



# SVKM's DWARAKADAS J. SANGHVI COLLEGE OF ENGINEERING



(Approved by the AICTE &  
Affiliated to the University of Mumbai)

## FOUR YEAR FULL TIME B. E. DEGREE COURSES IN

- Chemical Engineering
- Production Engineering
- Bio-Medical Engineering
- Electronics & Telecommunication Engineering
- Electronics Engineering
- Information Technology
- Computer Engineering
- Mechanical Engineering

5½ YEAR (INTEGRATED COURSE)  
MASTER OF TECHNOLOGY  
MANAGEMENT (M.T.M.)

## TWO YEAR FULL TIME M. E. DEGREE COURSES IN

- Electronics & Telecommunication Engineering
- Computer Engineering
- Mechanical Engineering

## PH.D. DEGREE\* IN

- Electronics & Telecommunication Engineering
- Mechanical Engineering

(\*Subject to final approval from the  
University of Mumbai)

# PROSPECTUS 2013 - 2014



Creating  
**WINGINEERS** ...

Proud to be a *DJite*...



## DWRKADAS J. SANGHVI COLLEGE OF ENGINEERING

### ***Vision***

*To be a world-class institution for education, training, research and development in engineering by providing modern infrastructural facilities, competent faculty and active forum for interaction.*

### ***Mission***

*To prepare competent engineers, technocrats and researchers for various sectors of industries in order to meet the challenges and help industry and society for a better life.*



## Invitation from the President, SVKM

Dear Friend,

The architects of the Constitution of our Country visualized our education system as a powerful instrument of social, economic and cultural transformation necessary for the realization of the national goals. Their dream was to develop an education system so as to increase productivity, achieve social and national integration, accelerate the process of modernization and cultivate social, moral and spiritual values. Shri Vile Parle Kelavani Mandal has since its inception strived to contribute to this cause.

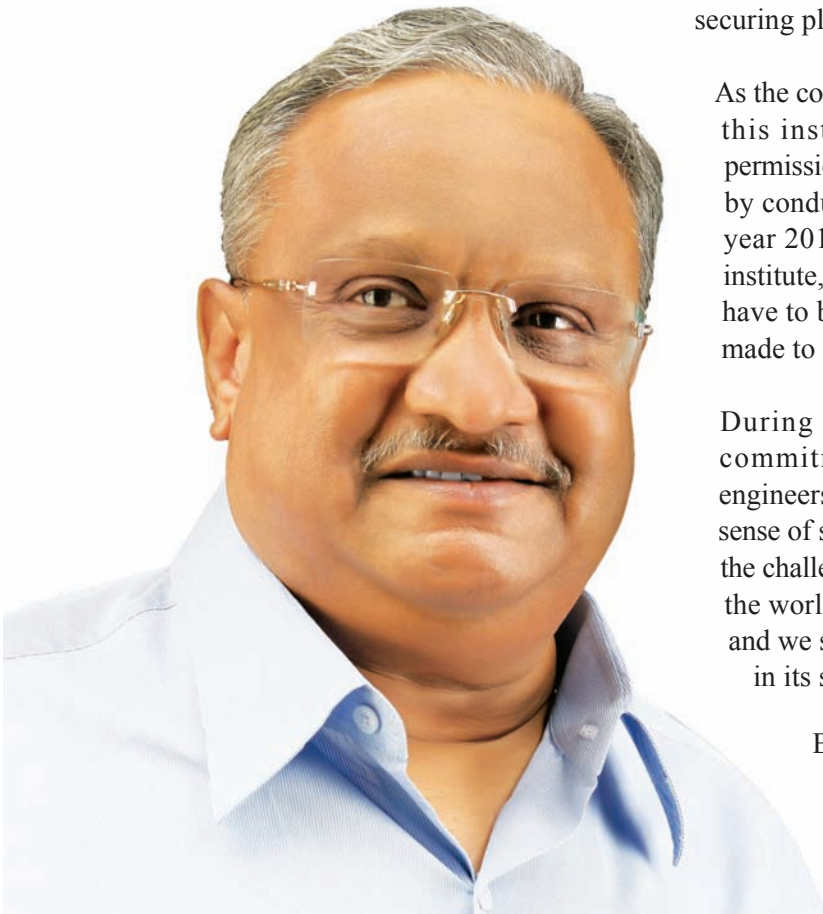
In this era of cut-throat competition, a country like ours needs to be at the fore-front of technological innovation. It needs engineering professionals with technical skills at par with the best in the world. It is with this aim in view that SVKM laid the foundation stone of Dwarkadas J. Sanghvi College of Engineering, seventeen years ago. Since then the College has proven itself to be one of the best institutes in the state and this is abundantly reflected in the success of its students in academics; in securing admissions to top universities abroad as well as in securing placements in some of the best companies.

As the college completes 19 years, it is now time to take this institution to the next level. We have given permission to the college to enhance Research activities by conducting Ph.D. level courses from the academic year 2013-14. Considering the long term goal of the institute, it is our firm belief that the research activities have to be given a major thrust & all efforts are being made to enhance the same.

During this nineteenth year, we reiterate our commitment to our cause of creating a breed of engineers with not just excellent knowledge but a keen sense of social responsibility and consciousness towards the challenges being faced by the country and the rest of the world. Our Country's youth are its greatest wealth and we shall continue to nurture this valuable resource in its service in the years to come.

Best of luck.

**Amrish R. Patel**  
President,  
Shri Vile Parle Kelavani Mandal



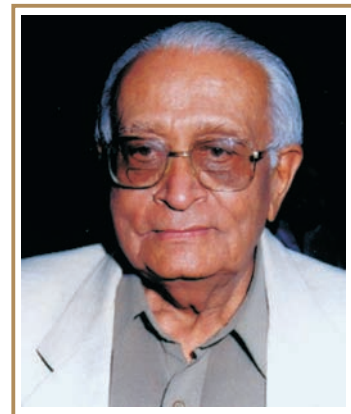
## SVKM Office Bearers



**Shri Amrish R. Patel**  
President



**Shri Pravin V. Gandhi**  
Vice President



**Shri Balwantraj P. Sheth**  
Vice President



**Shri Sunandan R. Divatia**  
Honorary Secretary

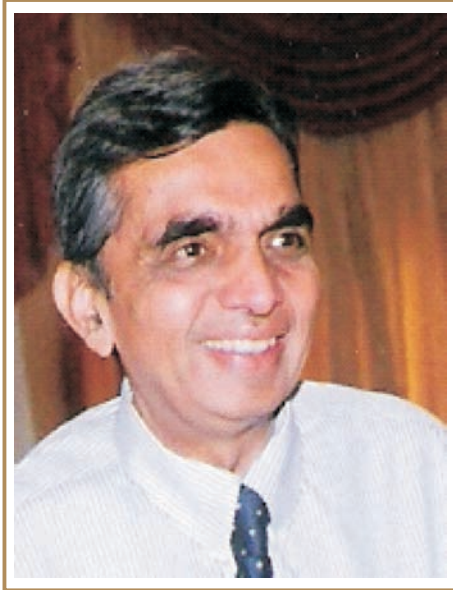


**Dr. Jayant Gandhi**  
Honorary Joint Secretary



**Shri Utpal H. Bhayani**  
Honorary Treasurer

## Message of the Chairman, Governing Council, DJSCOE



An ancient Chinese curse goes like this “May you live in interesting times” and interesting times these certainly are! With the global melt down and the sudden change in the economic scenario that has played out in the last year, companies are struggling to meet higher levels of competition. World class companies are aiming to create value by exploiting their core competencies; by down sizing; re-engineering and by cutting costs wherever possible.

In this situation, it is only natural for companies to insist on adequate academic preparation of students. In today’s intensely competitive scenario, prospective employers expect employees to deliver from First Day First Hour. Recognizing this fact, Shri Vile Parle Kelavani Mandal’s Dwarkadas J. Sanghvi College of Engineering, once again reiterates its commitment to create Engineers of the highest caliber. In a country that produces close to 6 lakh Engineers each year, it is our commitment to ensure that our Engineering students as they cross the threshold of our institute are absolutely industry ready. With this aim in view, the college continues to provide world class infrastructure, facilities and a learning environment worthy of the intelligence, talent and potential of the students who join it.

The institute has achieved a great deal in the 19 years, since it was established, in terms of accolades won; in terms of academic and professional achievements of its students, and in terms of its placement record.

I am confident that with the resources as well as the learned and dynamic faculty that the college has, it will soon become a Global Brand in Engineering Education.

Best Wishes.

**(Bharat M. Sanghvi)**

## From the desk of the Principal



Greetings to you!

In this ever-changing world of rapid industrialization and economic growth, it is important to recognize the contribution and services of educational trusts and establishments in the nation building activity. Shri Vile Parle Kelavani Mandal (SVKM), our parent trust is one such establishment with abundant experience in the field of education and social service.

In a short span of 19 years, Dwarkadas J. Sanghvi College of Engineering (DJSCE) owned by SVKM has come a long way and has made its impact felt not only in the country, but also abroad. Our students have performed exceedingly well in national and globally competent multinational companies and also in universities in India and abroad as they pursue their higher education.

Our college is regularly rated amongst the top 100 Engineering Institutions of our country by various rating agencies. Our students top the University of Mumbai examinations almost every semester year after year.

Beyond regular academics, the Masters Degree programs, that were started in the Academic Year 2011-12, have particularly provided the much needed momentum to the research activities being conducted at our Innovation Centre. The regular publication of the college research magazine “TECHNOFOCUS” encourages and motivates our staff and students to undertake more and more research activities along with their day to day work. The number of Research publications by faculty members and students have increased tremendously in the last 2 years.

We have now applied to the University of Mumbai for approval to establish Research Centres in Electronics & Telecommunication Engineering and Mechanical Engineering and are confident of getting the necessary permission required to start Ph.D. Courses from the academic year 2013-14.

Our college is committed to maintaining an academically rich and professionally competent environment by encouraging the enterprising skills of our students. Our faculty members do support and play a vital role in the overall development of our students and the institute.

Today, DJSCE is the most sought after institute for fresh aspiring engineering students both at the Graduate and Post Graduate levels. We are sure that the world class infrastructure provided by our trust, a highly qualified faculty and a motivated group of students coupled with a vibrant ambience will continue to drive the growth of DJSCE as a great institution. We firmly believe that in time to come we shall be counted amongst the best at the global level as well.

In all our efforts, we seek the Lord’s Grace to keep us on the path of virtue, courage and wisdom. May thy grace and blessings flow through us to the world around us in our efforts to make better quality engineers who can make a positive impact in our society.

Thank you.

Warm Regards & Good Wishes!

**Dr. Hari Vasudevan**  
*Principal*

# Shri Vile Parle Kelavani Mandal

## HIGHER, FASTER, STRONGER

- Shri Vile Parle Kelavani Mandal – “SVKM” to the society at large – grew out of a humble seed planted during India’s freedom movement namely Shrimati Gokalibai Punamchand Pitamber High School – to nurture socially relevant education. Today SVKM has grown into a mega education nucleus with a distinguished roster of achievements.
- 32 vibrant institutions covering a wide range of educational and social needs.
- More than 43,000 students (currently) pursuing their careers from school to post-graduations and super specialization.
- SVKM campuses and institutions occupy a total built-up area of over 10 lakh sq.ft.
- The total assets of the SVKM have grown from a mere Rs. 527 Million in 1989-90 to Rs. 1704 Million today.
- The transformation of institutions of Shri Vile Parle Kelavani Mandal into the world-class institutions is undertaken by setting up the state of art facilities at each of its institutions.
- The Management believes that one of the important resources of an institution is its competent faculty members. The management has the policy of attracting, training and retaining good faculty members.

## SVKM Institutions

### From the school gate .. to the school of life

SCHOOLS	DIPLOMA AND GRADUATION	POST-GRADUATION AND SUPER SPECIALIZATION
Smt. Gokalibai Punamchand Pitamber High School	Mithibai College of Arts Chauhan Institute of Science Amrutben Jivanlal College of Commerce and Economics	Jitendra Chauhan College of Law
Shri Manilal Vadilal Nanavati Prathamik Shala	Shri Bhagubhai Mafatlal Polytechnic	SVKM’s College of Law (5 Year Degree Course)
Shri Dhirajlal Vrajlal Parekh Shishu Vihar	<b>*Dwarkadas J. Sanghvi College of Engineering</b>	NMIMS University
Chatrabhuj Narsee Memorial School & Niranjana D. Parekh Pre-Primary School	Narsee Monjee College of Commerce & Economics	Shri Chhotabhai B. Patel Research Centre for Chemistry & Biological Science
Mukeshbhai R. Patel Military School - Shirpur	Chauhan Junior College of Science and Amrutben Jivanlal College of Commerce and Economics	Institute of Intellectual Property Studies
	Narsee Monjee Junior College of Commerce	Harkisan Mehta Foundation Institute of Journalism and Mass Communication.
	Acharya Ambalal V. Patel Junior College	
	Usha Pravin Gandhi College of Management	
	Dr. Bhanuben Nanavati College of Pharmacy	
	SVKM’s College of Diploma in Pharmacy	
	SVKM’s Institute of International Studies	
	SVKM’s International School	

## DJSCOE : Historical Back Ground

The demand for contemporary engineering courses rose in the early 90s as a result of liberalization. Shri Vile Parle Kelavani Mandal responded positively to the demands of the Industry & academic fraternity and established a benchmark-setting Engineering college - The Dwarkadas J. Sanghvi College of Engineering.

Affiliated to the University of Mumbai, the College conducts the following **courses of study in the B. E. Degree** with the **intake capacity (Academic Year 2013 - 2014)**.

1.	Chemical Engineering*	60 seats
2.	Electronics Engineering*	60 seats
3.	Production Engineering*	30 seats
4.	Biomedical Engineering*	30 seats
5.	Electronics & Telecommunication Engineering*	120 seats
6.	Information Technology*	60 seats
7.	Computer Engineering*	120 seats
8.	Mechanical Engineering#	120 seats

\* Provisionally accredited.

# Will be eligible for application for Accreditation in the year 2016, as the course was started during the year 2011 only.

and

Following **courses of study in the M. E. Degree** with the **intake capacity (Academic Year 2013 - 2014)** :

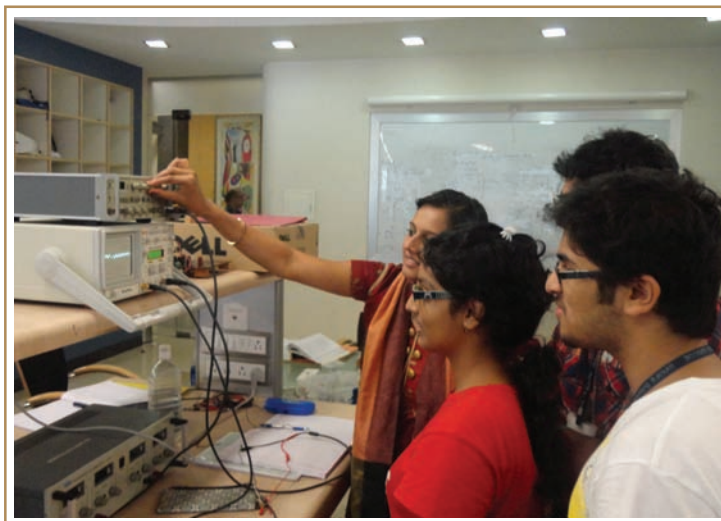
1.	Electronics & Telecommunication Engineering	18 seats
2.	Mechanical Engineering	18 seats
3.	Computer Engineering	18 seats

In a short span, the college has come to be recognized as a **premier institute of technical education**. The favourable location of the institute in the heart of Mumbai along with **state-of-the-art facilities and a distinguished faculty** has been a nurturing ground for students of high academic capabilities. **22,862 sq. meters of spacious classrooms, well-equipped laboratories and workshops, new age computer facilities and a well-stocked library** provide a stimulating educational environment within the College.

With liberalization, Privatization and Globalization, the educational institutions in India are facing challenges in the educational market. It also gives opportunities to Indian Institutions to become global players. The educational institutions in general and the institutions of higher and technical education in particular will have to prepare themselves to provide quality education and training of international standard.

Knowing this well, the College has attracted qualified and experienced faculty members with more and more additions in the years to come.

Continuing with our commitment of providing students with better infrastructural facilities; the College has been adding new equipments and furniture. A further injection of quality equipment is in pipeline.



The College Management also believes that along with a well monitored teaching-learning process, the co-curricular, and cultural and sports activities play an important role in the over all development of the student's personality. All efforts are made to provide opportunities to students to organize and participate in such activities. The College thus focuses its attention to the facility, the faculty and the forum, which are key factors in achieving excellence.

Please see the website [www.djsce.ac.in](http://www.djsce.ac.in) for further details.

### All India Rankings so far during the year 2013

CSR – GHRDC (Competition Success Review - Global Human Resource Development Centre – 2013): **Rank 28** among Top Engineering Colleges of “**Excellence**”. Last year: - Rank 41 (2012)

(Special Issue, July 2013).

The CSR – GHRDC Survey rates DJSCE **3<sup>rd</sup>** in Maharashtra State and **5<sup>th</sup>** in the India West region.

OUTLOOK – MDRA SURVEY 2013: **Rank 44** among Top 100 Engineering colleges). Last year: - Rank 46 (2012)

(Issue, dt. 1<sup>st</sup> July 2013)

The OUTLOOK – MDRA Survey once again rates D. J. Sanghvi College of Engineering, IIT Bombay and VJTI (only 3 institutions) as the best colleges in Mumbai Metro region.

The College is consistently rated amongst the Top 100 Engineering colleges of our country. The college figures amongst the top 100 Engineering Colleges of India in almost all the nationwide rankings time and again.

- The Outlook – MDRA Survey 2012 ranked D.J. Sanghvi at **46** in the list of **75** top best Professional Engineering Institute in India. **The Outlook – MDRA Survey also rated IIT Bombay, VJTI and D.J. Sanghvi (Only 3 colleges) best in Mumbai Metro Region.**
- The Competition Success Review – Global HRD Center – 2012 ranked DJSCOE at **41** in the list of top Engineering colleges for ‘**Excellence**’. DJSCOE is the Only college affiliated to Mumbai University to get this ranking in Maharashtra as well as India West Region.
- The Week-Hansa Research Survey 2012 ranked D.J. Sanghvi at **81 in list of Top 100** Colleges in India.
- The ‘CAREER 360’ special issue of July 2012 - D.J.Sanghvi College of Engineering has been given “**AA**” grade amongst the Best Engineering Colleges in Maharashtra & Goa.
- In the lists of institutions from the state of Maharashtra as well as from the India West region, **DJSCOE is the only Mumbai University affiliated institution.**

(Source : Competition Success Review, July 2012).

## Highlights

- The College is one of the few Engineering Colleges in Maharashtra that has been awarded ‘A+’ Grade consecutively by the Directorate of Technical Education, M.S.
- All the eligible courses are provisionally accredited.
- Semester by semester, our students continue to bag top positions in the merit list - retaining the status of the most sought after college among Mumbai's premier colleges.
- Excellent Campus Placement in top flight companies : J.P. Morgan Technology, Amdocs, TIBCO, Amazon, Technip, Google, Philips, Uhde, Mahindra & Mahindra, MOTT.MAC, Siemens, Microsoft, Earnst & Young, Sokrati, Indus Valley Partners visited the college in addition to the regular companies numbering more than 30. 100% of the needy students are placed through the placement cell.
- Student's chapters of professional organizations such as IEEE, IChE, CSI, ISME, IETE, BMSE, ACM are very active in organizing various activities and programmes.
- Faculty continues to organize conferences, training programmes and other development programmes for the benefit of both students as well as faculty members of other institutions.
- **Counseling Centre for Higher Studies :**

Dwarkadas J. Sanghvi College of Engineering has made its own global identity through its dynamic and distinguished alumni in the last 19 years. Many of its students, after completing graduation from DJSCOE, have opted for higher education and have excelled in their chosen career path.

Looking at the trend of students pursuing higher education after undergraduate studies, the college had come up with a Counseling Centre, established in 2008. This counseling centre, managed by faculty offers guidance to the students interested in going for higher education.

The centre assists students in deciding their stream of specialization, institute / university selection, application procedure, etc. The higher education institutes expect not only academic excellence but also achievements in the form of co-curricular activities from students to be admitted. Emphasizing on the overall development of the enrolled students, the centre motivates and encourages them to pursue research work, paper publication and participation in seminars and conferences. It also helps students in deciding the appropriate courses to be opted from various electives of B.E. curriculum and final year project in order to focus on their area of specialization. The continuous interaction with students, organizing lectures / sessions by alumni and experts from the field of higher education aim at grooming of students to face the global competition while securing admission to their dream institutes / universities.

- **Innovation Centre** :- Provides tremendous opportunities for our students to showcase their technical skills. Various projects are carried out at the centre. The activities at the centre give ample of opportunities for our Students at lest their technical skills and coordinate their efforts keeping in mind the latest Industry practices.

Some of the recent work carried out at the centre include :

**1. Controlling SCARA using Virtual Open Sourced Teach Pendant and provide a unique HMI**

Developed a unique Virtual Teach Pendant using LabVIEW for eliminating the need of a hard wired Teach Pendant generally present in an Industrial Manipulator System.

**Best Project Award in Maharashtra State, India at DJ Spark, Mumbai 2012**

**Research Paper Selected at IWAMA 2012 at SFI Norman, Norway**

**Most popular project at National Instruments Student Design Competition, US.**

**2. Human Transporter- Autonomous Balancing Vehicle- The ElexiMobil**

Developed a low cost self balancing electric vehicle –The Eleximobil which is currently being tested at R & D center of Mahindra and Mahindra for market deployment.

**3. NITRO IC Engine Car**

This is a remote controlled car propelling with the help of an Internal Combustion engine, also called as the nitro engine in this case. It has a 3.3cc engine running on nitro fuel.

1st prize at BITS Goa 2011

1st prize at MIT Pune 2011

2nd prize at JECRC Jaipur 2011

2nd prize at MIT Pune 2012

2nd prize at VIT Pune 2011

2nd prize at K.J. Somaiya Sion Mumbai 2011

3rd prize at VJTI Mumbai 2012

Finalists at Techfest, IIT Bombay 2011 and 2012

**4. Single Board Computer**

Developed a Single Board computer with 4 process context switching based on ARM architecture

**Best Project Award by Tata Consultancy Services**

**Project Presented at Intel Design Competition**

**5. Over and above following are the contribution in innovation centre by faculty members and students.**

1. 8051 MC development Board

2. Website for college using content Management System

3. Design and Fabrication of two ‘Wheel self balancing Mobile Machine’.

4. Developed an algorithm to “Model the Lane Contention Algorithm for Control in Intelligent Vehicular Systems”.

6. There has been projects such as Quod-copter, Segway, I.C. Engine Model Car and others done at the Centre at the extreme minimum cost.

- **Techno Focus:-** Journal for budding Engineers : In order to provide our students an opportunity to develop the skills of writing a research paper, we publish an on-line journal which is a platform for budding engineers to publish their research and project related work. The contributions in the journal are related to the case studies/ project work/ industrial training done during the undergraduate engineering studies. Good quality research papers from outside the institution are also invited.

- An Entrepreneurship Cell exists in the College and this facility encourages students to pursue new ventures and other entrepreneurial initiatives.

The college has a tie up with the National Entrepreneurship Network (NEN) to set up a NEN E-Cell in association with Research & Innovation Center of our college since November 2012 and has already incubated 6 startup companies. The objective of this initiative is to encourage entrepreneurial spirits among students and obtain funding from Department of Science & Technology, AICTE & various other such funding agencies to form start-up campus companies to encourage entrepreneurship and innovation among our students

- **International Conference on ‘Communication Technology (ICCT) :**

Three day “**International Conference on ‘Communication Technology (ICCT)’**” for engineering faculty will be held from 17th -19th, October, 2013 with digital publication in IJCA (International Journal of Computer Applications).

- Over 50% of successful students follow up with higher studies abroad.

## Library

The Library of D. J. Sanghvi College of Engineering is situated on the First floor of the college Building. Name of the Library is **Manubhai P. Knowledge centre**. The total library area is more than **7500 sq.ft.** It is facilitated with **reprography** & also **Wifi network connection**. Library is open 10hrs (8.30 am. to 6.30 pm.) on all working days. We have fully **computerized database & circulation system**. There are about **35842** books, **102** - Printed journals & magazines (National & International) with 7 online databases such as :

Sr. No.	Online Database
1	ASME
2	ASTMDL
3	J-Gate
4	Elsevier Science Direct
5	IEEE ASPP
6	Springer
7	Mc GrawHill

Covering a wide range of text books and other material, the Library has 6712 titles and 35842 books. It has Online data bases covering Research papers and articles in areas such as Chemical Engineering, Electronics Engineering, Production Engineering, Electronics & Telecommunication Engineering, Information Technology, Computer Engineering, Mechanical Engineering, Science & Humanities and Management Studies.

## Recent Academic Performance

### University Examination results

- From among all the Engineering colleges in the University of Mumbai in the Final Year B.E. Exam, conducted by the University of Mumbai in May/June 2012, the college secured **100%** result each in Biomedical Engineering, Information Technology & Computer Engineering, and **87.50%** in Electronics & Telecommunication Engineering, **97.14%** in Production Engineering, **92.20%** in Electronics Engineering & **95.89%** in Chemical Engineering.
- The college has secured **1st rank in the University from among all engineering colleges** in First Year (Semester-II) University of Mumbai examinations held in May 2012. The college results were **82.36%** against the University average of **39.35%** result.
- The college recently secured **1st Rank in the University** once again from among all the Engineering colleges in First Year (Semester-II) University of Mumbai examinations held in December 2012,. The college result is 90.00% against the University average result of 45.13%. 18 students of the college secured 'Outstanding' Grade in the same examinations.



## Placement record for last Three years

Discipline	Total no. of interested students placed through placement cell		
	2010-11	2011-12	2012-13
Chemical Engineering	25	20	21
Electronics Engineering	62	62	57
Production Engineering	25	23	16
Biomedical Engineering	18	23	16
Elex. & Telecom. Engg.	69	66	67
Information Technology	67	68	55
Computer Engineering	63	61	69
<b>TOTAL</b>	<b>329</b>	<b>323</b>	<b>301</b>

**For Academic Year 2012-13 :-**  
**Minimum Salary – Rs. 3.16 lakhs p.a.**  
**Maximum Salary – Rs. 33 lakhs p.a.**  
**Average Salary – Rs. 5 lakhs p.a.**

As a super dream offer, our B.E. Computer Engineering student Yash Mehta secured his final placement in Work Place (Japan Based Company) with the highest salary of Rs.33,00,000/- p.a. for the year. 13 other students are placed in JP Morgan Chase-Tech. with the salary of Rs.10,00,000/- p.a.

In addition to this, many students secured dream offers in few of the above mentioned companies.

During the year TCS made **194** offers to our students, highest single for TCS from a college in the State of Maharashtra.

### List of Companies which offered summer/internship (training) with total number of students trained discipline wise.

Name of Company	CSE	IT	EXTC	Elect.	Prod.	Chem	BM	Year
TCS	04	03	—	—	—	—	—	2013
L & T LTD.	—	—	—	—	12	—	—	
TEREX, PUNE	—	—	—	—	01	—	—	
GODREJ	—	—	—	—	15	—	—	
SIEMENS	—	—	—	—	05	—	—	
PAM	—	—	—	—	02	—	—	
EVERGREEN	—	—	—	—	01	—	—	
VOLKS WAGAN, PUNE	—	—	—	—	02	—	—	
MAHINDRA & MAHINDRA, CHAKAN	—	—	—	—	01	—	—	
INDIAN OIL	—	—	—	—	—	06	—	
BPCL	—	—	—	—	—	03	—	
HPCL	—	—	—	—	—	06	—	
L&T INFOTECH.	—	02	—	—	—	—	—	
HUL	—	—	—	—	—	02	—	
DIAL HEALTH	04	02	—	—	—	—	—	
AMAZON	02	—	—	—	—	—	—	2012
AMDOCS	02	01	—	—	—	—	—	
GODREJ AND BOYCE	—	—	—	01	13	01	—	
L&T LTD.	02	—	01	—	17	02	—	

Name of Company	CSE	IT	EXTC	Elect.	Prod.	Chem	BM	Year
L&T INFOTECH.	02	03	—	—	—	—	—	2012
PAM	—	—	—	—	02	—	—	
RCF	—	—	—	—	—	01	—	
EVERGREEN (P) LTD.	—	—	—	—	02	—	—	
BARC	—	—	—	02	—	—	—	
HPCL	—	—	—	—	—	04	—	
ICB TECHNIMONT	—	—	—	—	—	01	—	
GHARDA CHEMICALS LTD; RATNAGIRI	—	—	—	—	—	04	—	
E-SOFT TECH.	01	—	—	—	—	—	—	
ENERCON LTD.	—	—	—	—	—	02	—	
IPCA LAB.	—	—	—	—	—	01	—	
MAFATLAL GROUP, SURAT	—	—	—	—	—	01	—	
L&T LTD.	—	—	—	—	14	—	—	2011
GODREJ AND BOYCE	—	—	—	—	18	—	—	
PAM	—	—	—	—	02	—	—	
L&T-INFOTECH	01	—	—	—	—	—	—	
SIEMENS	—	—	—	—	—	—	—	
ONGC	—	—	03	—	—	—	—	

**The details of Companies/Industries, that visited the institute for placement of B.E. 2013 batch (year: 2012-13) students.**

Sr. No.	Name of Company	Sr. No.	Name of Company
1	TCS LTD.	2.	CAPGEMINI
3.	MORGAN STANLEY	4.	L&T LTD.
5.	GODREJ AND BOYCE	6.	IGATE-PATNI
7.	JP MORGAN CHASE-TECH	8.	TRES VISTA
9.	ACG-PAM (I) PVT. LTD.	10.	INDUS VALLEY
11.	EARNST AND YOUNG	12.	TIBCO.
13.	GAMES 24 X7	14.	GLOBAL E-PROCURE
15.	MUSIGMA	16.	MTEDUCARE
17.	ORACLE FINANCIAL	18.	DIEBOLD
19.	WORK PLACE	20.	SECLORE
21.	CORE SERVICES	22.	MICROSOFT
23.	SP CAPITALIQ	24.	COMPUTER SCIENCES CO.
25.	EDELWEISS	26.	HINDUSTAN UNILEVER LTD.
27.	JP MORGAN CHASE	28.	ZS ASSOCIATES
29.	MAQ	30.	L&T IES
31.	OCTANE	32.	DIAL HEALTH
33.	NEPA	34.	AMDOCS
35.	E-MEASUREMENTS	36.	ATOS ORIGIN

## Cut-off marks for admission (last 3 years) to First Year Engineering

Branch of Engineering	2012-13		2011-12		2010-11	
	Open	Gujarati Community Linguistic Minority	Open	Gujarati Community Linguistic Minority	Open	Gujarati Community Linguistic Minority
Chemical Engg.	114	113	116	97	109	107
Electronics Engg.	132	127	116	115	156	148
Production Engg.	116	117	104	101	128	117
Biomedical Engg.	58	77	82	79	85	96
Elex. & Telecom. Engg.	141	134	128	127	158	158
Information Technology	136	135	119	119	145	147
Computer Engg.	150	149	137	138	166	163
Mechanical Engg.	137	135	138	132	N.A.	N.A.

## Soft Skills Training

We provide for a strong foundation for the all round development of our students. To make our students corporate ready, the first year curriculum focuses on laying a foundation on the English Language Skills. During the Second year the training focuses on Self Management and People Skills which include programs on Personality Development, Presentation Skills, Goal Setting, Confidence Building Conflict Management, Inter-Personal Skills, Negotiation Skills, Team Building and Decision making. A pre-placement package in the final year focuses on Interview Skills, Group Discussions, Business Etiquettes and Work Ethics.

The management wishes that all our students take maximum benefit of this training. The Soft Skill Training is compulsory for all the students and a minimum of 75% attendance is required as applicable in other subjects as per the rules of University of Mumbai. Appropriate measures may be taken against those students whose attendance is below expectations.

## Processes in Academic Governance

### Faculty & Students

Formal and Informal meetings of faculty of department with Heads of Departments and with the Principal are regularly held. In addition, the LMC and the student council meets and makes suggestions to the Principal periodically.

#### Feedback :

The Student Council gives feed back on Governance issues in addition to the formal procedure for students' evaluation of faculty performance.

#### Grievance Redressal Mechanisms :

A Women Development Cell is formed to look after women (female staff and students) grievances, if any. The Governing Council and the Local Managing Committee takes care of staff and students grievances and Student Council of the college looks after student's problems.

## Students Activities & Additional Programmes

- During the academic year 2012-13, various departments in the college organized extra curricular activities for the students and staff under the auspices of various DJSCOE student chapters, namely ICh.E., IEEE, ISME, CSI, ACM and PACEMAKER. They organized various guest lectures, workshops, seminars, training programmes, industrial visits, etc. throughout the year.
- The college organized three intercollegiate festivals during the year, namely ‘**D.J. PULSE**’ (annual technical festival), ‘**PARICHAY 2013**’ (annual cultural festival) and ‘**IRIDESCENCE**’ 13’ (annual sports festival) during the year in addition to DJ Techfest, the annual technical exhibition.
- 2 teams of our students have won **1st & 3rd** Position under the U.G. Level category in the “**Avishkar 2012 – Research Convention**”, organized by the University of Mumbai in December 2012. In the P.G. Level category, our student secured **2nd Position** in the convention. These teams were selected to represent the University of Mumbai at the State Level Convention (Inter University) in Dapoli during the second week of January 2013.



Under U.G. Section, T.E. Electronics Engineering students namely, Deep Mistry, Kaushal Bhuva, Deepika Vira & Hinal Shah demonstrated project titled “**Staircase Climbing Wheelchair**” and stood **1<sup>st</sup> in the State**.

Under P.G. Section, Mr. Mayur V. Parulekar presented a project titled “**Intelligent Transportation Systems**” Hearty and stood **2<sup>nd</sup> in the State**.

- Four teams of our IT & Computer Engineering students were qualified for the onsite regional round for the prestigious ACM-ICPC Asia Regionals held at Amritpuri, during December 2012, out of which 3 teams secured **23rd rank, 60th rank and 69th rank** respectively.
- Our student Gaurav Deora of B.E. Computer Engineering received the ‘Best student Award’ as well as Deep Mistry, Kaushal Bhuva, Deepika Vira & Hinal Shah of B.E. Electronics Engineering received the **Best Project Award** sponsored by TCS during the year.
- T.E. Biomedical Engineering students namely, Parth Repe, Kevin Shah, Karthik Hariharan & Gururaj Masali Secured 2nd position for Project “Saline Level Detector” presented at “Launchpad-Business Plan Competition” at International Business Summit held in IIM Calcutta.
- The papers of following students of B.E. Biomedical Engineering were accepted for presentation at the National Conference on Biomedical Engineering “Malaysia 2012”:

1. “**Low Cost Solar Powered ECG**” - Parin Dhedia and Harsh Doshi

2. “**Effects of UP State on EPSP in Striatal Spiny Neurons**” - Agam Shah and Shivali Seth



- Chemical Engineering students Anshuman Rana, Yash Khandor & Soham Vakil Made “Working Model of Heat Exchanger” and secured 2nd prize at QUARK 2012" Annual National Techno-management festival of BITS Pilani, Goa, February 2012.

Around 51 research papers of our students are published in national journals, international journals and also in the proceedings of national & International conferences.

- Our students participated in various inter-collegiate cultural and sports competitions at various colleges and bagged top.

## Staff Achievements

Following faculty members presented Papers in various National & International Journals during the Academic Year 2012-13.

Name of Faculty	Journals	
	International	National
Dr. Hari Vasudevan	04	—
Dr. Abhijit R. Joshi	03	—
Dr. Amit A. Deshmukh	27	03
Dr. V. Ramesh	02	—
Dr.(Ms.) Manali J. Godse	01	01
Prof.Prasad S. Joshi	01	—
Prof. Narendra M. Shekokar	02	02
Dr. K.N. Vijaya kumar	02	—
Prof.(Ms.)Neepa Shah	04	02
Dr. S.H. Karamchandani	04	01
Prof. Sanjay Deshmukh	03	01
Prof.(Ms.) Rashmi Kumar	01	—
Prof.(Ms.) M.R. Rane	—	01
Prof. Ameya Kadam	03	03
Prof. (Ms.) Kriti Srivastava	01	—
Prof.(Ms.) Poonam Kadam	01	—
Prof.(Ms.) Purva Raut	02	—
Prof. (Ms.) Lakshmi Kurup	01	—
Prof.(Mrs.) Neha Mendjoge	01	—
Prof. Mayur Parulekar	07	—
Prof. Dharmesh Mistry	01	—
Prof.(Ms.) Ruhina B. Karani	01	—
Prof.(Ms.) Shivani Bhattacharjee	—	02
Prof.(Ms.)M.D'silva	02	—
Prof.(Ms.) Swarali Narvekar	01	—
Prof. (Ms.) Lynette Lopes	01	—
Prof. (Ms.) Stevina Dias	01	—
Prof. (Ms.) Sherrin Benjamin	01	—

In addition, many faculty members presented and published research papers in various conferences during the year and the details are given below.

Name of Faculty	Conference	
	International	National
Dr. Hari Vasudevan	08	02
Dr. Abhijit R. Joshi	01	—
Dr. Amit A. Deshmukh	04	10
Dr.(Ms.) Manali J. Godse	01	01
Prof.Prasad S. Joshi	01	—
Dr. K. N. Vijaykumar	01	17
Dr. (Ms.) Alpana Mahapatra	—	16
Prof.(Ms.) Mrinal H. Patwardhan	02	01
Prof. T. D Biradar	03	03
Prof. R. S. Khavekar	—	04
Prof.(Ms.) Meera Narvekar	04	01
Prof.(Ms.) M.R. Rane	02	—
Prof.(Ms.) Rashmi Ravikumar	02	01
Prof. Sanjay Deshmukh	03	06
Prof.(Ms.) V.A. Sonetha	01	—
Prof.(Ms.) Purva Raut	01	01
Prof.(Ms.) Anuja Odhekar	01	02
Prof. Rahul Taware	01	01
Prof. S.H. Mane	02	—
Prof. Mayur Parulekar	01	—
Prof.(Ms.) Kriti Srivastava	—	01
Prof. Harshal Dalvi	—	01
Prof.(Ms.) Shivali A. Kar	01	—
Prof.(Ms.) Ruhina B. Karani	01	—
Prof. Ramesh Rajguru	04	03
Prof. Naresh Deshpande	04	01
Prof.(Ms.) Shivani Bhattacharjee	—	01
Prof. Arjun Jaiswal	01	—
Prof.(Ms.) Swarali Narvekar	01	01
Prof.(Ms.) Priti Patki	01	01
Prof. Vyankatesh Bagal	—	02
Prof. Irfan Shaikh	—	01

## Conferences / Workshop / Seminar organized by College in the a. y. 2012 - 13

### (1) National Seminar-cum-Workshop :

In association with Indian Institute of Chemical Engineers (IICChE-MRC) & Indian Desalination Association (InDA) a National Seminar- cum-Workshop on 'Water and Energy: Sustainability and Security for Future Needs (WAVE 2012) was organised during 27th & 28th September 2012.

### (2) LabVIEW Training Program :

A course on "LabVIEW Software and its application in Image processing, Control Systems and Wireless Network" was conducted in the Electronics Department under the Research and Innovation Centre of the college from 9th to 6th July 2012. A total of 30 students have successfully completed the course. The course was organized by Prof. Mayur Parulekar, Assistant Professor of Electronics Engg. and conducted by Viraj Padte for select students of all departments of the college. The course has led to 6 projects taken up by students in different departments in LabVIEW.

### (3) "D J Spark 2013" :

Department of Electronics and Telecommunication Engineering of our institute organized the 2nd Annual Technical State Level Project Competition "D J Spark 2013" on the 12th April 2013. It included projects from undergraduate and post-graduates levels from many engineering colleges across Maharashtra. The main objective of this event was to provide the student a platform for sharing and presenting their Innovative ideas.

Total 70 projects were received from all over Maharashtra out of which following 31 had been selected for the final stage of competition:

- |  |  |
|--|--|
| 1 Fall Detection System for Elderly people using GSM an Accelerometer                              | - Urmi M., Monika P., Aneri S. and Mrinal Patwardhan               |
| 2 Hybrid Microstrip Couplers for GSM Applications  | - Jeetendra Ajwani, Ankur Desai, Bhavik Bajwa and Ameya Kadam      |
| 3 Smart Traffic Management System  | - Nikhil Dudani, Parth Gandhi and Tanaji Biradar                   |
| 4 Compressive Sensed Night Surveillance System   | - Usham dias   |
| 5 White Blood Cell Analysis using Automatic Thresholding and Active Contours                       | - S.R. Kinlekar  |
| 6 Tongue Controlled Wheelchair   | - Ushma Bharucha, Anuradha Paul, Prakruti Barot, Tejashree Bhosale |
| 7 Library Automation using RFID  | - Pooja Desai, Nikhita Giakwad and Nikhita Gaonkar                 |
| 8 Design of High Frequency band Pass Filter using Microstrip Transmission Line                     | - Mandar Kelkar, Dharmik Mehta, Dhruvil Modi and Ameya A. Kadam    |
| 9 Implementation of Ternary based Logic Gates  | - Virang Jhaveri, Shanay Kothari and Yash Jain                     |
| 10 Reimagined Touch-intuitive Interaction with PC  | - Nisarg kamdar and Vibhav Chitalia                                |
| 11 Terrain Based Speed Control using Image Processing  | - Ankit Nanavati, Ruchi Patel and Ankit Kandoi                     |
| 12 Social Network for smart Devices using Embedded Ethernet  | - Ketul Sheth, Shreya Shah, Darshan Shah and Anuja Odhekar         |
| 13 Navigation Aid for Blind  | - Vaibhav Dedhia, Sagar Shah, Akshay Jogani and Anuja Odhekar      |
| 14 SWAT HD – S (Search and Rescue) W (War and Defence) at (All Terrain) H (Humanoid) and D (Drone) | - Abhishek Jain, Kunal Nate, Kapil Patil and Tanmay Shinde         |
| 15 Rovaner for Home Automation   | - Harshad Kadam, Vikas Vishwakarma and Rishabh Panickar            |
| 16 Touch Screen based Dynamic Signature Verification   | - Mrunmayee Tayade, Jyoti Vasyani and Vidya Iyer                   |
| 17 Wireless Writing Board using ZigBee   | - Jiten Mehta, Gaurav Shetty, Nihal shetty and Sanjay Deshmukh     |
| 18 Self Balancing Robot  | - Rahul Chaturvedi, Mohit Lala and Aditya Deshmukh                 |
| 19 Bipedal Robotic Articulating Transport (BRAT)   | - Anurag Bansal, Jinay Mehta, Aman Shah and Vinayak Nayak          |
| 20 Smart Staircase Climbing Smart Wheelchair   | - Kaushal Bhuvra   |

- |  |  |
|--|--|
| 21 USB Data Acquisition System                             | - Krunal Chande, Prajit Nair, Prerak Dalal and Nikunj shah                 |
| 22 The Gesture Relicating Robotic Arm                      | - Sunil Karamchandani, Satyajit Sinari, Amrita Aurora and Dharmesh Ruparel |
| 23 Robotic Eye   | - Jenny Dedhiya, Nidhi Shroff, Pooja Shroff and Sunil Karamchandani        |
| 24 Polargraph Drawing Machine                              | - Sweta Singh, sinduja Babababu and Mitali Salvi                           |
| 25 Auto Text Summarization Tool                            | - Sagar Shah, Maître Savla, Forum Gandhi and Neepa Shah                    |
| 26 Gesture Controlled Robotic Arm                          | - Ravi M. Vanjara, krish Fura and Anokhi Desai                             |
| 27 Tele-eye to Secure IAAS (TSI)                           | - Sneha N. Dhinge, Aboli A Ugle and Monika R. Bankar                       |
| 28 Automated Library Arrangement System                    | - Saloni Desai, Umama Dabir, Sandhya Saravagi, Bhavik Shah                 |
| 29 Intelligent Home  | - Chirag M. Shah   |
| 30 Industrial Safety System using Power Line Communication | - Yugandhara M. Sherkar, Shalaka V. Walunjkar and Jyoti A. Wankhede        |
| 31 ACO based Routing Protocol for Wireless Sensor Network  | - Sudarshan D. Shirkande   |

## Admission Procedure

### F. E. ADMISSIONS

All the candidates desirous of taking admission to First Year Engineering in our college for the academic year 2013-14 should keep track of admission notifications and detailed procedure of admissions on our website: [www.djsce.ac.in](http://www.djsce.ac.in).

### **ELIGIBILITY**

Eligibility for both Open Category as well as Gujarati Linguistic Minority Category as declared in the brochure of MT-CET 2013 will be strictly followed.

### **Change of Marks due to verification :**

- If the marks in the qualifying examination are modified due to verification and the same is duly certified by the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent, the same shall be reported to the Principal immediately.
- However the effect of the change will be taken into consideration only for the subsequent rounds of admission.

### **MERIT LISTS**

Merit lists shall be displayed within 3-4 days on the college Notice Board and website after the last date of application. The candidates shall be considered for admission for the seats available as per detailed schedules of admission as notified on the College Notice Board. The candidates shall see the detailed schedules and the candidate who is desirous of seeking admission shall remain present as per schedule at his or her merit number and will be offered a seat as per his or her choice of preference from the spectrum of available seats at the point of his or her merit number. The candidates have to immediately accept and complete all formalities of admission, else the offer would be treated as rejected.

### **REPORTING AT THE COLLEGE :**

The candidates shall report personally to the college on the date and time indicated on the Notice Board with all original certificates for detailed scrutiny of their applications and subsequent offer of admission (if available at the merit number of the reporting candidate) according to inter se merit at their cost and risk.

In case, any candidate cannot report at the College personally at the scheduled date and time because of circumstances beyond his or her control, he/she may authorize some representative preferably a close relative to report at the college along with original certificates and necessary fees. A candidate



shall justify with reasons for not reporting personally by writing a letter to the Principal. The decision taken by the representative regarding selection of a course shall be binding on the candidate.

- a) After scrutiny of application, if the candidate is offered admission to any course, according to inter se merit and availability of seats, the candidates will have to pay the prescribed tuition fee immediately and secure the admission offered to him or her. If a candidate fails to pay the requisite tuition and other fees, the offer of admission made to him or her shall stand cancelled and the seat will be immediately offered to the next eligible candidate from the merit list.
- b) If any candidate fails to report in person or fails to depute authorized representative for scrutiny of his or her application and subsequent offer of admission according to inter se merit, at the time and date prescribed for him or her, he or she will forfeit claim for admission to any course available at that point of time and the seat will be offered to the next eligible candidate on the merit list.
- c) If a candidate reports to the College later than the time and date given, he or she shall be considered for admission against the seats available at that point of time. Similar procedure shall be followed for the candidates, who report with the modified marks after verification duly certified by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune.
- d) If a candidate does not take admission in any course available at the college according to his or her choice of preference and inter se merit, he or she will lose claim for that course at any later stage of admission.
- e) After the last date of admission is over, no claim for admission shall be entertained on any ground whatsoever and no transfers shall be effected after this in the college.

#### DOCUMENTS REQUIRED :

Application for admission will be summarily rejected without entering into any correspondence with the candidate:-

If it is not correctly filled in.

If it is not validated by the college office at or before the last hour and date prescribed.

If the candidates applying for Gujarati Community (Linguistic Minority) Quota do not produce the Affidavit.



Affidavit has to be on a stamped paper of Rs.100/- in the prescribed form made by the candidate or candidate's father/mother/guardian, as the case may be, affirming that the candidate belongs to the Gujarati Community (Linguistic Minority) (attested document only). Domicile certificate about the stay of the candidate in the state of Maharashtra by the competent authority.

Note: If the candidate has completed 18 years of age, he/she has to make the affidavit. If the candidate has not completed 18 years of age, the candidate's father/mother/guardian has to make the affidavit.

In addition to the affidavit, the candidate shall submit documentary evidence to prove that he/she belongs to the Gujarati Community (Linguistic Minority). For this purpose the candidate's Leaving Certificate (L.C.) of X or XII Std. Or similar evidence of his/her father/brother and unmarried sister in which there is mention of Gujarati as mother tongue or study of Gujarati language subject or the certificate from the Community is to be submitted.

If attested copies of the following documents do not accompany the application -

- (i) Statement of marks obtained at S.S.C. examination issued by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune or any such examination body.
- (ii) Statement of mark obtained at MT-CET 2013 issued by Competent Authority.
- (iii) Statement of marks obtained at qualifying examination issued by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune or any such examination body.
- (iv) School/Institution Leaving Certificate from the Principal/Head Master of the Institution last attended after qualifying examination or certificate from the Principal of the College where admission is already taken by the candidate.
- (v) Certificate of the Indian Nationality of the candidate.

### ORIGINAL CERTIFICATE/DOCUMENTS :

The original certificates/documents are required to be submitted for verification to the college office. If a candidate is offered admission, his or her original School/College Leaving Certificate (post-qualifying examination) and Statement of marks at the qualifying examination, SSC Mark-sheet, Statement of Marks MT-CET 2013 as also the Affidavit will be retained by the College at the time of effecting the admission.

These original certificates and the original affidavit will not be returned to any candidate once admitted to a course in the college unless the candidate cancels his or her admission. The original statement of marks will be returned only after the confirmation of enrollment by the University.

In case of admission, if already taken elsewhere :

If a candidate is unable to produce original certificates of (1)Statement of marks at qualifying examination and (2) School/ College Leaving Certificate, (3) SSC Mark-sheet and (4) MT-CET 2013 Score Card at the time of his or her admission on account of admission already secured to some other Institution, he or she shall produce a certificate from the Head of the Institution where he or she has already taken admission indicating that he or she has been admitted to a particular course in that

Institution on a particular date and hence original certificates have been retained in that Institution. The candidate shall produce the attested copies of these certificate duly attested by the Head of the concerned Institution.

The candidate who has submitted certificate from Head of the Institution as per Rule 7.3 shall be required to pay the tuition fee immediately at the time of admission. The candidate will have to submit the required original certificate to the college within a period of not more than four working days after date of payment of tuition fee. The candidate shall sign the undertaking to the effect. If he or she fails to submit the necessary certificates within the allowed time limit, the admission shall be treated as cancelled. Refund of fee shall not be applicable to such candidates.

### ELIGIBILITY CERTIFICATE

Candidates who have passed the qualifying examination other than the H.S.C. (Std. XII) examination of a Divisional Board of Maharashtra State Board of Secondary and Higher Secondary Education will be required to submit at least a provisional statement of eligibility from the Registrar, University of Mumbai, declaring them eligible for admission

to the First Year class of the B.E. Degree Course. The provisional statement of eligibility is issued to a candidate who is prima facie eligible for admission to the First Year class of the B.E. Degree course on his making and application in the prescribed form and payment of the prescribed fee.

### ATTESTATION :

The copies of certificates or documents attached to the application form should be attested by the Principal of College or Gazetted Officer or Head Master of Secondary School or teaching staff of a college not below the rank of an Assistant Professor, Original certificates/ documents should not be attached to the application except asked for.

### MODE OF PAYMENT :

The candidate who has been offered a seat in the college shall confirm his or her admission by paying the prescribed tuition fee in the form of a Demand Draft/ Pay Order/ Banker's Cheque of any scheduled bank at Mumbai. No other mode of payment shall be permitted. The Demand Draft/ Pay Order/ Banker's cheque should be drawn in favor of "The Principal, Dwarkadas J. Sanghvi College of Engineering." However, admission shall be considered as final only after Submission of necessary certificates/ documents within a period of not more than four working days after the date of payment of tuition fee.

**Refund of fees :** The rules of refund will be displayed on college notice board and website along with admission rules.

**AGE LIMIT :** There is no age limit for admission.



**CANCELLATION OF ADMISSION :**

If the candidate desires to cancel his or her admission for any reason whatsoever during the admission process he or she shall be allowed to do so and it shall be presumed that admission is cancelled at that stage. The rules of cancellation to be displayed on website/Notice Board shall be binding.

**ISSUE OF COLLEGE LEAVING CERTIFICATE :**

- (a) If during the course of studies, a candidate desires to discontinue studies for any reason whatsoever, he or she shall be allowed to do so and it shall be presumed that he or she has cancelled admission at that stage. The Principal shall issue the College Leaving Certificate and fees shall be refunded as per the rules at that point of time.
- (b) If the admission is cancelled on or before 20 days from the last date of reporting of CAP round, the original school or college leaving certificate on the strength of which a candidate was admitted shall be returned.
- (c) If the admission is cancelled on or before 20 days from the last date of reporting after first round, the leaving certificate from the institution where the candidate was finally admitted should be issued. A true copy of the original school or college leaving certificate retained by the institute may be issued, if requested by the candidate, duly attested by the Head of the Institute.

**MISCELLANEOUS :**

The medium of instruction for degree course in Engineering is English.

Admission of candidate in the college will be treated as finally confirmed only on submission of the Statement of Eligibility from the University of Mumbai.

**Physical fitness :** The Principal of the college may, at his discretion, refer any candidate to the appropriate medical authority for ascertaining the physical fitness of the candidate to undergo the requirements of the course. The report of medical authority shall be submitted to the Principal for further necessary action.

The Principal of the college may verify the antecedents of the candidate through the appropriate police authority. The report received from the police authority shall be submitted to the Principal for further necessary action.

**UNDERTAKING :**

All candidates who have applied for admission shall be deemed to have submitted the following undertaking :

I have read all the Rule of admission and, after understanding these rules thoroughly, I have filled in the application form for admission for the current year.

The information given by me in my application is true to the best of my knowledge and belief.

I have not been debarred from appearing at any examination held by any government constituted or statutory examination authority in India.

I fully understand that the offer of a course will be made to me depending on my inter se merit and availability of a seat at the time of scrutiny of my application when I will actually report to the College according to the schedule of admission.

I understand that no document after the last date of submission will be entertained for the purpose of claims or concessions etc. in connection with my admission unless otherwise mentioned in the rules.

I am fully aware that the College or its representative will not make any correspondence with me regarding admission.

I am also aware that it is entirely my responsibility to see the notices on the Notice Boards of the College.

I am aware that any rule imposed by the University such as imposing limits on the number of attempts permissible to pass any examination shall be binding on me.

I hereby agree to confirm to any Rules, Acts and Laws enforced by Government/ University and I hereby undertake that I will do nothing either inside or outside the College which may result in disciplinary action against me under these rules, acts and laws referred to.



I fully understand that the Principal of the College has the right to expel me from the college for any infringement of the rules of conduct and discipline prescribed from time to time by the college or University or Government and the undertaking given above.

Condition of Minimum Attendance: I am fully aware that I will not be allowed to appear for the examination if I do not attend minimum 75 per cent classes each of the theory, practicals, drawing, etc., I am also aware that I will not be allowed to appear for the examination, if I fail to submit satisfactorily all the assignments, jobs, journals, drawings, reports as specified by the University within the stipulated time limit.

I have consulted my parents/guardian while deciding the choice of preference of courses and no change will be requested later.

#### **FEES**

Interim fees, as approved by State fee Committee (Shikshan Shulka Samiti) for the Institution will be applicable for payment at the time of admission, which will be notified separately.

The final fees for the students to be admitted to the course in Academic Year 2013-14 may be modified subject to changes by Authorities. An undertaking to this effect will be obtained from the students/parents. These fees are payable annually, when notified, for the academic year.

The Estimated cost of Boarding and Lodging in Hostels is approx. Rs. 85,000/- per year for both boys and girls.

#### **Fee waivers / scholarship**

The government freeships and scholarship are available to our students as per government rules and guidelines. Concession in fees is given to children of SVKM employees to an extent of 25% of the total fees.

**SVKM President's Scholarship:** The President of SVKM has decided to offer 75% to 100% financial scholarships (i.e. fee waiver) to a maximum of upto 20 meritorious students admitted in the First Year every year since the academic year 2009-10 onwards for 4 years of their study, subject to their continued good academic performance. This is basically being done to encourage and motivate good students into joining our college. Accordingly, 29 such students (first year, second year & third year) were given such scholarship during the year 2011-12 and 33 students (first year, third year & final year) were given the scholarship during the year 2012-13.

**AICTE Tuition Fee Waiver Scheme:** This scheme is available as per rules.

#### **5½ YEAR (INTEGRATED) MASTER OF TECHNOLOGY MANAGEMENT(MTM) ADMISSIONS**

Students admitted in F.E. during the Academic Year 2013-14 will be eligible for taking admission into the MTM Course during the A.Y. 2014-15 (i.e., during the Second Year of their study).

(Pl. Note: These admissions will be done as per the guidelines of AICTE, DTE & University of Mumbai and students are required to refer to them for details).

#### **M. E. ADMISSIONS**

**FULL TIME – 2 Years M.E. Programme in  
Electronics & Telecommunication Engineering**

**Mechanical Engineering (Manufacturing Systems)**

**Computer Engineering**

**Eligibility :** As prescribed by the University of Mumbai

Reservation for Gujarati Community (Linguistic Minority) will be as per rules.

Note : The guidelines given by DTE have to be referred to by the candidates.

#### **S.E. DIRECT ADMISSIONS**

A student is directly admitted to the Second Year class of the B.E. Degree course in the different branches of Engineering as per guidelines issued by the Government of Maharashtra.

The guidelines by AICTE, DTE & University of Mumbai are also followed while admitting students (Diploma) directly into second year in respective branches.

Candidates are requested to follow necessary instructions given on the college website throughout the admission process.

**Eligibility :** As prescribed by the Regulatory Authorities.

Reservation : 50% seats are reserved for Gujarati speaking Linguistic Minority students. Remaining 50% seats are for open category students.

#### **Ph.D ADMISSIONS**

Admissions into Ph.D. Programs in **Electronics & Telecommunication Engineering** and **Mechanical Engineering** will be done as per the guidelines of University of Mumbai. Research scholars are required to wait for further instructions on the college website.

## Infrastructure



### COMPUTING & INTERNET FACILITIES

Number and Configuration of Systems - **112 (laptops)**

Total number of systems connected by LAN / WAN – 677

The College has 600+ Pentium Computers (Out of which 300 are i3 and 36 are i5) on LAN and 8 MBPS Line in addition to the ISDN Line. The entire campus is Wi-Fi Enabled.

Major software package available : All the required packages as per syllabus such as CAM, MATLAB, CAD (NX-6), IBM Rational seed, Ansys, etc. are available.

### GAMES AND SPORTS, EXTRA CURRICULAR AND SOFT SKILLS

Gymkhana is available for the students for the Indoor games and for the outdoor games. We hire the grounds on a continuous basis. A modern gymnasium, equipped with equipments and trainers, is also available for students. Student Council of the college organizes Cultural Festival-Parichay, Farewell Party, Fresher's Party, Teachers Day, SPIC-MACAY programmes, etc. for the students of this college at various



venues booked well in advance. In addition, SVKM also organizes events, where fashion show and choreographed dances, etc. are held wherein professionals are hired to train our students.

### BUILDING SPACE

40 (for U.G.) & 6 (for P.G.) Class-rooms of 66 sq. mtr. each and

9 Tutorial rooms of 36 sq.mtr. each

92 Laboratories of 66.59 sq.mtr. each

2 Drawing Halls of 150 sq.mtr. each.

A/C Seminal Halls of 1050 sq.mtr.

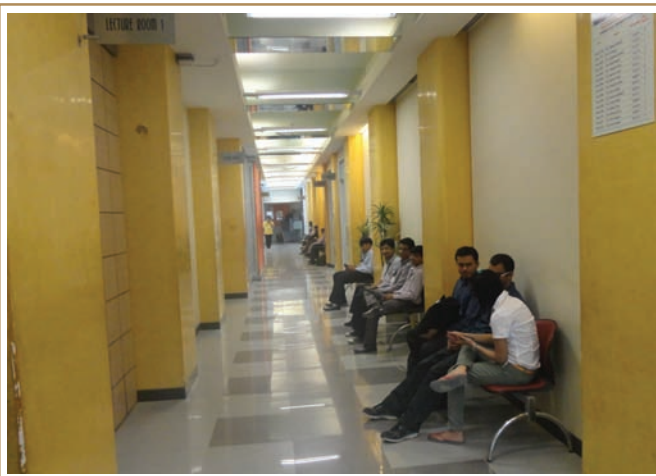
Conference Rooms of 100 sq.mtr.

3 Computer Centres of 150 sq.mtr. each.

2 Recreation Rooms

3 Auditoriums

Total built up area is 22862 sq.mt.



## Academic Team

<b>Dr. Hari Vasudevan</b> Principal	
<b>Prof. A. C. Daptardar</b> Vice-Principal (Administration)	<b>Dr. A. R. Joshi</b> Vice-Principal (Academic)
<b>Dr. (Mrs.) M. J. Godse</b> Controller of Examinations	<b>Prof. R. S. Khavekar</b> Training & Placement Officer

### APPLIED SCIENCE & HUMANITIES

#### F.E. Co-ordinator – Prof. A.C.Daptardar

Applied Mathematics	Applied Chemistry	Communication Skill	Applied Physics
Dr. R.Narasimhan	Dr. (Ms.) T. S. Paradkar	Prof. (Ms.) Shirley Mathew	Prof. A.C.Daptardar
Prof. S.T.Chaudhari	Prof. (Ms.) M.M.Rananaware	Prof. (Ms.) S.K.Rane	Dr. (Ms.) A.Datta
Prof. (Ms.) G.B.Pandya	Dr.(Ms.) S. A. Rege	Prof. (Ms.) Rajini Nallapaneni	Dr. (Mrs.) Ankita Banerji Jain
Prof.(Ms.) Manisha Keshab	Dr. Yogesh S. Parab*	Prof. Ram B. Patil	Dr. Santosh Bhaskaran
Prof.(Ms.) Kirti Agrawal	Dr. Megha Arya*	Dr.(Ms.) A.V. Samuel	
Prof.(Ms.) A. R. Banz			
Prof.(Ms.) Sonali Kulkarni			
Prof. Ramsagar B. Yadav*			

### CHEMICAL ENGINEERING

<b>Dr. V. Ramesh</b>	Dr. (Ms.) Alpana Mahapatra	Prof. Arvind Prasad	Dr.(Ms.) A.N.Tamaskar
<b>Professor &amp; HOD</b>	Prof.(Ms.) R. D.Karande	Prof. (Ms.) Rashmi Kumar	Prof. V.J. Shah
	Prof. P.G.Talwelkar	Prof. (Ms.) Miloni Kamdar	Prof. Shashikant Sankhe
	Prof. Sanjay D. Dalvi*		

### ELECTRONICS ENGINEERING

<b>Prof. P. S. Joshi</b>	Prof. Ritesh Singh	Prof. (Ms.) D.N.Sankhe	Prof. C.K.Beral
<b>Assoc. Professor &amp; HOD</b>	Prof. (Ms.) B.M.Soparkar	Prof. (Ms.) S.A. Kadam	Prof. M. V. Parulekar
	Prof. (Ms.) S.A. Kar	Prof. (Ms.) A. S. Gajarushi	Prof. V.A. Purohit
	Prof.(Ms.) Sheeja A. Nair	Prof. Inderjit Singh Dhanjal*	Prof.( Ms.)Aparna Vishwanath*
	Prof. Madur V. Dattaprasad*	Prof. Sandeep Banerjia	

#### Adjunct Faculty

### PRODUCTION ENGINEERING

<b>Dr. Hari Vasudevan,</b>	Prof. E.Narayanan	Prof. (Ms.) S.S. Satalkar	Prof. N.C.Deshpande
<b>Professor &amp; HOD</b>	<b>Mentor Professor</b>		
	Prof. S.R.Vaity	Prof. (Ms.) M.N. Gandhi	Prof. A.A.Samant
	Prof. P.V.Sreehari	Prof. S. H. Mane	Prof. M. S. Prajapati
	Prof.(Ms.) Trupti Markose	Prof. P. S. Yadav	Prof. Amit A. Chaudhari
	Prof.(Ms.) Amruta A. Rane*		

### BIOMEDICAL ENGINEERING

<b>Dr. (Mrs.) M. J. Godse</b>	Prof. V.P.Deodeshmukh	Prof. (Ms.) Rashmi Ravikumar	Prof. (Ms.) M.R.Rane
<b>Professor &amp; HOD</b>	Prof. (Ms.) V.A.Sonetha	Prof. (Ms.) M.S.Dandekar	Prof.(Ms.) P.A. Nanivadekar
	Prof. T. J. Patil	Prof.(Ms.) Shruti Savant	

**ELECTRONICS & TELECOMMUNICATION ENGINEERING**

<b>Dr. Amit A. Deshmukh</b> <b>Professor &amp; HOD</b>	Dr. Sunil Karamchandani	Prof. (Ms.) M.H.Patwardhan	Prof. (Ms.) V.V.Kelkar
	Prof. T.D.Biradar	Prof. (Ms.) Poonam Kadam	Prof.(Ms.)Shivani Bhattacharjee
	Prof. S.B.Deshmukh	Prof. R. S. Taware	Prof.(Ms.) Venkata A.P.Chavali
	Prof. (Ms.) A.A.Odhekar	Prof.(Ms.) Ranjushree Pal	Prof.(Ms.) Mrunalini E. Ingle*
	Prof. A. A. Kadam	Dr. Sunil Karamchandani	Prof. (Ms.) P.S. Patki
	Prof.(Ms.) S.S.Narvekar	Prof.(Ms.) Sonali Lagu	Prof.(Ms.) Neelam Phatak
	Prof.(Ms.) Amrita Tripathi	Prof. Tushar Sawant	Dr. Priyanka Desai*
	Prof. Pradeep Yadav	Prof.(Ms.) Pooja Jain	Prof.(Ms.) A. A.Chaudhari*
	Prof.(Ms.) Ankita Jain	Prof.( Ms.) Pragati Upadhyay*	Prof.( Ms. )Yukti Bandi*

**INFORMATION TECHNOLOGY**

<b>Dr. A. R. Joshi</b> <b>Professor &amp; HOD</b>	Prof. (Ms.) N.K.Shah	Prof. (Ms.) V.M.Sawant	Prof. (Ms.) Kriti Srivastava
	Prof.(Ms.) P. P. Raut	Prof. (Ms.) N. A. Kodre	Prof. H.D.Dalvi
	Prof.(Ms.) A .P. Nagare	Prof. Arjun Jaiswal	Prof.(Ms.) Stevina M. Dias
	Prof.(Ms.) S.B. Jacob	Prof.(Ms.) Mitchell D'Silva	Prof.( Ms.) Ausha Vegesna*
	Prof.( Ms.) Deepti B. Shelar*	Prof.( Ms.) Artika Singh*	Prof.( Ms.) Sanam Kadge*
	Prof.( Ms.) Ankita R. Karia*	Prof.( Ms.) Debarati Ghosal*	

**COMPUTER ENGINEERING**

<b>Dr. N. M. Shekoker</b> <b>Professor &amp; HOD</b>	Prof. (Ms.) M. M.Narvekar	Prof. (Ms.) A.U.Gawade	Prof. (Ms.) Kiran Bhowmick
	Prof. H.G.Narula	Prof. (Ms.) K. P. Deulkar	Prof. (Ms.) L.D.Kurup
	Prof. A.P.Patade	Prof.(Ms.) C. S. Bhadane	Dr. Mitun Bhattacharyya
	Prof. P.H. Paranjape	Prof.(Ms.) Darshana Desai	Prof. D. M. Mistry
	Prof.(Ms.) L. J. Lopes	Prof.(Ms.) R. B. Karani*	Prof.(Ms.) Aparna Halbe
	Prof.(Ms.) Hiral Modi	Prof.( Ms.) Sindhu K. Nair*	Prof.( Ms.) Pranjali S. Thakre*
	Prof. Darshan A. Ingle*	Prof.( Ms.) Swati V Narwane*	Prof.( Ms.) Subhashree Sweet*
	Prof.( Ms.) N. A. Kulkarni*	Prof.( Ms.) Nancy R. Rawal*	Prof.( Ms.) Mandal Nabanita*

**MECHANICAL ENGINEERING**

<b>Dr. K. N. Vijaya Kumar</b> <b>Professor &amp; HOD</b>	Prof. P. S. Shirodkar	Prof. Irfan M. Shaikh	Prof. Rajnaryanan Yadav
	Prof. V. U. Bagal	Prof. R. R. Rajguru	Prof. Annasaheb H. Jagtap*
	Dr. Kashinath Nimba Patil*	Prof. Frank P. Crasta*	Prof. Dhaval B. Jinadatt*
	Prof.( Ms.) S. V. Kadwadkar*		

**VISITING FACULTY**

<b>Chemical Engineering</b>	<b>Production Engineering</b>	<b>Biomedical Engineering</b>	<b>Information Technology/ EXTC / Computer Engineering</b>
1. Dr. A. Jhaveri	3. Prof. Manish Nadkarni	6. Dr. Y.R.Desai	9. Prof. Sreejith Pillai
2. Prof. Abhjit Kamat	4. Prof. Mehul Mehta	7. Prof. A.N.Shastrri	10. Prof. Smita Joshipura
	5. Prof. K.P.Chandramohan	8. Prof. S.S.Jariwala	11. Mr. M.V. Joshi
			12. Mr. D.D. Ambavade

\*Recruited & expected to join as full-time faculty member from July 2013.

Permanent Faculty : Student Ratio - 1:15



## Governing Bodies

Shri Vile Parle Kelavani Mandal's

### DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

<p><b>Dr. Hari Vasudevan</b> Principal Plot No. U-15, J.V.P.D. Scheme, Bhaktivedanta Swami Marg, Vile Parle (W), Mumbai – 400 056 022-26107010 / 26107461 022-26194988 (fax) principal@djscoe.org.</p>	<p>Affiliated to: <b>The University of Mumbai</b> Mahatma Gandhi Road, Fort, Mumbai. 400 032 22652819 22652832(fax)</p>
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## Governing Council of the College

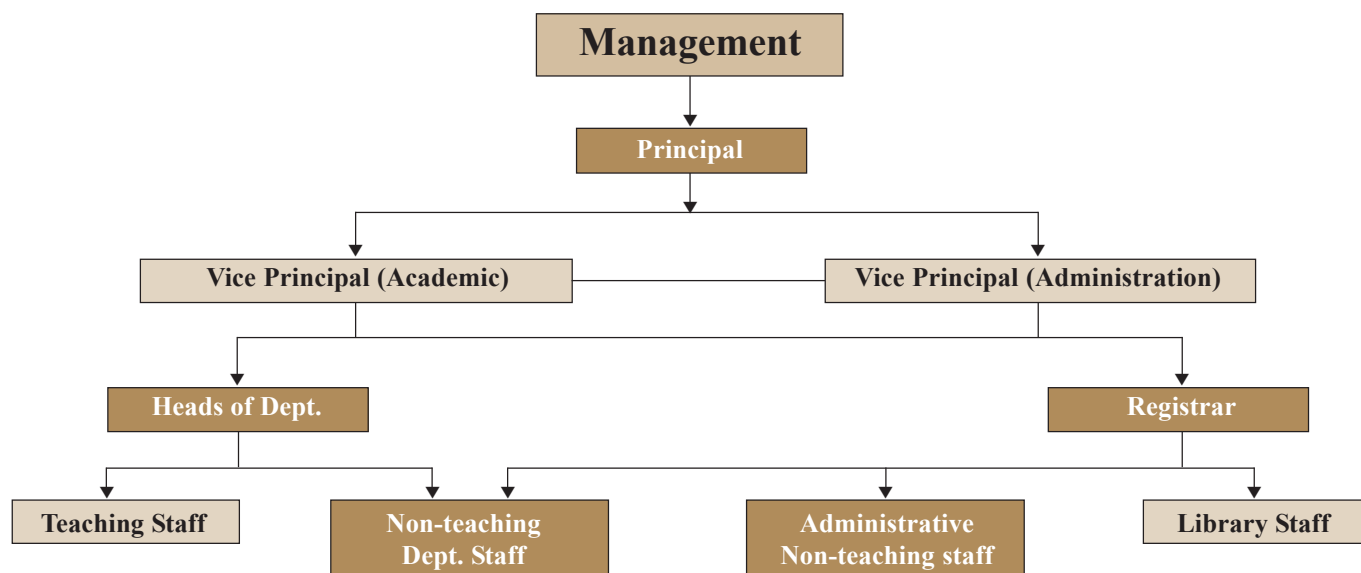
Sl. No.	Name
<b>Nominees of Shri Vile Parle Kelavani Mandal :</b>	
1.	<b>Shri Bharat M. Sanghvi, Chairman</b> M. D., Automotive Manufacturers Pvt. Ltd. Trustee, SVKM.
2.	<b>Dr. R. Natarajan, Member,</b> Ex-Director, IIT-Madras & Ex-Chairman, AICTE
3.	<b>Shri Dwirek K. Raj, Member,</b> Chairman & MD of Precision Taps & Dies Pvt. Ltd., Pacific Forging & Fasters Pvt. Ltd., and Sarmon Fasters Pvt. Ltd., and Director of many companies.
4.	<b>Shri Paresh J. Mehta, Member,</b> Proprietor of Jasma Engineering. Committee Member of EEPC. Founder President of Lallubhai Park Residence.
5.	<b>Shri Amit Mehta, Member,</b> Founder Director, Janak Healthcare Pvt. Ltd.
6.	<b>Shri R. Janardhanan, Member</b>
7.	<b>Shri A. K. Shukla, Member,</b> Regional Officer and Member Secretary of WRC, AICTE.
<b>An Industrialist/Rechnologist/Educationist from the Region as nominees of the AICTE :</b>	
8.	<b>Shri Hemant Sonawala, Member,</b> Chairman, Hinditron Group of Companies, Digital Equipment (India) Ltd. (Compaq Group) and Neta Cross Ltd.
9.	<b>Shri Pravin H. Doshi, Member,</b> Chairman, ACMEY Group of Companies.
10.	<b>Shri Ashok N. Shah, Member,</b> Investment Manager, Power Master Engineers Ltd., Trustee of V. N. Shah Educational & Charitable Trust and R. L. Shah Educational & Charitable Trust.
<b>Nominees of the Affiliating Body/University/State Board of Technical Education :</b>	
11.	<b>To be Nominated</b>
<b>Nominees of the State Government - Director of Technical Education (Ex-Officio) :</b>	
12.	<b>Dr. S. K. Mahajan, Member,</b> Director, Directorate of Technical Education, Maharashtra State
<b>Technologist from the Western Region nominated by the State Govt. :</b>	
13.	<b>Shri Atul C. Choksey, Member,</b> Chairman, Apeon Group of Companies
<b>Principal of the College :</b>	
14.	<b>Dr. Hari Vasudevan, Member-Secretary</b>

## Local Managing Committee of the College

Sl. No.	Name	Designation
<b>Nominee of Shri Vile Parle Kelavani Mandal :</b>		
1.	Shri Bharat M. Sanghvi	Chairman
2.	Dr. J. P. Gandhi	Member
3.	Shri Ajoy David	Member
4.	Dr. M. N. Welling	Member
5.	Shri Asoke Basak	Member
6.	Shri Anil K. Bapat	Member
<b>Teachers elected by the teachers of the college :</b>		
7.	Dr. (Mrs.) Alpana Mahapatra	Member
8.	Shri Arvind Prasad	Member
9.	Dr. (Mrs.) Aparna Tamaskar	Member
<b>Non-teaching employee elected by the non-teaching employees of the college :</b>		
10.	Shri Mangesh Devrukhkar	Member
<b>Principal of the College :</b>		
11.	Dr. Hari Vasudevan	Member-Secretary

Both Governing Council and LMC meet at least twice every year.

## Organizational Chart and Processes



Principal is the academic and administrative head of the college assisted by Vice Principals, Heads of Departments and Registrar.

# Shri Vile Parle Kelavani Mandal

## MANAGING COMMITTEE

**Shri Patel Amrish R.**  
*President*

**Shri Gandhi Pravin V.**  
*Vice President*

**Shri Sheth Balwantraai P.**  
*Vice President & Trustee*

**Shri Divatia Sunandan R.**  
*Honorary Secretary*

**Dr. Gandhi Jayant P.**  
*Honorary Joint Secretary*

**Shri Bhayani Utpal H.**  
*Honorary Treasurer*

## MEMBERS

Shri Sanghvi Bharat M.	Shri Patel Bhargav N.
Shri Bhatt Bhupen G.	Shri Patel Bhupesh R.
Shri Patel Chintan A.	Shri Chitalia Harit H.
Shri Patel Harihar R.	Shri Kawa Harshad B.
Shri Shah Harshad H.	Shri Killawala Jagat A.
Shri Parikh Jagdish B.	Shri Choksi Jayesh P.
Shri Gandhi Jayesh R.	Shri Mehta Kirit P.
Shri Gandhi Krishnakumar D.	Shri Patel Maherdas J.
Smt. Mehta Minaxi K.	Shri Patel Mukesh H.
Shri Sheth Naresh K.	Shri Patel Nayan M.
Shri Mehta Nimir K.	Shri Patel Pratapchandra B.
Shri Doshi Pravin H.	Shri Shah Pruthviraj C.
Shri Shah Rajendra K.	Dr. Jani Rajesh L.
Shri Bhandari Rajgopal C.	Shri Desai Sanjay A.
Shri Divatia Shalin S.	Shri Bhatt Shantilal P.
Smt. Parekh Sneha A.	Shri Patel Tapan M.
Shri Ayyar TNV	Shri Mehta Tushar H.
Shri Parekh Vamanrai V.	Shri Dudeja Ved Prakash K.
Shri Goradia Vinod M.	Shri Patel Vinod M.
Shri Vaidya Vivek C	

## Shri Vile Parle Kelavani Mandal

### EXECUTIVE COMMITTEE

**Shri Patel Amrish R.**  
*President*

**Shri Gandhi Pravin V.**  
*Vice President*

**Shri Sheth Balwantraai P.**  
*Vice President & Trustee*

**Shri Divatia Sunandan R.**  
*Honorary Secretary*

**Dr. Gandhi Jayant P.**  
*Honorary Joint Secretary*

**Shri Bhayani Utpal H.**  
*Honorary Treasurer*

### MEMBERS

Shri Pandit Anand K.	Shri Sanghvi Balkrishna D.
Shri Sanghvi Bharat M.	Shri Patel Bhargav N.
Shri Patel Bhupesh R.	Shri Bafna Bhupesh P.
Shri Shanghvi Chandrakant T.	Shri Patel Chintan A.
Shri Patel Harihar R.	Shri Chitalia Harit H.
Shri Kawa Harshad B.	Shri Shah Harshad H.
Shri Killawala Jagat A.	Shri Parikh Jagdish B.
Shri Thacker Jairaj C.	Shri Choksi Jayesh P.
Shri K. Raja Gopalachari	Shri Mehta Kirit P.
Shri Patel Maherdas J.	Shri Sanghvi Rajiv M.
Smt. Gupta Manju D.	Shri Patel Mukesh H.
Shri Sheth Naresh K.	Shri Patel Nayan M.
Shri Patel Pratapchandra B.	Shri Doshi Pravin H.
Shri Shah Rajendra K.	Shri Shah Pruthviraj C.
Shri Bhandari Rajgopal C.	Shri Ajmera Rajnikant S.
Shri Desai Sanjay A.	Smt. Doshi Sarla H.
Smt. Rao Saroj	Shri Patel Shailesh M.
Smt. Parekh Sneha A.	Shri Dalal Sunil N.
Shri Patel Tapan M.	Shri Ayyar TNV
Shri Mehta Tushar H.	Shri Gandhi Vasantryai D.
Shri Dudeja Ved Prakash	Shri Goenka Vinod K.
Shri Goradia Vinod M.	Shri Patel Vinod M.
Shri Vaidya Vivek C.	Smt. Chauhan Zainab R.
Shri Basak Asoke	Shri Awate Mohan
Shri Bapat Anil K.	Shri Mohile Nilesh M.

### SPECIAL INVITEES

Shri Golwala Deepak

Shri Chinai Jai

Shri Shah Rajesh V.

Shri Divatia Shalin S.





**SVKM's**  
**DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**



Plot No. U-15, J.V.P.D Scheme, Bhaktivedanta Swami Marg,  
Vile Parle (West), Mumbai 400 056.  
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For General Information : [djscoe@djscoe.org](mailto:djscoe@djscoe.org)  
For Admission Related Queries : [info@djsce.ac.in](mailto:info@djsce.ac.in) / [info@djscoe.org](mailto:info@djscoe.org)