IQAC EXTERNAL PEER

TEAM REVIEW REPORT

Shri Vile Parle Kelavani Mandal's

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA: 3.18)

IQAC-EXTERNAL PEER TEAM REPORT

ON THE

PERFORMANCE OF THE COLLEGE

FOR THE ACADEMIC YEAR 2022-23

A meeting to review the performance of the Internal Quality Assurance Cell (IQAC) of Dwarkadas J. Sanghvi college of Engineering was held on 14th December 2023 (Thursday), in the college premises. The external peer team comprised of the following 3 academicians with wide expertise in academic administration.
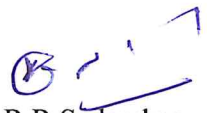
External Peer Team Members:

1.	Dr. Mohan Murudi	Principal, Sardar Patel College of Engineering, Andheri (West), Mumbai
2.	Dr. R R Sedamkar	Vice-Principal, Director-IQAC, Thakur College of Engineering & Technology, Kandivali, Mumbai
3.	Dr. Varsha Bhosale	Vice Principal, Vidyalankar Institute of Technology, Wadala, Mumbai

The Chairman of the IQAC, Dr. K.N. Vijaya Kumar along with the Principal, Dr. Hari Vasudevan and IQAC team welcomed the external members for the meeting. The committee members, after the brief initial introduction, verified the documents and evaluated the key parameters with respect to the overall performance of the college for the year. During this day-long review process, committee also took a round of the college premises accompanied by following internal members in order to perform the evaluation. They also guided the faculty members for further improvements and achievements.

IQAC Committee Members included:

- Dr. Hari Vasudevan, Chairman
- Dr. K. N. Vijaya Kumar, IQAC Director & Head, Mech Engg.
- Dr. Amit Deshmukh
- Dr. P. S. Joshi
- Dr. R. S. Khavekar
- Dr. Meera Narvekar
- Dr. Vinaya Sawant
- Dr. Atul Dhale
- Dr. Ramchandra Mangrulkar
- Dr. Nilesh Marathe
- Dr. Mrunal Rane

Dr. Mohan Murudi	Dr. R R Sedamkar	Dr. Varsha Bhosale
Principal, SPCE	Vice Principal, TCET	Vice Principal, VIT
	Director, IQAC	

- Dr. Aruna Gawde
- Dr. Monika Mangla
- Dr. Kranti Ghag
- Dr. Poonam Kadam
- Mr. Mehul Mehta
- Mr. Dhruv Sampat

Introduction and Background of the Institution

Shri Vile Parle Kelavani Mandal's (SVKM) Dwarkadas J. Sanghvi College of Engineering (DJSCE), was established more than 2 decades ago, i.e., in the year 1994. It is observed that the institution has grown in leaps and bounds during this period and has made significant impact for the overall benefit of the society. DJSCE was granted autonomy by the University Grants Commission (UGC) for a period of 10 years for the period of A.Y. 2019-20 to 2028-29. The institute has also received accreditation from National Assessment and Accreditation Council (NAAC) with a CGPA of 3.18 out of 4, i.e., with an "A" Grade for a period of 5 years with effect from 18th of October 2019. All of the 8 eligible undergraduate programs were accredited earlier by NBA in 3 cycles, starting from the year 2013. Few of the undergraduate programs are currently accredited by the National Board of Accreditation (NBA).

The institute currently runs 12 undergraduate programmes, 3 post graduate programmes and 3 Ph.D. programs for the A.Y. 2022-23. All these programs are permanently affiliated to the University of Mumbai.

The institute has state-of-the-art infrastructure with Wi-Fi enabled campus and smart board equipped class-rooms. Institute has well-qualified and experienced faculty members, committed towards best teaching-learning practices. It is seen that the students of the institute have always performed exceedingly well across the globe both during their higher studies as well as in various career roles in globally competent multinational companies. DJSCE is currently rated 8th best amongst the top 10 Private Engineering Colleges of India by India Today and amongst the top 100 Engineering Colleges in the country by other ranking institutions & agencies.

Dr. Mohan Murudi
Principal, SPCE

Dr. R R Sedamkar
Vice Principal, TCET
Director, IQAC

Dr. Varsha Bhosale
Vice Principal, VIT

The Internal Quality Assurance Cell (IQAC) of Dwarkadas J. Sanghvi College of Engineering established in the year 2015, has always been making sustained efforts to maintain quality education in the institution. For the same, IQAC regularly conducts various extension activities to improve the academics and administrative performance of the college. It is observed that, overall, IQAC team has been taking up lots of initiatives to improve the potential of outcome based education in the institute.

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Dr. R R Sedamkar
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Director, IQAC

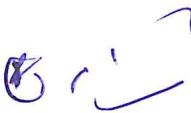Dr. Varsha Bhosale
Vice Principal, VIT
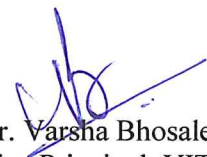
Profile of the Institution

- **Name of the College** : Dwarkadas J. Sanghvi College of Engineering, No. U-15, J.V.P.D. Scheme, Bhaktivedanta Swami Rd, Opp. Cooper Hospital, Vile Parle, Mumbai, Maharashtra 400056

- **Name of the Principal** : Dr. Hari Vasudevan

- **Telephone/Fax /Email** : Phone No: 022 42335000
  Mobile No: 9821464696

- **Email** : principal@djsce.ac.in, info@djsce.ac.in

- **Year of Establishment** : 1994

- **Whether private or government or University maintained** : Private and Self Financing

- **Autonomous Status** : UGC has conferred the Autonomous Status in the year 2019 for a period of 10 years from the A.Y. 2019-2020 to A.Y. 2028-2029.

- **Name of the Affiliating University** : University of Mumbai, Fort, Mumbai.

UG and PG Programmes run by the college during the A.Y. 2022-23:

Programme Name	Programme Code	Sanctioned Intake
B.Tech. Computer Engineering	COMP	180
B.Tech. Electronics & Tele communication Engineering	EXTC	180
B.Tech. Information Technology	IT	180
B.Tech. Mechanical Engineering	MECH	180
B.Tech. Computer Science and Engineering (Data Science)	CSE(DS)	120
B.Tech. Artificial Intelligence and Machine Learning	AI_ML	60
B.Tech. Artificial Intelligence (AI) and Data Science	AI_DS	60
B.Tech. Computer Science and Engineering (IOT and Cyber Security with Block Chain Technology)	CSE(ICB)	60
M.Tech. Electronics & Tele communication Engineering	M_EXTC	09
M.Tech. Computer Engineering	M_COMP	18
M.Tech. Mechanical Engineering	M_MECH	18

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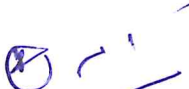Director, IQAC

Dr. Varsha Bhosale
Vice Principal, VIT

Ph.D. Programmes:

Sr. No	Name of the Programme	Sanctioned Intake
1	Ph.D. Electronics and Telecommunication Engineering	10
2	Ph.D. Computer Engineering	10
3	Ph.D. Mechanical Engineering	20

The details of admitted students in the institute during the AY 2022-23 are as follows:

Programme name	Programme Code	Number of seats sanctioned	Admited Students + TFWS + J & K Migrant + PMSSS
Computer Engineering	CMPN	180	180+8+1+2
Electronics and Telecommunication Engineering	EC	180	180+7+0+0
Information Technology	IT	180	180+9+1+2
Mechanical Engineering	ME	180	155+8+0+0
Computer Science and Engineering (Data Science)	CSE-DS	120	120+5+1+0
Artificial Intelligence and Machine Learning	AIML	60	60+3+0+0
Artificial Intelligence (AI) and Data Science	AIDS	60	60+3+1+0
Computer Science and Engineering (IOT and Cyber Security with Blok Chain Technology)	CSE (ICB)	60	60+3+1+0
Electronics and Telecommunication Engineering (PG)	MEC	9	1

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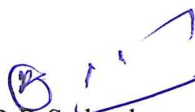Director, IQAC

Dr. Varsha Bhosale
Vice Principal, VIT

Regular activities carried out under IQAC in the institute and noted by the members are as follows:

1. **CURRICULAR ENRICHMENT**

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 regularly 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. Every faculty member prepares teaching plan and course files. Adherence to the academic calendar is monitored by the HOD and is also noted by the experts during the Academic Review Process. All activities are closely monitored by the departmental team and corrective actions, if any, are taken immediately.

DJSCE has also introduced Honors and Minor programs ahead of NEP 2020 to offer multidisciplinary learning. These courses offer insights into cutting-edge technologies. The list of Honors and Minor programs offered by various departments is as follows:

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B.Tech Degree in	Honors Degree offered	Minor Degree offered
Computer Engineering	Intelligent Computing	Green Technology and Sustainability Engineering
		Intelligent Automation and Applied Analytics
		Data Science
		Robotics
		Electric Vehicles
		Artificial Intelligence and Machine Learning
		Industry 4.0 & IoT
Mechanical Engineering	Electric Vehicles	Green Technology and Sustainability Engineering
		Web Application Development
		Data Science
	Robotics	Artificial Intelligence and Machine Learning
		Industry 4.0 & IoT
		Intelligent Automation and Applied Analytics
Computer Science and Engineering (Data Science)	Computational Finance	Green Technology and Sustainability Engineering
		Robotics
		Electric Vehicles
		Artificial Intelligence and Machine Learning
		Industry 4.0 & IoT
		Intelligent Automation and Applied Analytics
		Web Application Development
Information Technology	DevOps (Development and Operations)	Green Technology and Sustainability Engineering
		Web Application Development
		Data Science
		Robotics
		Electric Vehicles
		Industry 4.0 & IoT
		Intelligent Automation and Applied Analytics

TEACHING-LEARNING AND EVALUATION PROCESS

DJSCE believes in the usage of ICT (Information and Communication Technology) to achieve active collaboration of students and teachers to ease the acquisition of technological knowledge. Apart from academic learning of students, institute takes steps towards experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences. Institute also takes initiatives for personality development of students through

Dr. Mohan Murudi
Principal, SPCE

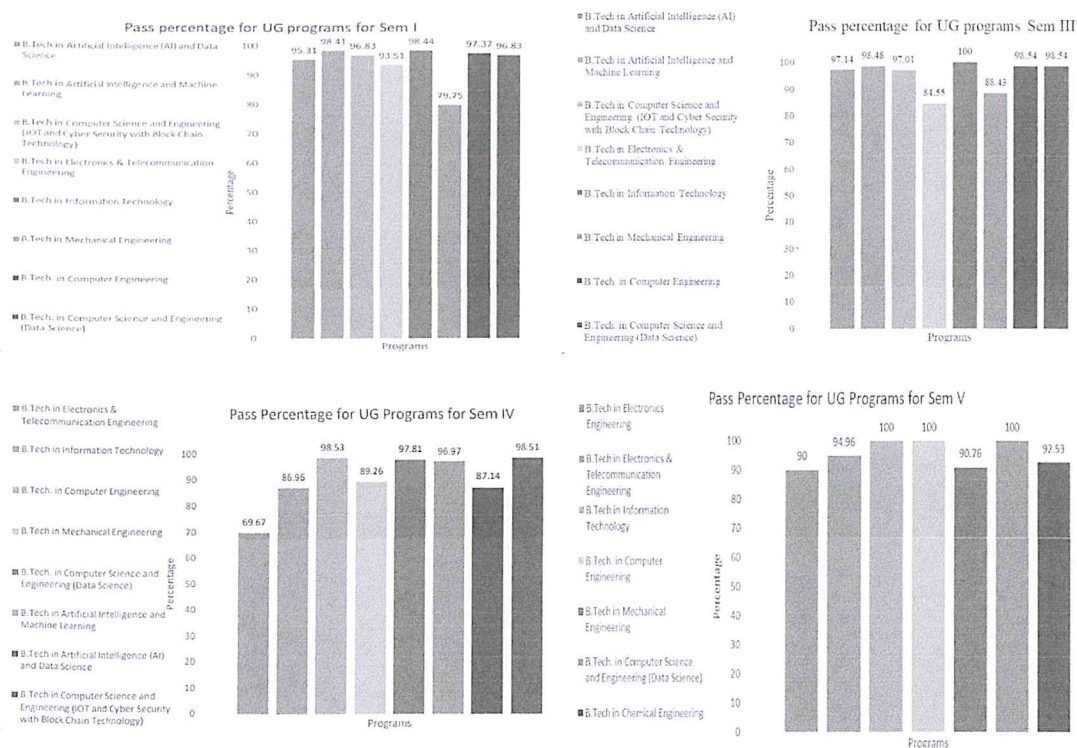Dr. R R Sedamkar
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Director, IQAC

Dr. Varsha Bhosale
Vice Principal, VIT

numerous student chapters and clubs, such as IEEE, IETE, CSI, ACM & S4DS etc. 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.

DJSCE takes rigorous efforts to improve the learning curve of students. For the same, slow learners are encouraged to participate in the events organized by the clubs. The 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 committee along with students' chapters and clubs.
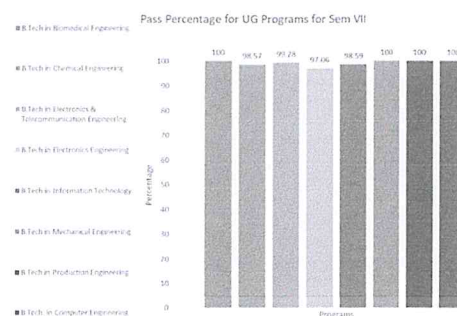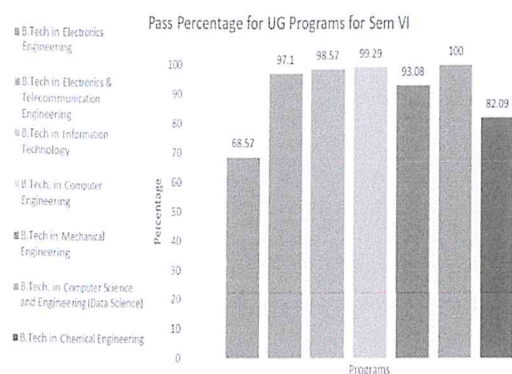
2. STUDENT PROGRESSION

Semester-wise result of the examinations conducted during the year are noted and is as given below:

Dr. Mohan Murudi	Dr. R R Sedamkar	Dr. Varsha Bhosale
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Pass Percentage for UG Programs for Sem VI

Pass Percentage for UG Programs for Sem VII

Pass Percentage for UG Programs for Sem VIII
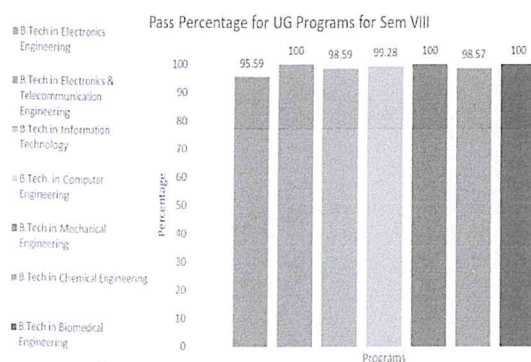
Details of the placement related activities organized by Institute are as follows:
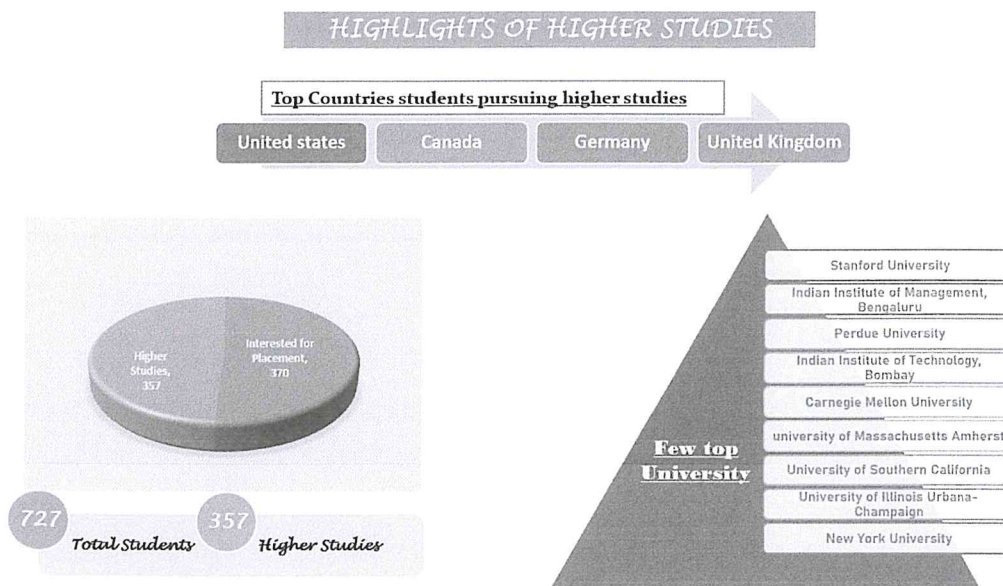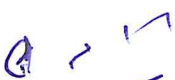
Name of the Activity	Number of students attended / participated
Unicode's Placement Session	150
Industrial Visit to Forbes Marshall, Pune	50
Competitive Programming	100
Consize 2.0	277
Industrial Visit to GMRT	49
Seminar: Carrier Guidance	107
GATE Exam Preparation Software	2400

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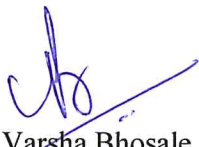Details of the higher studies include the following:

HIGHLIGHTS OF HIGHER STUDIES

Top Countries students pursuing higher studies

United states | Canada | Germany | United Kingdom

Higher Studies, 357 | Interested for Placement, 370

727 Total Students | 357 Higher Studies

Few top University

Stanford University
Indian Institute of Management, Bengaluru
Perdue University
Indian Institute of Technology, Bombay
Carnegie Mellon University
university of Massachusetts Amherst
University of Southern California
University of Illinois Urbana-Champaign
New York University

Students have also demonstrated promising results in various state/national/ international level examinations as follows:

Sr. No	Name of Qualifying Exam	Count of Students
1	JAM/CLAT/GATE	12
2	GMAT/CAT	7
3	GRE	105
4	TOEFL	101
5	IELETS	122

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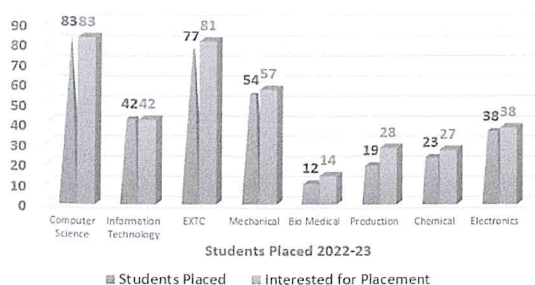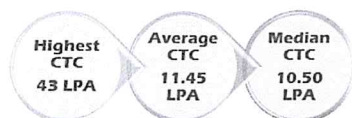
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Placement details are given below

Total Students count

- Computer: 138
- Information Technology: 71
- Biomedical: 36
- Production: 70
- EXTC: 138
- Mechanical: 139
- Electronics: 66
- Chemical: 70

Interested for Placement

- Computer: 83
- Information Technology: 42
- Biomedical: 14
- Production: 28
- EXTC: 81
- Mechanical: 57
- Electronics: 38
- Chemical: 27

Students Placed

- Computer: 83
- Information Technology: 42
- Biomedical: 12
- Production: 19
- EXTC: 77
- Mechanical: 54
- Electronics: 38
- Chemical: 23

Total Students	Interested for Placement	Placed Students	Companies Visited
727	370	348	105

PLACEMENTS HIGHLIGHTS

Students Placed 2022-23

■ Students Placed ■ Interested for Placement

- Computer Science: 83, 83
- Information Technology: 42, 42
- EXTC: 77, 81
- Mechanical: 54, 57
- Bio Medical: 12, 14
- Production: 19, 28
- Chemical: 23, 27
- Electronics: 38, 38

232	• STUDENTS RECEIVED 1 OFFER
89	• STUDENTS RECEIVED 2 OFFERS
24	• STUDENTS RECEIVED 3 OFFERS
3	• STUDENTS RECEIVED 4 OFFERS

PACKAGES FOR THE BATCH

Highest CTC	Average CTC	Median CTC
43 LPA	11.45 LPA	10.50 LPA

TOTAL NUMBER OF OFFER RECEIVED- 432

- Elite: 60
- Super Dream: 139
- Dream: 201
- Normal: 32

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Internship Summary Report

During the academic year 2022-23, a total of 445 students actively participated in internships, significantly contributing to their academic and professional growth. The internship program, spanning from July 2022 to June 2023, included both paid and unpaid opportunities, providing students with a diverse range of experiences.

Department-wise Distribution:

Name of the Department	Number of students did the internship		Total Count
	Boys	Girls	
AI_DS	6	4	10
COMP	87	31	118
CSE(ICB)	7	2	9
CSE(DS)	26	6	32
CHEM	18	6	24
IT	34	14	48
ELEX	8	10	18
PROD	64	5	69
MECH	47	7	54
AI_ML	9	5	14
EXTC	30	19	49
Total	336	109	445

Details of Participation in Smart India Hackathon, National Competitive Event

Total no. of Teams participated in SIH	26
Teams Selected for Final Round	7
Winners of First Prize	5

A couple of victorious teams with their prices are given below.
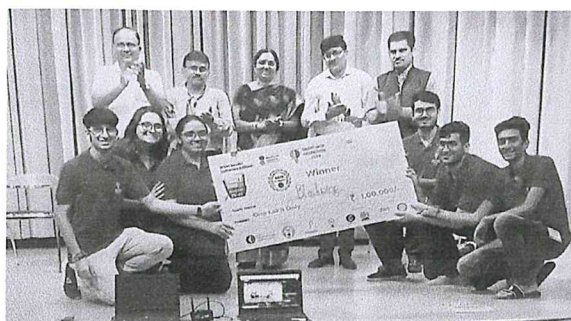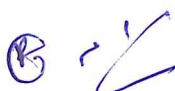
SIH GRAND FINALE - FISRT PRIZE WINNER (Rs. One Lakh)

SIH GRAND FINALE - FISRT PRIZE WINNER (Rs. One Lakh)

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3. FACULTY DEVELOPMENT / ENRICHMENT

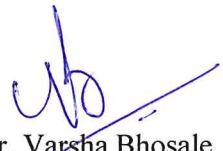The details of faculty members and their qualification are as follows:

Total no. of Faculty Members	177
Count of Ph.D. Faculty Members	57
Count of Recognized Ph.D. guides	15

3.1 Research Grants Fetched by faculty Members

Sr. No	Name of the Project/ Endowments, Chairs	Name and Department of the Principal Investigator / Co-investigator	Amount (in Lacs)	Name of the Funding Agency
1	Design and Development of Telecom Power Plant/Supply for 5G Networks	Dr. Darshana Sankhe (Electronics)	6.5	DST (Nidhi Prayas)
2	EMG Controlled Wheelchair	Prof. Vivek Nar (Electronics)	5.5	TIH-IoT IIT Bombay
3	IoT enabled EMG Controlled Wheelchair	Prof. Vivek Nar (Electronics)	6	TIH-IoT IIT Bombay
4	DJS Arya	Dr. Amit A Deshmukh (EXTC)	4	SVKM
5	DJS Antariksh	Dr. Amit A Deshmukh (EXTC)	6	SVKM
6	Patent application for "Device to Convert atmospheric moisture into water"	Prachi Bankim Patel Anaida Lawrence Lewis Bhumika Jayantilal Mange Harsh Bhavesh Mangukiya Dr. Shekokar Narendra M. Dr. Hari Vasudevan Dr. Narverkar Meera Dr. Kranti Vithal Ghag (Computer)	0.121	SVKM
7	DJS KRONOS, All Terrain Vehicle	Prof. Rajnarayan Yadav (Mechanical)	7.5	SVKM
8	DJS SKYLARK, Remote Control Plane	Prof. Shashikant Auti (Mechanical)	6.25	SVKM
9	DJS RACING, Formula one car (Combustion)	Prof. Vinit Katira (Mechanical)	11.5	SVKM
10	DJS KARTING, Karting Vehicle (Combustion)	Prof. Dharam Ranka (Mechanical)	2.5	SVKM
11	DJS HELIOS, Solar Powered Car	Prof. Bronin Cyrian (Mechanical)	2	SVKM

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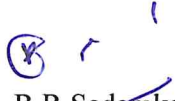
Dr. Varsha Bhosale
Vice Principal, VIT

12	DJ MILES, Efficient Mobility car	Prof. Gregory Mathew (Mechanical)	3.4	SVKM
13	DJS PHOENIX, Remote Control Drone	Prof. Ramesh Rajguru (Mechanical)	0.6	SVKM
14	DJS SPEEDSTER, Electric bike	DR. K. N. Vijayakumar (Mechanical)	1.5	SVKM
15	DJS ROBOCON	Prof. Pavan Rayar (Mechanical)	1.5	SVKM
16	DJS ASTRA	Prof .Rohit Chaurasia (Mechanical)	1	SVKM

3.2 Research and Development

The faculty members in the institute are actively involved in research and development. Resultantly, faculty members have published 98 research papers in reputed journals during the academic year. Additionally, details of research publications by faculty members in conferences and book chapters for the year are as follows:

Department	No. of Publications in Conferences/ Book Chapters
Computer Engineering	44
Information Technology	25
Mechanical Engineering	30
CSE (DS)	02
AIDS	03
Production Engineering	21
CSE (ICB)	03
EXTC Engineering	11
Total	**148**

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Dr Meera Narvekar Saiqa Khan and Dr. Hari Vasudevan patent published	A system for detection and classification of tomato disease using deep learning No: 202221024242A 11/11/2022.
Patent published by Dr. K N Vijayakumar (Patent Published)	Title of the Invention: "Smart Intelligent Wheelchair for Assisting Disabled Athletes using Compensation Algorithm", Publication No. 02/2023, Date: 13/01/2023.
Patent published by Dr. K N Vijayakumar (Patent Published)	Title of the Invention: "Artificial Intelligence Based Smart Watch to Diagnose Parkinson's Disease using efficient Gait Analysis", Publication No. 01/2023.
Patent published by Dr. K N Vijayakumar (Patent Published)	Title of the Invention: "Deep Learning Approach for Brain Tumor Detection and Classification using Multistage Convolutional Neural Networks", Publication No. 52/2022.
Patent published by Dr. K N Vijayakumar (Patent Published)	Title of the Invention: "Sensor Based Intelligent Wearable Neck Patch to Detect and Diagnose Early Warning Signs of Strokes", Publication No. 44/2022.

3.5 Workshop/seminars conducted by the Institute for Faculty members include:

Sr. No.	Name of the workshop/ seminar	Count of Participants	Dates
1	Seminar on Carrier Guidance	107	23/09/2022
2	Workshop on MATLAB Programming	81	24/09/2022 and 26/09/2022
3	Workshop on Ethical Hacking	23	6/11/2022 and 13/11/2022
4	Alumni Meet	50	11/02/2023
5	Seminar on How to Write a Technical Paper	52	15/02/2023
6	Clash of Codes	240	4/03/2023 - 5/03/2023
7	DJS Spark	200	03/04/2023
8	DJS Strike	200	03/04/2023
9	Seminar on Future trends in VLSI technology	32	2/10/2023
10	ISTE approved One-Week FDP on Emerging Technologies in Machine Learning	64	30-01-2023 to 03-02-2023
11	Expert Talk on Future of Artificial Intelligence	80	10/03/2023 - 10/03/2023
12	Workshop with Navan.AI	70	15/02/2023 to 15/02/2023
13	Lecture on IOT streaming process	48	02/03/2023
14	Workshop on "Building Your Own Token Using Ethereum Blockchain"	46	08/03/2023
15	Workshop on "Hands on Session on Internet of Things"	47	17/04/2023

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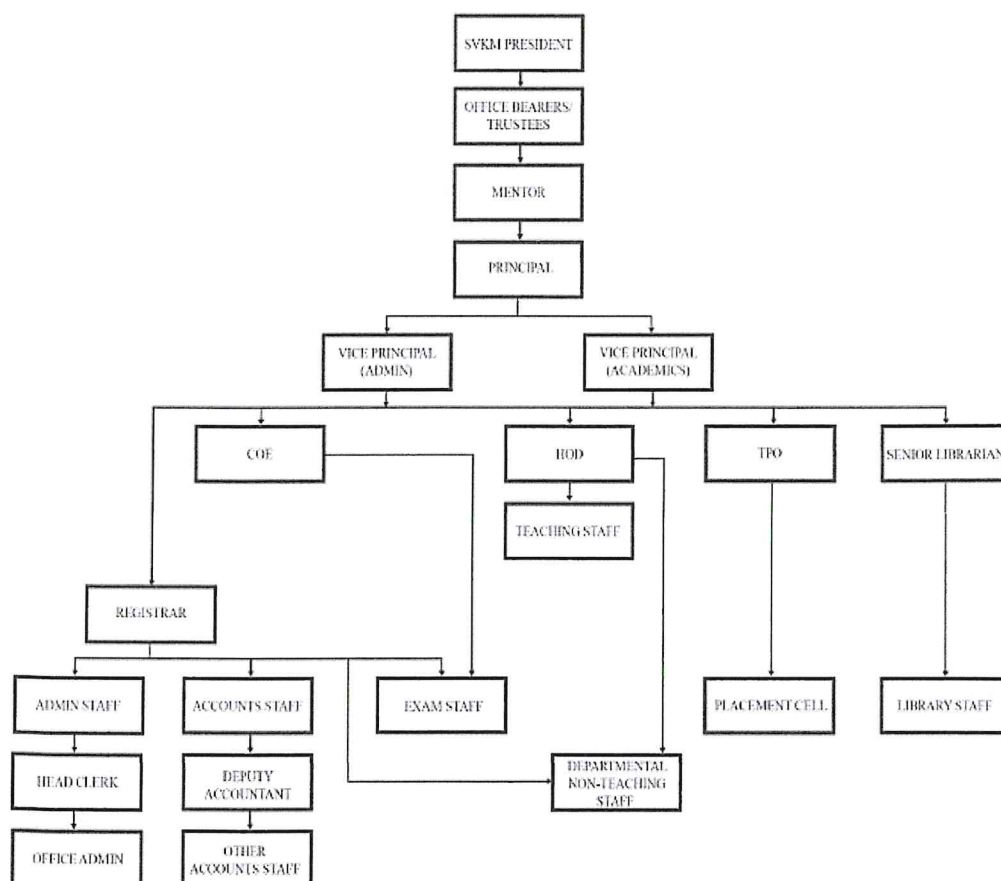Vice Principal, VIT

It is noted that the faculty members have active collaboration with the outside world in terms of being moderators, paper setters, BoS members, Reviewers, Expert speakers, Session chairs, Examiners, members of various committees at university level and advisory board etc.

4. GOVERNANCE, LEADERSHIP AND MANAGEMENT

The institution has been initiating new quality academic activities every year. The IQAC has been proactive in strengthening the best practices in the college and ensuring the high quality standards in all activities.

The institution has increasingly focused their attention on the pedagogical training programmes for the teaching staff members. These programmes have been aiming for an understanding of engineering pedagogy, the purpose of which is the targeted design of technical and technologically specific teaching and learning methods & practices.

The institutional Strategy planning is carried out using the following organizational chart.

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Vice Principal, TCET
Director, IQAC

Dr. Varsha Bhosale
Vice Principal, VIT

5.1 Strategy Development and Deployment

The institutional Strategic/ Perspective plan has been clearly articulated and implemented through various practices, such as budget preparation and constitution of various committees. The statutory and non-statutory committees existing in the institute are as follows:

Statutory Committees

- Governing Body
- Academic Council
- Board of Studies
- Finance Committee

Non-Statutory Committees

- Planning and Evaluation Committee
- Grievance Committee
- Examination Committee
- Admission Committee
- Student Welfare Committee
- Sexual Harassment Committee
- Internal Audit Committee
- Library Committee
- Cultural Committee
- SC-ST Committee
- Sports Committee
- Technical Committee
- Unfair Means Committee
- Internal Complaint Committee
- Placement Committee
- Disciplinary Committee
- Institute Development Committee
- Purchase Committee
- Maintenance Committee
- Branding Committee
- ISTE Committee
- Conference Committee
- Ethics Committee
- Alumni Committee
- Vigilance Committee
- Code of Conduct Committee
- Anti-Ragging Cell
- Anti-Ragging Squad
- DJSCE Internship Cell (DIC)
- Institute Innovation Council (IIC)

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5.2 Staff Empowerment Strategies

Institute takes various initiatives towards empowerment of teaching and non-teaching staff members. For the same, it has constituted various welfare policies as follows:

Mediclaim and Group Insurance: All staff members of institute along-with their immediate dependents are provided health insurance cover, under group insurance policy, for a sum of ₹2,00,000/-. In the A.Y. 2022-23, 20 staff members have availed the benefits of medical insurance facility. Also, members of the institute avail the benefit of group insurance, which provides death benefits to the nominee and surviving benefit upon retirement or resignation.

Personal Accident Cover: All staff members of the institute have been provided a personal accident cover, upto ₹ 10,00,000/- under group personal accident cover policy.

Pension: All staff members of the institute retiring with minimum 10 years of service, are provided a monthly pension by SVKM under the Employee Retirement Benefit Scheme. This entitles teaching members to receive monthly pension of ₹10,000/- pm and non-teaching ₹ 5,000/- pm for a period of 10 years after retirement upon survival. Currently, 7 members are getting benefitted by pension pay-outs of SVKM and are as follows:

Sr. No.	Name of Staff	Pension (INR per Month)
1	Dr. N. Chari	10,000/-
2	Dr. Ramesh Vulavala	10,000/-
3	Ms. Anusuya Datta	10,000/-
4	W/O "Late. Mr. Mangal Waghela - Geeta Mangal Wagela"	1,250/-
5	Mr. Ashok Waghela	2,500/-
6	Dr. Alpana Mahapatra	10,000/-
7	Ms. Usha Viswanathan	10,000/-

Home Town Leave Travel Concession: All members of the institute can avail Home Town Leave Travel Concession for themselves and their immediate family dependent and seek travel expense reimbursement for travel to their home town. This facility can be availed once in a block of 2 years.

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Leave Travel Concession (LTC): All staff members of the institute can avail of Leave Travel Allowance, for themselves and their immediate family dependents and seek travel expense reimbursement for travel, anywhere within the state of Maharashtra. This facility can be availed once in a block of four years. In the A.Y. 2022-23, 53 members of the institute have been able to avail LTC and Home Town LTC facilities.

Financial assistance to attend conferences / workshops and towards membership fees of professional bodies during the academic year is also prevalent in the institute.

Fee concession for SVKM employees: All staff members of the institute having their daughter /son /brother /sister studying in any of the SVKM sister institutions, are offered concession in fees of 25% for professional courses and 50% for non-professional courses.

Admission preferences: Daughter / Son / Brother / Sister of SVMK employees are given preferences in admissions to programs of non-professional courses in sister institutions of SVKM.

In addition to staff welfare schemes, institute also has a student welfare committee that designs various strategic plans for the overall requirements and the development of the students. The committee inculcates a spirit of discipline, leadership, social awareness and promotes physical and mental development among the students.
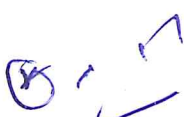
Differently abled 'divyangjan' friendliness: The institute has a disabled friendly and barrier-free ecosystem. It has provision of ramps/lifts for easy access to classrooms and laboratories.

Human assistance: The institute has made elaborate provision for enquiry and information dissemination.

Gratuity: Details of gratuity paid by SVKM during the 2022-23 are as follows:

Sr. No.	Name of Staff	Gratuity
1	Dr. (Mrs.) Mrunal Patwardhan	2,88,860/-
2	Ms. Shivani Bhattacharjee	4,94,450/-
3	Dr. (Mrs.) Manali Godse	14,00,000/-
4	Mr. Mayur Parulekar	5,34,950/-

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6 INSTITUTIONAL VALUES AND BEST PRACTICES

DJSCE ensures that the faculty members are continuously engaged towards their skill set enhancement to equip themselves with cutting edge technologies in this technologically revolutionizing world. The same is achieved through various programs, like pertinent FDPs, relevant webinars and expert sessions. Quality publications are achieved by faculty members in terms of research papers published in renowned journals and conferences. The count of intellectual property rights filed by faculty members is also on the rise, especially in last few years. Institute also provides 24 X 7 access to the digital library to lend expertise in engineering pedagogy beyond the campus facility. In addition to the print books, library has a huge collection of e-books consisting of 13848 e-books by ELSEVIER Publication, 2791 SPRINGER Publication and 223586 e-books in EBRARY database.

The institute's curriculum has numerous skill development courses that provide learners with an experiential learning opportunity through research and innovation. A unique offering is a credit course – Innovative Product Development (IPD), which aims to evolve idea-solutions to real world problems. It also enables them to publish their findings in suitable journals/ conferences and even for various intellectual property rights. Institute motivates and mentors its students to participate in various national/ international events, like Hackathons, Codethons, Datathons, Project Competitions, Conferences and Codevita etc. This keeps them abreast with the latest trends in the technological world. The institute curriculum, much before implementation of NEP 2020, had already included mandatory courses of social and moral importance, like – Universal Human Values (UHV), Indian Knowledge System (IKS) and Constitution of India (CoI).

Additionally, in order to give the students an adequate flavour and exposure of traditionally rich art forms of Music, Dance, Drama and Literature etc., the institute has overall 14 student chapters of national / international repute, in addition to numerous student clubs. They are as follows:

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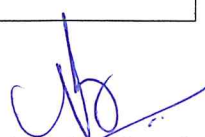Vice Principal, TCET
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Sl. No.	DJSCE Student Chapters
1	DJS ACM (Association for Computing Machinery)
2	DJS CSI (Computer Society of India)
3	DJS IEEE (Institute of Electrical and Electronics Engineers)
4	DJS IETE (Institution of Electronics and Telecommunication Engineers)
5	DJS IICHE (Indian Institute of Chemical Engineers)
6	DJS ISME (Indian Society of Manufacturing Engineers)
7	DJS SAE (Society of Automotive Engineers)
8	DJS ISHRAE (Indian Society of Heating Refrigeration and Air Conditioning Engineers)
9	DJS RAS (Robotics and Automation Society)
10	DJS PACEMAKERS (Biomedical Engineering Chapter)
11	DJS S4DS (Society for Data Science)
12	DJS ACM SIGAI (ACM Special Interest Group on Artificial Intelligence)
13	DJS ISACA (Information Systems Audit and Control Association)
14	DJS NSDC (National Student Data Corps): under Northeast Big Data Innovation Hub, USA

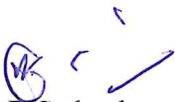| Sl. No.	DJSCE Student Clubs
1	DJS Unicode (Coding Club)
2	DJS Synapse (Machine Learning Club)
3	DJS Nature Trek Club
4	DJS Codestars – The Programmer's Club
5	DJS DJinit.ai (AI Club)
6	DJS LIT (Literature)
7	DJS Beats (Music)

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8	DJS Aura (Drama)
9	DJS Panache (Fashion)
10	DJS E-cell (Entrepreneurship Cell)
11	DJS Express (Debate)
12	DJS GDSC (Google Developer Student Club)
13	DJS Compute (Computing club)
14	DJS R & D Club
15	DJS Dhadak (Dance Club)
16	DJS MUNSOC (Model United Nations Society)
17	DJS Arya
18	DJS Antariksh
19	DJS Spart
20	DJS Strike
21	DJS Ignite
22	DJS Kronos
23	DJS Racing
24	DJS Skylark
25	DJS Karting
26	DJS Helios
27	DJS Phoenix
28	DJS Speedster
29	DJS Miles
30	DJS Robocon

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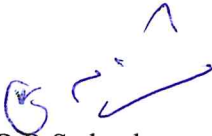| 31	DJS Astra
*	**DJS N.S.S.** (National Service Scheme)
*	**DJS Trinity:** Amalgamation of ➢ DJS Parichay (Cultural Festival) ➢ DJS Pulse (Technical Festival) ➢ DJS Iridescence (Sports Festival)

It is clearly observed that DJSCE hosts a myriad of activities, coordinated by these student chapters and clubs, creating a professional environment for students to excel in their fields. These initiatives, aligned with industry standards, result in numerous student/s winning national and international level competitions. The institution's commitment to a well-rounded education is also evident in its promotion of traditional art forms.

Ensuring 100% campus placement, the institute collaborates with various bodies to provide job-oriented training in emerging technologies. It is also observed that the institute consistently ranks amongst the top 100 institutes nationwide, reflecting its commitment to continued excellence. It has achieved NIRF rankings in Top 200 in the past for 2 years and is currently in the band of 151-300 in the NIRF innovation rankings.
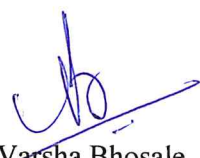
In conclusion, it can be stated that the institute is well committed to achieving excellence in the teaching learning process. The institute has well-structured and proactive measures in place for faculty development and student academic enrichment. Institute fosters multidisciplinary, holistic and experiential learning to enhance the skillset of its students. Institute has consistent research and development activities carried out by faculty members and students. It is also suggested that the faculty members of the institute may take up more initiatives for getting external funding for various research/project activities. Overall, the progress being made by the institute is very good and we wish the college team all the best for the future initiatives.

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