-BTech_AY2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**Efficiency and Efficacy in Administrative Setup:**

Since its inception in 1934, Shri Vile Parle Kelavani Mandal (SVKM) has evolved into a formidable educational entity, reflecting an unwavering commitment to quality education and administrative excellence. The institution's administrative prowess is evident through its adherence to regulatory frameworks and the implementation of policies fostering a conducive environment for academic growth and professionalism.

**Legal Compliance and Adherence to Statutory Norms**

SVKM operates within the ambit of the Maharashtra Public Universities Act, 2016 and Maharashtra Civil Services Rules 1981, ensuring strict compliance with legal and administrative guidelines. The institution's alignment with the revised Maharashtra Public Universities Act 2016 signifies its adaptability to evolving regulatory frameworks, ensuring relevance and legality in all administrative proceedings.

**Appointment Procedures and Governance Standards.**

The meticulous appointment procedures and adherence to service rules underscore the institution's commitment to transparency and fairness. Candidates appointed undergo a rigorous process, signing

a joining letter that signifies their acceptance and compliance with the institute's rules and regulations. The regular update of Service Books and maintenance of soft copy records in Oracle, available for scrutiny during committee visits, signifies a commitment to maintaining accurate records and adhering to governance standards.

File Description	Documents
Paste link for additional information	<a href="https://www.djsce.ac.in/organization-governance">https://www.djsce.ac.in/organization-governance</a>
Link to Organogram of the institution webpage	<a href="https://www.djsce.ac.in/organization-governance">https://www.djsce.ac.in/organization-governance</a>
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

**Empowering Faculty: Welfare Measures at Dwarkadas J. Sanghvi College of Engineering**

Dwarkadas J. Sanghvi College of Engineering (DJSCE) stands as a paragon of not only academic excellence, but also as an institution deeply invested in the welfare and empowerment of its faculty members and staff. The institution's commitment to their

well-being is reflected in a comprehensive set of welfare measures and benefits aimed at providing financial security, career progression and support during critical times.

**Monetary Relief and Retirement Benefits:**

A unique scheme was introduced to honour employees with over a decade of service upon superannuation, granting them a monthly pension. Faculty members receive Rs. 10,000/- per month, while Class I, II, and III employees receive Rs. 5,000/-, and Class IV employees receive Rs. 2,500/-. Moreover, in case of an ex-employee's demise within the specified period, half of the benefit is extended to his/her spouse, emphasizing on a compassionate approach to employee welfare.

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

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

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

17

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

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

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

**285**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**Performance Appraisal at DJSCE: Nurturing Excellence**

**Dwarkadas J. Sanghvi College of Engineering (DJSCE) champions a Performance Appraisal System that evaluates and enhances the**

capabilities of its teaching and non-teaching staff. This structured framework ensures fairness, transparency, and alignment with institutional goals.

**Evaluation Criteria:**

For teaching staff, the appraisal covers teaching methodologies, curriculum compliance, research contributions, MOOC courses and engagement in innovative teaching practices. Non-teaching staff are assessed on administrative efficiency, resource management, and support to academic functions.

**Alignment with Objectives:**

The appraisal system aligns individual performance with institutional objectives, ensuring that assessments contribute to the institution's mission and values.

**Professional Development and Recognition:**

Encouraging continuous growth, the system identifies areas for improvement and recognizes exceptional performance. Opportunities for skill enhancement and career progression are offered based on appraisal outcomes.

**Cultivating Excellence:**

DJSCE's Performance Appraisal System fosters a culture of continual improvement, shaping a workforce dedicated to maintaining high educational standards and institutional success.

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

**6.4 - Financial Management and Resource Mobilization**

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

**Financial Prudence and Audit Excellence: Cornerstones of Dwarkadas J. Sanghvi College of Engineering's Financial Management**

At DJSCE, a culture of meticulous financial scrutiny and prudent resource mobilization stands as a testament to the institution's commitment to fiscal responsibility and transparency. Upholding the highest standards, the institution conducts regular internal and statutory audits, complying with stipulated provisions to ensure sound financial health.

**Comprehensive Audits: Rigorous Financial Scrutiny**

The institution adheres to the stipulated provisions of the Income Tax Act, conducting both internal and statutory audits on a regular basis. These audits encompass an extensive array of financial facets, including bookkeeping, capital expenditure, statutory compliance and accounting processes, ensuring a holistic evaluation of financial operations. Notably, the auditors meticulously scrutinize fee collections, salary disbursements, statutory compliances, asset purchases and expense calculations to ensure accuracy and compliance.

**Systematic Approach and Effectiveness Enhancement**

The audit processes at DJSCE contribute significantly to a systematic evaluation and augmentation of financial processes. Each financial year undergoes a thorough check and verification of transactions, thereby reinforcing the institution's commitment to precision and reliability in financial matters. The audits review and endorse information, ensuring compliance with established policies and procedures.

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

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

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

56.5

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

##### **Institutional Strategies: Efficient Fund Mobilization and Resource Allocation at DJSCE**

Dwarkadas J. Sanghvi College of Engineering (DJSCE) operates under the auspices of SVKM, its Parent Trust, a non-profit Educational and Charitable Trust. Upholding a commitment to judicious resource management, the institution employs strategic planning, budgeting processes and careful allocation of funds to optimize its resources.

##### **Annual Planning and Budgeting:**

At the core of the institution's resource management strategy lies an elaborate Annual Planning and Budgeting process. This rigorous process ensures meticulous oversight of financial allocations, closely monitoring compliance and financial data submitted by various departments. The institution prioritizes transparency and accountability, closely aligning budgets with strategic goals.

##### **Financial Self-Sufficiency and Fund Sources:**

As a self-financed institute, DJSCE primarily relies on the collection of prescribed fees from enrolled students. These funds form the institution's primary revenue stream, with allocations made for crucial areas, such as faculty salaries, remuneration for visiting faculty and essential services like electricity, water, property taxes and insurance.

##### **Strategic Fund Allocation:**

Resource allocation is meticulously planned, directing funds towards critical areas. Enhancing library facilities through subscriptions to books and online journals is a priority, ensuring students and faculty members have access to the latest educational

resources .

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

**Faculty Training:** IQAC, DJSCE organized a one-week orientation program for newly joined faculty members in the various departments. The program aims to facilitate new faculty members adjustment to the college as well as equip them with essential information concerning key places, processes and people. It will also attune them to the college's vision, mission, and its relation to departmental goals and build enthusiasm for, and identification with the institution. Training helped establish the institutional expectations of faculty and related faculty roles and apprise the new faculty members of specific success strategies for meeting these expectations and performing these roles.

**Industry Interaction and Collaboration:** To enhance the skill development, the institution has entered into a MoU with Eduskills Foundations on 16th March 2024, with the purpose of expanding digital skills into higher education system through offering various world class technical programs in Networking, Cybersecurity, Cloud computing, automation, RPA and other industry 4.0 skills to our students.

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

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

**Course Planning and Documentation:** Each faculty member meticulously prepares the teaching plans at the start of every



semester for the courses they are responsible for. This ensures a structured and organized approach to the course delivery. Another essential part of the academic quality assurance is the Course File (CF). It was mandated by the university of Mumbai to provide the information needed to ascertain the quality of courses. The course coordinator is responsible for filling out the CF. The schedule, course handouts, syllabus, attendance records broken down monthly basis, past years' exam questions, curriculum gaps, sample questions and assignment questions are the primary contents of the CF.

**Curriculum Development:** The institute maintains a proactive approach to curriculum development. Each academic program has a Board of Studies, featuring external academic and industry experts, faculty members, alumni and the Head of the department (HOD). The Functions include elaborate brainstorming initially and framing the contents of various courses, updating the content from time to time and introducing new courses of study etc. This collective effort also results in a comprehensive academic calendar, impact analysis and result analysis to continually refine and adapt the curriculum to meet current educational standards and industry expectations.

File Description	Documents
Paste link for additional information	<a href="#">NA</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/6.5.3_I_QAC_2023-24.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/6.5.3_I_QAC_2023-24.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

Various activities towards promoting gender equity include following:

Internal Complaint Committee and Sexual Harassment Committee have been constituted to empower and equip female students to raise their issues within the institute, if any.

1. Women's Day: Women's day was celebrated on 9th March, 2024 to celebrate the glory of womanhood.
2. Code Like Her: DJS-Compute organized competitive coding contest, "Code Like Her" aimed at encouraging female students to showcase their coding prowess.
3. Google Girl's Hackathon: Female students participated in Google Girl Hackathon to explore their programming skills. Manasvi Deshmukh was a semi-finalist.
4. DJS Karting: Vrusti Gala from DJS Karting won the best female participant award in GO KART desing challenge. Moreover, several female students have successfully completed their internships to familiarize themselves with the industry standards.
5. Excellence in Sports: Priya Sabhajeet Gupta secured 1st place in 100m Hurdles in the "Mumbai State Junior Athletics Championship 2023", "34th West Zone Junior Athletic Championship 2023" and "Inter-zonal athletic championships" held by Mumbai University.

The institute also has appointed a full-time female counsellor to

address the day-to-day issues of students. Additionally, institute also has a well-furnished girl's common room. A sanitary pad vending machine is also installed to ensure feminine hygiene.

File Description	Documents
Annual gender sensitization action plan	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Final_p_art1.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Final_p_art1.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Final_p_art2.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Final_p_art2.pdf</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</b>	<b>D. Any 1 of the above</b>
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

DJSCE actively implements a comprehensive waste disposal system and raises awareness among students and staff through various practices as follows:

**Solid waste - A covered dustbin having separate compartments for wet and dry waste has been placed in each staffroom, classroom, and lab. Examination section of DJSCE also ensures periodical shredding of papers for recycling purpose. Additionally, DJSCE NSS students participate in an annual beach cleanup drive and newspaper collection drives.**

**Liquid waste- Wastewater generated by washrooms, regular cleaning & mopping and canteen is efficiently managed.**

**E-Waste - E-waste is regularly sent to local vendors for recycling. The DJSCE NSS unit consistently raises awareness about e-waste management through seminars and verbal campaigns.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute has received recognition as a Gujarati linguistic minority institution since 2007. The institute consistently undertakes initiatives to foster an inclusive environment for diverse groups, including socio-economic, OBC, and J&K communities by taking few initiatives, as follows:

1. Provision of Scholarships: DJSCE provides scholarships/Freeship/concessions to economically backward students based on merit.
2. Annual Charity Drive and Grain-a-thon: DJS NSS organized annual charity drive to contribute towards a noble cause. The drive yielded a commendable sum, exceeding Rs 75,000 by selling the items crafted by specially-abled children of the society. DJS NSS also organized an empathetic food grains drive, Grain-a-thon during November 2023 with a vision of "Har Ghar Diwali". This event witnessed remarkable collection of more than 1000 kg of wheat and rice which was donated to underprivileged section of the community.
3. Mental Health Seminar: DJS NSS hosted a highly informative and engaging mental health seminar aiming to shed light on various aspects of mental health ranging from psychiatric care to the intersection of mental well-being and physical health.
4. Sensory board making: DJS NSS participated in a sensory board making event organized by ConnectFor for creating sensory boards to aid people with disabilities supporting their physical and cognitive development.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

DJSCE has always been passionate to sensitize its students towards their duties as a responsible citizen by organizing various activities as follows:

1. Newspaper and Book Collection Drive: A newspaper and book collection drive was organized by DJS NSS with an aim to manifest environmental consciousness.
2. Meri Maati Mera Desh: DJS NSS envisioned a unified celebration of India's soil commemorating the nation's journey of freedom and progress.
3. Beach Clean-up: DJS NSS organized a Beach Clean-up drive on Versova beach and Mahim Beach on 19th August 2023 and 17th September 2023 respectively.
4. Mega Deep Cleaning: DJS NSS initiated a leading role in organizing a mega deep cleaning programme to instill a sense of civic responsibility and elevate public awareness.
5. Swach Bharat Abhiyan: DJS NSS orchestrated a transformative clean-up drive at Physical Education Sports Complex, Santacruz to foster community engagement among students.
6. Voter's Id Registration Drive: DJS NSS organized a 'Voter's ID Registration Drive so as to encourage students to participate in elections.
7. Blood Donation Drive was organized in collaboration with the Mahatma Gandhi Memorial Blood Bank. Mr. Nilay Shah, student of the institute has also demonstrated exemplary behavior by donating his blood stem cells to save life of a cancer patient.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Merged_7.1.9.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Merged_7.1.9.pdf</a>
Any other relevant information	<a href="#">NA</a>

<p><b>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Bhajan Sandhya Celebration- DJSNSS had the honor of participating in the Bhajan Sandhya event, which was organized by the University of Mumbai at the iconic Gateway of India on October 2nd. This special gathering was held to commemorate the enduring legacy of Mahatma Gandhi. The event served as a reminder of the profound impact of his teachings on our society and the world

Independence Day Celebration - The NSS unit of the institute proudly organized a vibrant and heartfelt celebration on this momentous occasion. The event was meticulously planned to reflect the deep-rooted patriotism and respect for our nation's rich history. The event was not only a tribute to our past but also an inspiration for a brighter future, instilling a renewed sense of national pride among all participants.

Women's Day Celebration -The institute enthusiastically organized a grand celebration of International Women's Day on March 9, 2024. This special event was dedicated to honoring and recognizing the invaluable contributions of women in various spheres of life. The celebration served as a powerful reminder of the ongoing journey towards a more inclusive and equitable society.

Teachers' Day Celebration- The institute celebrated Teachers' Day with great pomp and enthusiasm, bringing together faculty members from all departments for a day of appreciation and festivity



File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### Best Practice I

**Title of the Practice:**

Continued engagement of faculty members on regular basis towards skill-set enrichment through Faculty Development Programs / Online Certification Courses.

**Goal**

To enhance the technical expertise of the faculty members and to equip them with cutting edge technologies in this technologically revolutionizing world, so as to pave the way for a world class Higher Educational Institute through:

- Regular faculty skillset enrichment through various programs, like pertinent FDPs, relevant webinars and expert sessions in conventional and emerging areas.
- Consistent Research & Development initiatives
- Motivating Faculty members to create quality e-content
- Enhanced E-library facility

### Best Practice II

**Title of the Practice:**

Providing a comprehensive, multi-disciplinary & holistic education in engineering to equip the students with a diverse skill set for successful and accomplished professional careers.

**Goal**

- Enhancement of graduate employability skills through project based learning, focusing on research and innovation.
- Establish an ecosystem that enhances students' participation in various national and international competitive forums, that demonstrate the acquired skill sets.
- Implementation of Personal Development Plan (PDP) through soft skills training to accentuate multidisciplinary and holistic learning, as articulated in NEP-2020.
- Fostering an environment to inculcate ethical and community welfare values to create global citizens.

File Description	Documents
Best practices in the Institutional website	<a href="https://djsce.ac.in/NAAC/NAAC24/NS/Final_Complete_Bestpractice_Document.pdf">https://djsce.ac.in/NAAC/NAAC24/NS/Final_Complete_Bestpractice_Document.pdf</a>
Any other relevant information	<a href="#">NA</a>

### 7.3 - Institutional Distinctiveness

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

DJSCE lays a strong emphasis on holistic and multidisciplinary education as a crucial differentiator in today's rapidly evolving world. The curriculum is designed to promote experiential and collaborative learning through various courses, like Innovative Product Development (IPD). DJS-STRIKE initiative of the institute further enriches the IPD experience by encouraging peer-collaboration leading to outstanding performances in national and international competitions.

DJSCE has also introduced Honors and Minors programs to provide students with exposure to cutting-edge technologies. The institute not only emphasizes on technical competence, but also believes in sensitizing students regarding their social and ethical responsibilities through various courses like liberal learning, universal human value (UHV), Community engagement service (CES), Indian Knowledge Tradition (IKT) and Constitution of India (CoI).

The institute organizes a wide range of activities through various student chapters and clubs, fostering a professional environment supporting students' excellence. These initiatives contribute to students achieving success at national and international platforms. Dedication of DJSCE towards a comprehensive education

is reflected by its support for traditional art forms and diverse student clubs, encompassing areas such as arts, literature, music, dance, and drama etc.

To maximize campus placement, DJSCE associates with various prestigious organizations to offer internships and job-oriented training in emerging technologies. The institute consistently ranks among the top 100 institutions nationwide, advocating its dedication to sustained excellence.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### Plan for the AY 2024-25:

1. Conduction of ATAL -FDP programmes with IQAC Co-ordination.
2. Conduction of FDP/STTP per department in coordination with IQAC.
3. Encouraging faculty members to attend skill development workshops / VAP Courses/ NPTEL.
4. Encouraging MOU- Eduskill utilization virtual internships done by students.
5. Motivating faculty members to conduct workshop/seminar for IPR/ Research Innovation
6. Encouraging participation in
  - o Avishkar
  - o Coding Competition
  - o Funding from various agencies (Government and Non - Government)
7. Skill Development for Non-Teaching Staff
  - o Motivational
  - o Soft skills
  - o Technical training Programme .
  - o Team Building/ Yoga.
  - o Effective resource utilization and mobilization in laboratories for Lab attendants
8. Orientation for First year Students.
9. Planning of Social activities, like cleaning drive, awareness campaign for social welfare.
10. Planning Tech-Fest /Competition by all departments.
11. Orientation for new faculty Members.

12. Preplacement Soft skill training.
13. Awareness regarding higher studies in India and Abroad.
14. Enhancing Alumni Interaction.
15. Encouraging consultancy.
16. International Conference once in 2 years
17. Conduction of HR meeting once in a semester under placement cell.
18. Implementing and Review of NEP syllabus revision
19. Conduction of a) VAP / NPTEL b) 3-days Tech workshop on Google/ AI ML/ MATLAB.
20. Encouraging Faculty to register / pursue for Ph.D.
21. Orientation for Elective / Honours.
22. Encouraging students/faculty for skill development through industrial training.
23. Enhancing academia/industry collaboration, promoting entrepreneurship / incubation / start- up.
24. Conduction of parent teacher meeting once in a semester.