

Detailed Project Report (DPR)

**For establishment of
(New Technical Institution)**

SVKM'S NMIMS
Deemed to be **UNIVERSITY**

**SVKM'S NMIMS DEEMED
TO BE UNIVERSITY,
DHULE**

Survey no 499/1 to 4 A-1 and S. No 499/1 to A 4/2-2,
Plot no. 1, Behind Gurudwara,
Mumbai –Agra Road Highway,
Dhule 424005

April, 2023

Appendix 11: Detailed Project Report (DPR) for establishment of SVKM'S NMIMS Deemed to be University, Dhule (a New Technical Institution)

11.1 Preamble

11.1.1 Introduction of the Trust:

Shri Vile Parle Kelavani Mandal (SVKM) is a public charitable trust and a society. It has been in existence for over 75 years. The trust has the objective of catering to the educational needs of the society. The trust is the parent management body having more than 30 institutes offering education from Nursery level to Post Graduation and Doctorate levels. There are schools, colleges and NMIMS Deemed to be University, established under UGC act.

SVKM'S NMIMS started with baby steps in 1981, it has today emerged as a globally reputed university. Always socially conscious, Shri Vile Parle Kelavani Mandal (SVKM) made the decision to cater to the rising demand of management institutes in the country. This led to the birth of the "Narsee Monjee Institute of Management Studies (NMIMS)". It began humbly by offering two-year full-time master's programme in management studies with 4 full time faculties, 3162 books and an intake of 40 students above Bhaidas Hall, Vile Parle (West), Mumbai.

From its temporary location at Bhaidas auditorium, NMIMS moved to a large complex of over 5,50,000 Sq. feet where it stands today as a landmark in the heart of Mumbai at Vile Parle, an affluent suburb of the city.

Built on this inspiring legacy, today, NMIMS stands proud as a Deemed to be University offering multiple disciplines across multiple campuses. What started as an institute in a small building has caught the attention of the world, thanks to their 17 specialized schools. More than 17000 students and about 750 full-time faculty members, 10 faculty members with Fulbright Scholarship and Humboldt International Scholarship for post-doctoral researchers are part of India's most sought after academic community. The consistent academic quality, research focus, faculty from top national and global institutes and strong industry linkages at NMIMS have placed it amongst the nation's prime centers of educational excellence and research today.

The trust is headed by Shri Amrishbhai Patel MLC, Maharashtra, a former Minister of

Education, Maharashtra and a visionary personality dedicated to education who has taken the trust and its activities to level of international standards.

11.1.2 Background of the Consultants:

No consultant has been engaged for the documentation pertaining to establishment of SVKM'S NMIMS Deemed to be UNIVERSITY, Dhule.

11.1.3 Technical Education and Industry Scenario:

The number of engineering colleges offering degree courses in Maharashtra is increasing rapidly to cope with the growing demand for technically skilled people due to rapid industrialization and infrastructure development in the state and the country. Technical field – engineering – is becoming more important due the high demand of professionals. Technology is changing every day, one needs to analyze, do research work on changing technologies and find more advanced and sophisticated process that contributes to social-economic growth of the nation and industry. Today is the world of Computers, Electronics, Telecommunications and Data Science. Almost every type of work is done with the help of Computers and complex Electronic Machines. There is a growing need for experts who have thorough knowledge in the field of Computer Science, Electronics & Telecommunication Engineering, Electronics Engineering & Data Sciences, etc. The demand of such professionals can be achieved by under graduate programs which should be prepared with the view aimed at industry applications. Research and development can be improvised by creating skilled and practical oriented professionals. Such professionals can be effective only if they themselves have gone through the post graduate program in their respective technical field.

Mumbai, Navi-Mumbai, Thane and Kalyan-Dombivali are among the ten cities from Maharashtra selected for development as smart cities with other cities selected are Pune-Pimpri-Chinchwad, Nashik, Amravati, Solapur, Nagpur, and Aurangabad. Nearly US\$ 1.2 billion have been allocated for smart cities, US\$ 83 million for Digital India Initiative, PPP Model to be used to upgrade infrastructure in 500 urban areas, Smart City projects to create 10-15% rise in employment, and Ministry of Urban Development has plans to develop 2 smart cities in each of India's 29 states.

Recently, Big projects in the fields of Semiconductors, Processors, Telecommunication have been signed by Large Companies like, Foxconn, Google, Apple, Amazon and Microsoft, etc. They have agreed to invest more than Six Lakh Crores INR in Maharashtra and other States like Gujarat, Uttar Pradesh, etc. This mega projects will attract and require professionals from the field of IT, Telecomm, Computer, Data Science and Electronics leaving wide scope for technical professionals. Sources say that more than 01 Crore job opportunities will be generated in the Maharashtra itself in coming 04-05 Years. The number of colleges offering technical program are far less as to count on fingers in Khandesh which is relatively less developed part of Maharashtra. As the technical education program in Maharashtra is gaining momentum; rural part of the state should also be taken into consideration for the same. For future development, private engineering colleges should come up to develop rural talent and have a set up in the rural part, as 70% population comes from rural area. To meet industry needs as per Government's plan as above, rural part must be technically educated. Engineering Education in rural area will be a major key to the state's success in developing and generating technical professionals quantitatively as well as qualitatively and to contribute to the socio-economy status of the state.

11.2 The Promoting Body

Shri Vile Parle Kelavani Mandal is a registered trust under the Societies' Registration Act, 1860 (No. 733 of 1934-35) and the Bombay Public Trust Act, 1950 (No. F - 30 (Bom.) 1953) having its office at 10th floor, SVKM's NMIMS New building, V.L. Mehta Marg, Juhu Scheme, Vile Parle West, Mumbai 400 056.

11.2.1 Introduction to its Genesis including its Registration Status

Registration numbers of the Shri Vile Parle Kelavani Mandal Trust (SVKM) are

- The Societies Registration Act XXI of 1960 No. 773 of 1934-35 and
- The Bombay Public Trusts Act, 1950 (Bombay XXIX of 1950) No. F 30 (BOM) 1953.

The sole objective of the Trust is to promote education. The Trust is a charitable not-for-profit organization. Today SVKM is a household name in the field of education that symbolizes quality education. Over the years the trust has been providing many educational programs through its various institutions. There are more than 30 educational institutions operated by the trust, comprising of schools and colleges –

covering studies in Arts, Science, Engineering, Pharmacy, Law, Management, Technology, etc. The affairs of the trust are governed by an elected Managing Committee.

Fact File of SVKM

1. Name of the Trust : Shri Vile Parle Kelavani Mandal
(SVKM)
2. Address : 10th floor, SVKM's NMIMS New
building, V.L. Mehta Marg, Juhu Scheme,
Vile Parle (W), Mumbai 400 056
3. Certificate of Registration as a Trust : F30(BOM)1953 Bombay Public Trust Act
1950
4. Certificate of Registration as a Society: 733 of 1934-35 Societies Registration
Act 1860
5. Constitution : A Registered Public Charitable Trust
6. Telephone Number : +91-22-4219 9999
7. Fax Number : +91-22-2613 3400
8. Website : www.svkm.ac.in
9. Activity of the Trust : Education and Not for profit activities

11.2.2 Details of its Promoters including their Background

The Managing Committee consists of prominent citizens, mainly from Juhu, Vile Parle area. It is a mix of industrialists, businessmen and professionals from various fields like accounting, law, medicine, education etc. Prominent citizens are also members of the committee.

No.	Name	Designation
1.	Shri Amrish R. Patel	President
2.	Shri Bhupesh R. Patel	Jt. President
3.	Shri Bharat M. Sanghvi	Vice President
4.	Shri Chintan A. Patel	Vice President
5.	Shri. Amit B Sheth	Hon. Secretary
6.	Shri Jayant P. Gandhi	Hon. Jt. Secretary
7.	Shri Shalin S. Divatia	Hon. Jt. Secretary
8.	Shri Harshad H. Shah	Hon. Treasurer
9.	Shri Harit H. Chitalia	Hon. Jt. Treasurer
10.	Shri. Jagdish B. Parakh	Hon. Jt. Treasurer

Managing Committee

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

Executive Committee

Shri Amrish R. Patel	Shri Bhupesh R. Patel	Shri Bharat M. Sanghvi
Shri Chintan A. Patel	Shri Sunandan R. Divatia	Dr. Jayant P. Gandhi
Shri Shalin S. Divatia	Shri Harshad H. Shah	Shri Harit H. Chitalia
Shri Jagdish B. Parikh	Shri. Amit B Sheth	Shri Amit Desai
Shri. Ankit Parekh	Shri Anand K. Pandit	Shri Ashwin Dani
Shri Bhargav N. Patel	Shri Bhupesh P. Bafna	Shri Girish S. Mehta
Shri Harshad B. Kawa	Shri. Harish J Patel	Shri Jagat A. Killawala
Shri Jagdish B. Parikh	Shri Jairaj C. Thacker	Shri Jayesh P. Choksi
Smt. Jayshree A Patel	Shri Jesus Lall	Shri Kirit P. Mehta
Smt. Ketki M Patel	Smt. Kruti B Patel	Shri Maherdas J. Patel
Smt. Manju D. Gupta	Shri Mukesh A. Shah	Shri Mukesh H. Patel
Shri Mukul P Patel	Shri Naresh K. Sheth	Shri Nayan M. Patel
Shri Nimir K. Mehta	Shri Pruthviraj C. Shah	Shri Pravin H Doshi
Shri Rajendra K. Shah	Shri Rajgopal C. Bhandari	Shri Ranjeet Dudeja
Shri Rajiv M. Sanghvi	Shri Rajnikant S. Ajmera	Shri Sanjay A. Desai
Smt. Sarla H. Doshi	Smt. Saroj Rao	Shri Shailesh M. Patel
Smt. Sneha A. Parekh	Shri Sunil N. Dalal	Shri TNV Ayyar
Shri Tushar H. Mehta	Shri Vasantraai D. Gandhi	Shri Vijay I. Patel
Shri Vinod K. Goenka	Shri Vinod M. Goradia	Shri Vinod M. Patel
Shri Vivek C. Vaidya	Smt. Zainab R. Chauhan	Shri Asoke Basak
Shri Mohan Awate	Shri Anil K. Bapat	Shri Nilesh M. Mohile
Shri Deepak Golwala (Spl.	Shri Jai Chinai (Spl. Invitee)	Shri Rajesh V. Shah (Spl.

11.2.3 Activities of the Promoting Body including a listing of major educational promotion activities undertaken by it in the past:

The Trust governs more than 30 institutions which are spread across Mumbai, Shirpur, Chandigarh, Hyderabad, Indore and Bengaluru. The total number of

students across the SVKM group of institutions are about 40,000.

The SVKM family has 33 institutions under its umbrella as under:

University	01
Colleges/professional Institutions	13
Polytechnic	01
Schools	06
Other Institutions	12

Some of the well-known institutions in the SVKM'S family are listed below:

❖ **University:** SVKM's NMIMS Deemed to be University.

❖ **Post Graduate/Specialized Programs:**

- Jitendra Chauhan College of Law
- C.B. Patel Research Centre for Chemistry & Biological Sciences
- Institute of Intellectual Property Rights
- Harkisan Mehta Foundation Institute of Journalism and Mass Communication

❖ **College/Professional Institutions :**

- Mithibai College of Arts, Chauhan Institute of Science & A.J. College of Commerce
- Narsee Monjee College of Commerce & Economics
- Dwarkadas J. Saghvi College of Engineering
- Acharya Ambalal V. Patel Junior College
- Usha Pravin Gandhi College of Management
- Dr. Bhanuben Nanavati College of Pharmacy
- SVKM's College of Law
- SVKM's College Diploma in Pharmacy
- SVKM's Institute of International Studies
- Chauhan Junior College of Arts & Science
- Narsee Monjee Junior College of Commerce

11.2.4 Mission of Promoting Body:

Our mission is to provide industry ready and socially sensitive holistic engineers with excellence that will be able to add the value to themselves, their family, their place or work as well as to the country under all conditions recession or prosperity with equal ease nurtured on the learning and adaptability based on a perfect blend of technical expertise.

11.2.5 Vision of the Promoting Body:

To become one of the top technical institutes which will be globally recognized as a centre of excellence in contemporary engineering environment with focus in nurturing and developing a sustainable techno-economic growth of the society.

11.3 Objectives and Scope of the Proposed Institution

11.3.1 Objectives of the Institution:

- To become one of the top technical institutes.
- To be globally recognized as a Centre of excellence in contemporary engineering environment with focus in nurturing and developing ethos, values and practices.
- To provide industry ready and socially sensitive holistic engineers with excellence who will be able to add value to themselves, their family, their place or work as well as to the country under all conditions, recession or prosperity with equal ease
- To make an Institute which will be known globally as a center of research and development in the field of engineering.

11.3.2 General and Technical Education Scenario of the State:

•	Central University	01
•	Institute of National Importance	03
•	State public Universities	19
•	State Open Universities	01
•	Deemed Universities (Government)	07
•	Deemed Universities (Government aided)	02
•	Deemed Universities (Private)	12
•	Colleges per lac population	35

The recent government efforts like 'Make in India', 'Digitalization', 'Smart cities' and "Atmanirbhar Bharat" as well as global and economic growth needs large amount of technically sound manpower. Hands-on training being a mandatory requirement for all such activities stated above, engineering education has become the main stimulant for achieving the targets. The number of skilled graduates passing through technical institutions is much less than what it is expected in the coming years.

Cities like Mumbai or Pune are potential smart cities and Centre of India's startups and growth stories. Relatively less developed regions like Khandesh has a tremendous scope of industrial growth. SVKM as a trust has been in the fore front of education in Mumbai and now wishes to continue this legacy in Khandesh region.

11.3.3 Status at Entry Level

- Students after HSC with minimum marks as per the norms stipulated by DTE / AICTE
- Students after 3 years Diploma in Polytechnic in relevant branch.

11.3.4 Status of Technical Level manpower

Skills and knowledge are the engines of economic growth and social development of any country. Technical Education plays a vital role in human resource as countries with higher and better levels of knowledge and skills respond more effectively, therefore it is instrumental in contributing to economic growth of the country by way of suitable manpower production according to the needs of the Industry, Society and the Global World as a whole. Producing skilled manpower/knowledgeable technocrats is the need of the hour and Engineering education has responded to this challenge for self-reliance.

Technical Education covers courses and programs in engineering, technology, management, architecture, town planning, pharmacy, applied arts & crafts and hotel management & catering technology. India's general, technical capabilities are at par with the world best and a population of about 70 percent below the age of 35 years.

With such a large young, vibrant and dynamic population India is seriously handicapped with a very weak and narrow knowledge base, with 12.3% gross enrolment ratio, which is almost half when compared with other countries especially China. There is a dire need to expand opportunities for youngsters in field of technology and engineering and this is only possible with reforms in the higher and technical education sector.

The technical education system in India can be broadly classified into three categories – Central Government funded institutions, State Government/State funded institutions & Self-financed institutions. There are 60 centrally funded institution of technical education like 13 IITs, 7 IIMs, IISc Bangalore, 5 IISERs, 20 NITs, 4 IIITs, NITTTRs, etc.

At a higher level, the technical education in India produces a labor force through a three-tier system — graduate and postgraduate level specialists (e.g. Indian Institutes of Technology (IIT) and engineering colleges) trained as engineers and technologists; diploma-level graduates, who are trained in polytechnics as technicians and supervisors; and certificate-level craft people trained.

The government of India in recent years has laid a lot of emphasis on streamlining technical education so that it fulfills the emerging need of the market by focusing on employability skills.

At present the capacity of skill development in India is around 3.1 million persons per year. The current year estimates an increase in that capacity to 15 million annually. India has a target of creating 500 million skilled workers by 2027. Thus, there is a need for increasing capacity and capability of skill development programs. Skill development initiatives support employment generation, economic growth and social development process.

11.3.5 Industrial Scenario of the State

- 30% of India's export is from the state of Maharashtra.
- BSE, NSE, RBI, etc. are located in the state.
- Growth rate of 7.1% for the last decade.
- Ranked best among major Indian States in World Bank's Investment Climate Assessment Surveys.
- Contributes 22% of India's net value added in organized industrial sector,
- Make in India program of Maharashtra state has resulted in attracting investments worth \$ 43 billion (Over Rs. 3.5 Lakh Crores).

The state is a premium state in the country and one of the leading Centre of marketing, finance and manufacturing in the entire APAC region.

11.3.6 Scope of the College vis-à-vis the Industrial Scenario and Educational Facilities already available in the State

The number of colleges offering technical program are less as to count on fingers in Khandesh which is relatively less developed part of Maharashtra. As the technical

education program in Maharashtra is gaining momentum; rural part of the state should also be taken into consideration for the same. For future development, private engineering colleges should come up to develop rural talent and have a set up in the rural part as 70% population of the state belongs to rural region. To meet industry's need as per Government's plan as stated above, rural part must be technically educated. Engineering Education in rural area will be a major key to the state's success in developing and generating technical professionals quantitatively as well as qualitatively and to contribute to the socio-economy status of the state.

11.4 Academic Programmes:

SVKM's NMIMS Deemed to be University, Dhule wishes to offers Bachelor's degree in Technology (B. Tech.) with following specializations-

•	Computer Science	(180 Seats)
•	Electronics and Telecommunication Engineering	(60 Seats)
•	Electronics Engineering	(60 Seats)
•	Data Sciences	(60 Seats)

11.4.1 Basic Academic Philosophy of the Institution

Relations & communication between teachers and students is always both ways.

11.4.2 Types of Programmes

Bachelor of Technology (B. Tech) – 4 years course offering specializations in Computer Science, Electronics and Telecommunication Engineering, Electronics Engineering and Data Sciences with an intake of 180 students for Computer Science and 60 students in remaining branches each.

11.4.3 Identified Programmes

- B. Tech in Computer Science (180 Seats)
- B. Tech in Electronics and Telecommunication Engineering (60 Seats)
- B. Tech in Electronics Engineering (60 Seats)
- B. Tech in Data Sciences (60 Seats)

11.4.4 Phase-wise Introduction of Programmes and Intake

Course	Intake for the Academic Year				
Degree	2023-24	2024-25	2025-26	2026-27	2027-28
Computer Science	180	180	180	180	180
Electronics and Telecommunication Engineering	60	60	60	60	60
Electronics Engineering	60	60	60	60	60
Data Sciences	60	60	60	60	60

11.4.5 Target Date for Start of Academic Programmes

The Proposed/Target date to start the academic program will be as per AICTE handbook process and as per the schedule declared by Directorate of Technical Education, Maharashtra State.

11.4.6 Central Computing facility

The institute has a computer center with 100 PCs along with 300 Mbps (1:1) internet connectivity. The center has a server room. It is also consisting of printing & scanning facilities. All required legal system & application software are available.

11.4.7 Central library

Library is the place where ideas generate and vision broadens. The institute initiates students to use library as they should spend quality time in the company of books and recent technical journals.

The institute's central library covers a ground area of about 629 sq. mtr. The interior of the library is well furnished with ergonomically designed seating arrangements. The library has separate reading zone, stacking area and issuing area. The library is self-sufficient to a large extent. The library will be automated with slim software with NPTEL. Reprography facility is also made available to the students and faculty members. The library will remain open for the entire duration of the college timings and provision is also made for excess hours to access during University Examinations. The Library is self-sufficient with all the

academic requirements and has a sound collection of national/international Journals and Books, Educational CDs and CBTs. Existing facility is satisfactory for the proposed variation in intake and additional new course.

11.4.8 Central Workshop

The workshop (Area of 256 sq. mtr.) provides an opportunity for students to have hands on experience on various machines and get essential basic knowledge of various trades. The modern lathe machines, shaper machine, milling machine, radial drilling machine, surface grinding machine, and CNC Lathe machine will be available soon.

11.4.9 Central Instrumentation Facility

Central Instrumentation facility of the institute includes Smartboards, Overhead projectors, LCD, Audio-Video System, CDs and DVDs, teaching aids etc. Existing facility is satisfactory for the proposed variation in intake and additional new course.

11.4.10 Affiliating Body

SVKM'S NMIMS Deemed to be University, Mumbai.

11.4.11 Scholarships

- Not Applicable

11.5 In case of PGDM Programmes, comprehensive details in respect of admission:

This point is not applicable to SVKM's NMIMS Deemed to be University, Dhule.

11.6 Salient Features of Academic Divisions:

The phase-wise details of the Academic Programmes/ Divisions that are proposed by this Institution in accordance with its Academic Philosophy including the Objectives, Areas of Focus, Detailed Analysis of Requirements of Faculty, Building Space, Equipment, etc. for each Academic Division are as follows:

11.6.1 Classification of Academic Divisions i.e. Departments, Centres, Schools, Central Academic Facilities:

Departments:

- Computer Science (3 Divisions)
- Electronics and Telecommunication Engineering (1 Division)
- Electronics Engineering (1 Division)
- Data Sciences (1 Division)

11.6.2 Details of each Academic Department/ Centre, such as:

Academic Objectives:

- The main objective of the institution is to enhance the quality of technical education by collaborating with technical universities within the country and abroad.
- To modify the institute culture in ways that will allow academia to better support industrial partnerships and support industry's role in education and research.
- To aim industry/academic partnerships with financial support.
- To exchange technology through collaboration with industry involving the faculty.
- To involve faculty and students to participate in strategic planning with industrial partners.
- To develop curriculum with industrial collaboration.

Areas of Focus:

- Developing technical skills of the students and thereby the society.
- Giving input for industrial growth in the region.
- Sustainable development and economic growth through the students.

Academic Programmes:

- Regular academics with standard teaching pedagogy.
- Industrial visits for practical learning.
- Workshops and seminars for updating the students regarding the recent trends in technology.

Faculty Requirement and Phase-wise Recruitment:

Year	Program	Intake	Recruitment Plan				Period of recruitment
			Principal/ Prof	Asso. Prof.	Asst. Prof.	Total	
2023-24	First Year B. Tech (Common to all branches)	360	01	00	17	18	May 2023
2024-25	Second Year B. Tech Computer Science	180	01	04	13	18	May 2024
	Electronics & Telecommunications Engineering	60					
	Electronics Engineering	60					
	Data Sciences	60					
2025-26	Third Year B. Tech Computer Science	180	02	04	12	18	May 2025
	Electronics & Telecommunications Engineering	60					
	Electronics Engineering	60					
	Data Sciences	60					
2026-27	Fourth Year B. Tech Computer Science	180	02	04	12	18	May 2026
	Electronics & Telecommunications Engineering	60					
	Electronics Engineering	60					
	Data Sciences	60					

Requirement of Laboratories, Space and Equipment (cost):

Facilities are to be provided as Per AICTE Requirements. The total area allotted to the SVKM'S NMIMS Deemed to be University, Dhule is 13.22 Acres. Planned built area: 19421.89 Sq. Mtr. and ready built is 19421.89 Sq. Mtr. The allotment of rooms is in the ready state.

Requirement of other Space like Class Rooms, Faculty Rooms, Departmental Office:**Built up area requirement:**

Particulars	Program	Carpet Area in m ² per room	Required Number of Rooms	Available Number of Rooms	Total Required Carpet Area in m ²	Total Available Carpet Area in m
Instruction Area						
Class rooms	Engineering	66	03	03	198	201
Tutorial rooms	Engineering	33	01	01	33	67
Laboratory Excluding additional WS/ Labs for "X" Courses	Engineering	66	04	04	264	268
Work Shop (For all Courses)	Engineering	200	01	01	200	256
Computer Centre	Engineering	150	01	01	150	201
Drawing Hall/CAAD Centre	Engineering	132	01	01	132	152
Library and Reading Room	Engineering	400	01	01	400	629
Seminar Halls	Engineering	132	01	01	132	141
Administrative Area (Carpet Area) in m² :						
Principal / Director	Engineering	20	01	01	30	30
Board Rooms	Engineering	20	01	01	20	66
Office all inclusive	Engineering	150	01	01	150	213
Department Office & Head Cabin	Engineering	20	01	01	20	21

Faculty Rooms	Engineering	5	16	16	90	254
Central Stores	Engineering	30	01	01	30	81.77
Maintenance	Engineering	10	01	01	10	28
Housekeeping	Engineering	10	01	01	10	21
Pantry for Staff / Faculty Common Room	Engineering	10	01	01	10	16
Examination Control Room	Engineering	30	01	01	30	56
Training and Placement	Engineering	30	01	01	30	50
Amenities Area						
Toilets (Ladies and Gents)	Engineering	150	Adequate	04	Adequate	272
Boys Common Room	Engineering	75	01	01	75	112
Girls Common Room	Engineering	75	01	01	75	112
Cafeteria	Engineering	150	01	01	150	797
Stationery Store and Reprography	Engineering	10	01	01	10	16
First Aid cum Sick Room	Engineering	10	01	01	10	20
Principal's Quarter (Desired)	Engineering	150	01	--	150	--
Guest House (Desired)	Engineering	30	01	--	30	--
Sports Club / Gymnasium (Desired)	Engineering	200	01	--	200	--
Auditorium / Amphi Theater (Desired)	Engineering	250	01	--	250	--
Boys Hostel (Desired)	Engineering	Adequate	Adequate	Adequate	--	
Girls Hostel (Desired)	Engineering	Adequate	Adequate	Adequate	--	

11.7 Quality and Human Resource Development:

11.7.1 Academic Values:

- **Honesty:** It begins with oneself and extends to others. In the quest for knowledge, students and faculty cultivate honesty in the institute.
- **Trust:** People respond to consistent honesty with trust. Trust is also promoted by faculty who set clear guidelines for assignments and for evaluating student work; by students who prepare work that is honest and thoughtful; and by the institute that set clear and consistent academic standards and that support honest and impartial research.
- **Fairness:** Fair and accurate evaluation is essential in the educational process. For students, important components of fairness are predictability, clear expectations, and a consistent and just response to dishonesty. Faculty members also have a right to expect fair treatment, not only from students but also from colleagues and their administration.
- **Respect:** To be most rewarding, teaching and learning demand, active engagement and mutual respect. Students and faculty have a respect for themselves and each other as individuals, not just as a means to an end. They also respect themselves and each other for extending their boundaries of knowledge, testing new skills, building upon success, and learning from failure. Students show respect by attending class, being on time, paying attention, listening to others point of view, being prepared and contributing to discussions, meeting academic deadlines, and performing to the best of their ability.
- **Responsibility:** Every member of an academic community of the institute — each student, faculty member and administrator — is responsible for upholding the integrity of scholarship and research. Shared responsibility is the distributed power to effect change, helps overcome apathy and stimulates personal investment in upholding academic integrity standards.

11.7.2 Recruitment, Strategies for Attracting and Retention of Faculty Personnel for Excellence, Promotional Avenues, Career Ladder:

Recruitment: Recruitment of faculty members for the proposed program will start with inviting applications from the eligible candidates through publication of advertisement in leading newspapers at National, State and Local Level. The qualification/experience for the eligible candidates will be as per the norms of AICTE, New Delhi, State Government and Maharashtra State Board of Technical Education, Mumbai. The eligible candidates will be then invited for Interview in presence of the Selection Panel. The eligible candidates will be appointed on various posts as selected by the Selection panel.

Strategies to attract and retain personnel for excellence:

Attractive Pay Scale: The faculty appointed for the proposed program will be given scale as per the norms of AICTE, New Delhi and State Government.

Staff Quarters: The institute's society has developed a colony for its faculty members where the faculty members will have an accommodation at reasonable rate.

Health Club Membership and Recreation: The institute's faculty members can avail a life-long membership for Health Club and Recreation Garden.

Counseling, Social Support and Family Care: Institute's counseling centre is always in touch with the faculty for their problems and family care.

Granting Personal PC for academic use: Institute has issued one personal PC with advanced configurations to each faculty for academic and personal use with internet connectivity.

Sponsoring Seminar, Workshop and Conferences: Institute sponsors faculty for National/International Conferences, Workshops with all the expenses for their development.

Insurance and Medical Facility: Doctor periodically visits and conducts a personal check-up for the faculty.

Promotions and Increment in pay scales: Faculty's excellence in the academics is rewarded by their promotions and annual increment.

Remunerations: Institute offers attractive remunerations to the faculty in case of their work support for the University Examinations, Admission Procedure etc.

Granting leaves /vacations: Institute grants all types of leaves.

Promotional Avenues:

Promotion is considered as a mechanism to promote the morale and communication to profession and an incentive for better performance.

As per these guidelines the pay of faculty in technical institutions shall be fixed according to their designations. The promotional avenues will ensure that teacher's eligibility being satisfied have multiple opportunities for upward movement during their career.

For posts from Assistant Professor, Associate Professor to Professor the promotion is in the higher position that is upward movement. The selection process will be as per the norms of AICTE/State Government/University.

11.7.3 Policies for Teaching and Non-Teaching Staff Development:

Evaluation and Recognition: An open, transparent and objective performance appraisal comprising self-appraisal and appraisal by student/superior/sub-ordinate with peer evaluation is implemented so that the teaching/non-teaching staff is evaluated for their increment/promotion/rewards and suggestions are given. Good suggestions are implemented.

Integration and Communication: All policies and procedures regarding management /academics are communicated to everyone so that they can plan, frame and manage the work.

Training and Development program: Every faculty undergoes training once in a year. Other than this, courses on language, career, and personal development also are conducted.

Encouragement for higher qualifications or advanced courses: Faculty will be encouraged for higher qualification by granting them study leave and allowing them to use academic resources of the institute.

Awards and Rewards: Faculty members will be rewarded for their achievements in the academics and social involvements.

11.7.4 Permanent and Contract Services for Teaching, Non-teaching and other support Personnel: Not Applicable

11.7.5 Total Quality Management:

Quality is not a one-time activity. It is a continuous improvement process. Maintaining the standards that have been set always requires commitment, meticulous planning and a good investment in terms of time, effort and money. This is returned as-

- Improved efficiency and increased effectiveness.
- Growth of the organization as a brand.
- Customer satisfaction (Students as well as the industry who recruits them).
- Staff Development.

Synergistic Relationships: The institute focuses on students and faculty members. Teamwork and collaboration are essential parts of the institute's TQM program. Emphasis is on synergistic relationship between the "students" and "faculty members".

Continuous Improvement and Self Evaluation: Total dedication to continuous improvement, personally and collectively helps administrators to work collaboratively with the teachers.

A System of Ongoing Process: The recognition of the institute as a system and the work done within the institute is seen as an ongoing process. The primary implication of this principle is that individual students and teachers are less to blame for failure than the system in which they work. Since systems are made up of processes, the improvements made in the quality of those processes largely determine the quality of the resulting product.

Leadership: The success of institutes is the responsibility of top management. The management of the institute is involved throughout institute's continuous improvement program that results from teachers and students working together. The management with their visionary leadership has provided world-class infrastructure and facility that result in continuous improvement.

11.7.6 Overall Teaching and Non-Teaching Staff Requirements:

Faculty requirement and Phase-wise Recruitment

2023-24	: 18
2024-25	: 18
2025-26	: 18
2026-27	: 18

Non-teaching (Technical) Staff Requirements

2023-24	: 04
2024-25	: 04
2025-26	: 04
2026-27	: 04
2027-28	: 04

Staff requirement (office) and Phase-wise Recruitment

2023-24	: 04
2024-25	: 01
2025-26	: 00
2026-27	: 00

11.8 Linkages in Technical Education

11.8.1 Introduction

The management of SVKM'S NMIMS Deemed to be University, Dhule believes in implementing fair and transparent policies. Issues are discussed and agendas are placed during the Annual General Body meeting. A significant amount of emphasis is laid on bottom up communication where a considerable amount of feedback is obtained from the lower tiers of hierarchy and policies finalized for further action. The Governing Body will meet from time to time to take policy decisions about the Institution. It will see that there is good governance based on the principles of participation and transparency. Institution's working should go in a democratic manner as per its mission, vision and goals. It should look after resource mobilization and adopt effective budgeting and auditing procedures.

11.8.2 Linkages with Industry

The institute shall develop collaboration for the projects and training of students with Bharat Sanchar Nigam Limited, (Shirpur & Dhule Division), Deessan Shirpur, Phoenix Pvt. Ltd.

Dhule, Shirpur Spinning Mill, Shirpur. This local collaboration will help build more technical resources, interaction and exchange of knowledge. Institute will also develop Industrial Linkages with the help of its existing sister institutes i.e SVKM'S Institute of Technology, Dhule, R. C. Patel institute of Technology, Shirpur, SVKM'S NMIMS MPSTME Shirpur, SVKM Institutes at Mumbai, Hyderabad, Chandigarh and Indore which they too have linkages with the industry in their locality.

11.8.3 Linkages with the Community

The institute will develop linkages with various local NGOs like Lions Club, Community cell, Rotary Clubs etc.

11.8.4 Linkages with other Technical Institutions in the region:

The institute shall develop collaboration for the training of students with the concerned training institutes having linkages with the sister concerns like Collaboration with Shri Vile Parle Kelavani Mandal's D. J. Sanghavi College of Engineering, Mumbai and Narsee Moonjee Institute of Management, Shirpur Campus & Mumbai for technology exchange and faculty and student developmental programs.

11.8.5 Linkages with Institutions of excellence such as the IITs and IISc, Bangalore **Linkages Abroad:**

Linkages with the faculty members from IIT Kharagpur, IIT Bombay, etc. will be developed for delivering guest lectures and other interactions. Institute will also develop Linkages with the help of its existing sister institutes.

11.8.6 Linkages with R&D Laboratories:

Institute will try to develop liaison with National level government and non- government laboratories as and when required.

11.9 Governance, Academic and Administrative Management:

11.9.1 Philosophy of Governance

The management of SVKM'S NMIMS Deemed to be University, Dhule believes in implementing fair and transparent management policies. Issues are discussed and agendas are placed during the Annual General Body meeting. A significant amount of emphasis is

laid on bottom up communication where a considerable amount of feedback is obtained from the lower tiers of hierarchy and policies finalized for further action.

Participation: Management ensures that the participation is informed and organized. This implies freedom of association and expression on the one hand and an organized system on the other hand.

Rule of law: Policies are implemented in view of legal frameworks which are enforced impartially.

Transparency: Fair amount of Transparency is maintained in all the decisions taken and their enforcement are done in a manner that follows rules and regulations.

Responsiveness: All the processes and decisions reach all those are involved in the system, within a reasonable timeframe.

Consensus oriented: Conflicts in ideologies and interests are sorted out through mediation to reach a broad consensus in the larger interest of the organization and community.

Equity and inclusiveness: The management imparts a sense of security and wellbeing to all of its members, faculty and students so that they do not feel excluded from the mainstream of organization.

Effectiveness and efficiency: Management ensures that the processes and institution produce results that meet the needs of industry and society while making the best use of resources at their disposal.

11.9.2 Board of Governors/Management

1. **CHAIRPERSON** - Shri. Amrish Patel, Chancellor

MEMBERS

2. Dr. Ramesh Bhat, Vice Chancellor
3. Dr. Sharad Mhaikar, Pro-Vice-Chancellor
4. Dr. Meena Chintamaneni, Pro-Vice-Chancellor
5. Dr. M. N. Welling, Advisor to the President - SVKM & Chancellor - NMIMS
6. Shri Bharat Sanghvi, Nominee of SVKM
7. Shri T. N. V. Ayyar, Financial Consultant & Nominee of SVKM
8. Shri Shalin S. Divatia, Nominee of SVKM
9. Dr. Prashant Mishra, Dean (SBM), School of Business Management- Mumbai
10. Dr. Bala Prabhakar, Dean, Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management - Mumbai
11. Dr. Chandrima Sikdar, Professor & Associate Dean, School of Business Management
12. Dr. Archana Bhise, Associate Dean, Research & Development, Mukesh Patel School of Technology Management and Engineering
13. Dr. Ashish Daptardar - In-Charge Registrar - Ex-Officio Secretary
14. Shri Ashish Apte, Controller of Examinations (Permanent Invitee)

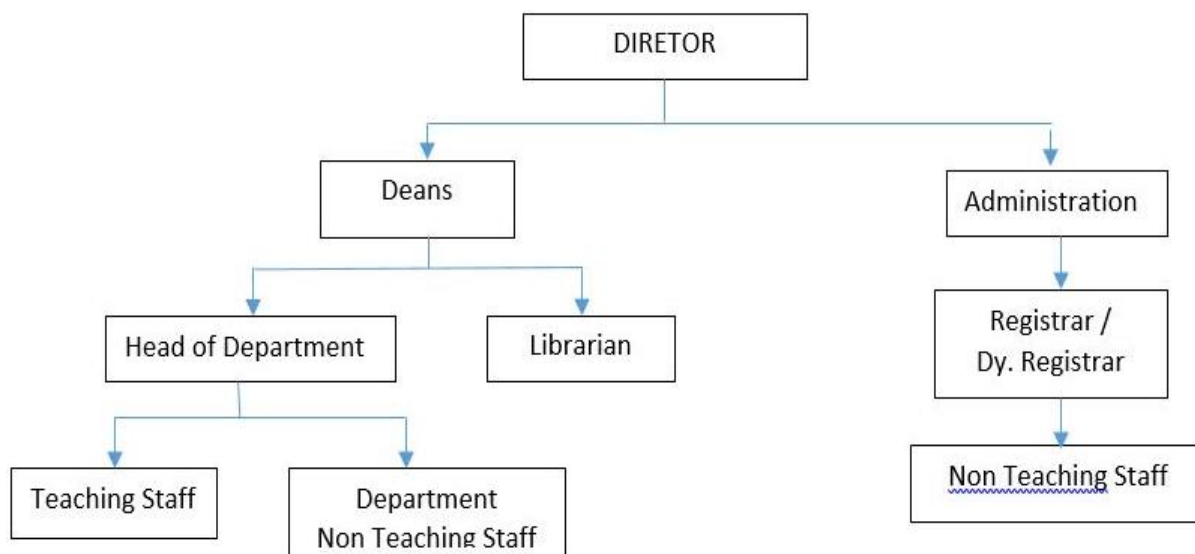
EXTERNAL MEMBERS

15. Shri. K. Venkataramanan, Former Chairman, L & T Hydrocarbon Engineering Ltd.
16. Shri Pankaj R. Patel, Chairman & Managing Director, Zydus Cadila
17. Shri Sandeep Gokhale, Former President - Business Development, JSW Steel Ltd.

SPECIAL INVITEES

18. Shri Amit Sheth
19. Smt. Sneha Parekh
20. Shri Jayant Kumar Banthia
21. Shri Bhupesh R. Patel
22. Shri Anil K Bapat
23. Shri Mukesh Khandelwal
24. Ms. Karuna Bhaya
25. Shri Asoke Basak

11.9.3 Organizational Structure & Chart for day-to-day Operations and Management:



11.9.4 Role and Responsibilities of Key Senior Positions:

Principal:

- Overall administration.
- Policy Formulation.
- Performance excellence of Institute.
- Strategy formulation for the growth of Institute.

HoDs:

- Overall performance of the course.
- Admissions and students' management.
- Faculty allocation.
- Placements.

Faculty:

- Teaching.
- Institution building work.
- Writing research papers.
- Responsibility for function allocated.

Registrar:

- Statutory compliances.
- Examination.
- Accounts.
- Admission.
- Administration.

11.9.5 Methods / Style of Administration / Management

Governance will be through a core committee comprising of the Principal, faculty and Registrar who will meet every day to decide the actions on day to day basis. The principle of governance will be consulting and persuasive which will foster team work, employee involvement and accountability. This core team will be guided by governing body as mentor.

11.10 Conceptual Master Plan for Main Campus Development:

11.10.1 The Site:

The site for the proposed Institute is at Dhule (Maharashtra State) located at Survey No. 499, Plot No 1, Behind Gurudwara, Mumbai-Agra Highway, 424001. The land area of the site is 13.22 acres.

11.10.2 Proposed Land Use Pattern:



11.10.3 Design Concept: As per the standard guidelines and requirement of the area



11.10.4 Buildings and Facilities in the Campus:

Building is spacious with ample ventilation, Air conditioning facilities provided wherever required. All the required amenities including landscaping have been taken into consideration.

11.10.5 External Services:

Medical facility connected with nearby Hospitals, Gymkhana, linkages with NGO for Social Services, etc.

11.10.6 Construction Systems and Materials:

The SVKM Trust has its own set up consisting of Site Engineer and other supporting staff taking care of all the construction work, which is carried out as per plan designed by the architects and Project Director.

11.10.7 Landscape Proposal:

Adequate landscaping is provided in the campus.

11.11 Requirement of Staff, Space, Equipment and their Cost:

11.11.1 Introduction

A consolidated estimate of Phase-wise requirements of the staff, building, equipment and their cost, along with strategies for the mobilization of funds required has been summarized below.

11.11.2 Faculty Requirements:

Details have been furnished in 11.7.6

11.11.3 Non-teaching Staff Requirements:

Details have been furnished in 11.7.6

11.11.4 Building Requirements- Area and Costs:

•	Total Built up area planned	19421.89 sq. mtr
•	Total Built up area ready	18668.47 sq. mtr

The Total cost of the construction of building and furniture:

- Ready : Rs. 6.50 Cr (approximately)
- Planned : Rs. 9.10 Cr (approximately)

11.11.5 Estimated Cost of Equipment

For engineering education, laboratories play a very important role and laboratories are the soul of teaching activity. For proper teaching of various courses, well equipped laboratories are a very basic requirement. Engineering programs to be started by the Institute have been listed before. For these programs required laboratories would be as under.

- Computer laboratories
- Mechanical Lab
- Workshop Mechanical
- Civil lab

- Electrical Lab
- Engineering drawing lab
- Physics lab
- Chemistry lab

The cost of purchasing various equipments for these laboratories is as follows-

- Laboratories : Rs. 20.5 Lakhs Approximately
- Computers : Rs. 168.85 Lakhs Approximately
- Language Lab software : Rs. 1.70 Lakhs Approximately

11.11.6 Phase-wise Financial Requirements:

Year	Courses/Intake Proposed (I)	Built up area / Investment to be made (m ² / Rs.) (II)	Investment on Furniture and Accessories (Rs. In Lakhs)	Investment on Equipment / Machinery (Rs. In Lakhs) (IV)	Projected expenditure on Salary of staff per annum (Rs. in Lakhs) (V)	Investment on Library (Rs. in Lakhs) (VI)	Total Project cost (I to VI) and Preoperative (Lakhs)
2023	4/360	9055 m ² Rs. 1100 (Approx.)	Rs. 50.12 (Approx.)	Rs. 201.9 (Approx.)	Rs. 288.00 (Approx.)	Rs. 12.00 (Approx.)	Rs. 651.00 (Approx.)
2024	4/720	10366 m ² Rs. 1210 (Approx.)	Rs. 30.01 (Approx.)	Rs. 151.11 (Approx.)	Rs. 633.00 (Approx.)	Rs. 10.00 (Approx.)	Rs. 949.54 (Approx.)
2025	4/1080	NIL	NIL	Rs. 120.66 (Approx.)	Rs. 950.40 (Approx.)	Rs. 10.00 (Approx.)	Rs. 1081.06 (Approx.)
2026	4/1440	NIL	NIL	Rs. 75.00 (Approx.)	Rs. 1267.2 (Approx.)	Rs. 10.00 (Approx.)	Rs. 1277.2 (Approx.)
2027	4/1440	NIL	NIL	Rs. 50.00 (Approx.)	Rs. 1393.92 (Approx.)	Rs. 10.00 (Approx.)	Rs. 1453.92 (Approx.)

11.11.7 Strategies for financial mobilization:

A strategy for financial mobilization is through investment by the trust in the initial years like first year and from second year onwards from internal accruals.

11.12 Action Plan for Implementation:

The Activity Chart from the conceptual stage to final implementation, indicating a time-activity Chart for various activities, its constraints and implementation Strategy including financial out-lay is given below-

11.12.1 Activity Chart

Sr. No.	Activity	Status
1	Allocation of funds for proposed institute	Completed
2	Appointment of Faculty	Identified, in process
3	Allocation of space	Completed
4	Development of Library, Books	Purchase Order placed
5	Purchase of Equipments, computers, etc.	Purchase Order placed
6	Commencement of Academics	Subject to permission from AICTE, DTE and University

11.12.2 Constraints

Permissions and approvals from various statutory bodies like AICTE, DTE, affiliating university, etc.

11.12.3 Financial Outlay:

Finance has already been arranged and most of the investment has been made.

11.12.4 Strategy for Implementation

Principal and faculty have been identified and recruitment is in progress. Required infrastructure, laboratories, library, etc. are ready. We have applied for AICTE approval. On receipt of approval, admission process will be commenced as per the guidelines of DTE, Maharashtra.

11.13 Executive Summary of the Detailed Project Report

11.13.1 Details about the Promoting Body

1. Name of the Trust : Shri Vile Parle Kelavani Mandal (SVKM)
2. Address : 10th floor, SVKM's NMIMS New building, V.L. Mehta Marg, Juhu Scheme, Vile Parle (W), Mumbai 400 056.
3. Certificate of Registration as a Trust : F 30 (BOM) 1953 Bombay Public Trust Act 1950.
4. Certificate of Registration as a Society : 733 of 1934-35 Societies Registration Act 1860.

5. Constitution	:	A Registered Public Charitable Trust
6. Telephone Number	:	+91-22-4219 9999
7. Fax Number	:	+91-22-2613 3400
8. Website	:	www.svkm.ac.in
9. Activity of the Trust	:	Education and Not for profit activities

11.13.2 Name and Address of the Promoting Body

Shri Vile Parle Kelavani Mandal (SVKM), 10th floor, SVKM's NMIMS New building, V.L. Mehta Marg, Juhu Scheme, Vile Parle (W), Mumbai 400 056

11.13.3 Date of Registration/ Establishment of the Promoting Body

- Registration as a Society: 31st October, 1934 under section 733 of 1934-35 Societies Registration Act 1860
- Registration as a Trust: 07th April, 1953 under section F 30 (BOM) 1953 Bombay Public Trust Act 1950

11.13.4 Nature of the Promoting Body: Trust

11.13.5 Activities of the Promoting Body since inception:

Education and Not for profit activities

11.13.6 Constitution of the Promoting Body

The trust is headed by Shri Amrishbhai Patel MLC, Maharashtra, a former Minister of Education, Maharashtra and a visionary personality dedicated to education who has taken the trust and its activities to level of international standards. Trust also has Jt. President, Vice President, Secretary, Jt. Secretary, Treasurer, Jt. Treasurer and Members to look after and monitor activities run by the trust.

11.14 Faculty Data

Being a new establishment, we are in process of hiring faculty and non-teaching staff.

11.15 Proposed Institution

11.15.1 Details about the Proposed Institution

Shri Vile Parle Kelavani Mandal's "SVKM'S NMIMS Deemed to be University, Dhule", Dhule- An Engineering institute offering 4 years' graduate course under the faculty of Engineering and Technology with specializations in Computer Science, Electronics and Telecommunication Engineering, Electronics Engineering and Data Sciences.

11.15.2 Development Plan for the Proposed Institution

The SVKM's "SVKM'S NMIMS Deemed to be University, Dhule" starts with the focus in nurturing and developing a global Centre of excellence in its own field. Since most of the institutions in India follow the curriculum syllabus pedagogy. Hence it is apparent that most of the leading business houses in the world in general and Indian in particular is taking interest in techno-scenario. This opens a window of opportunity for development of technologies and management system at global level. We propose to exploit this opportunity to be the pioneer in the field of nurturing and developing Indian Technology blended with agility and dynamics of western technical industry.

11.15.3 Vision of the Promoting Body

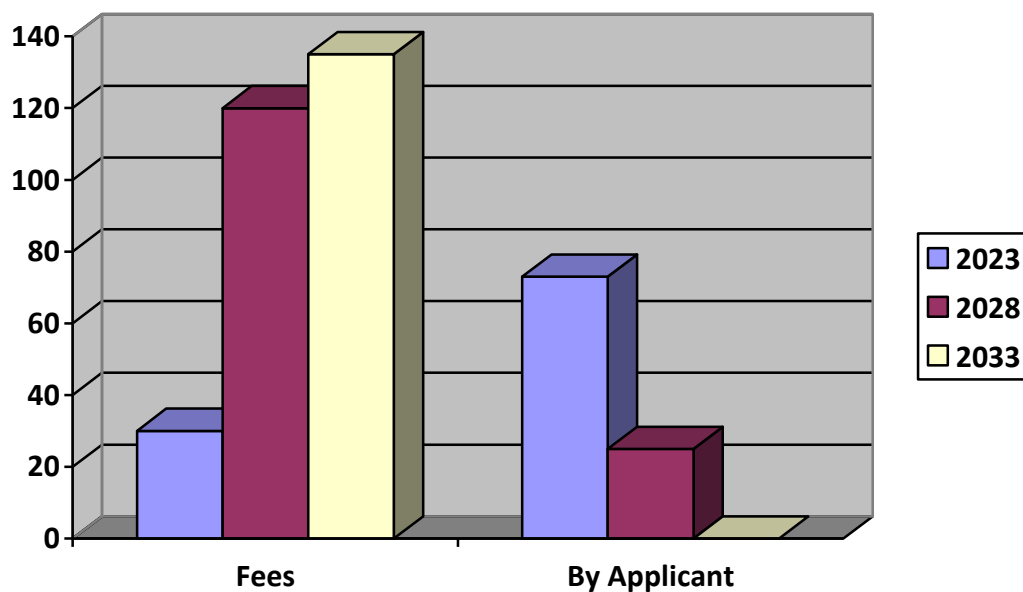
To become one of the top technical institutes that will be globally recognized as a center of excellence in contemporary engineering environment with focus in nurturing and developing a sustainable techno-economic growth of the society.

11.15.4 Mission of the Promoting Body

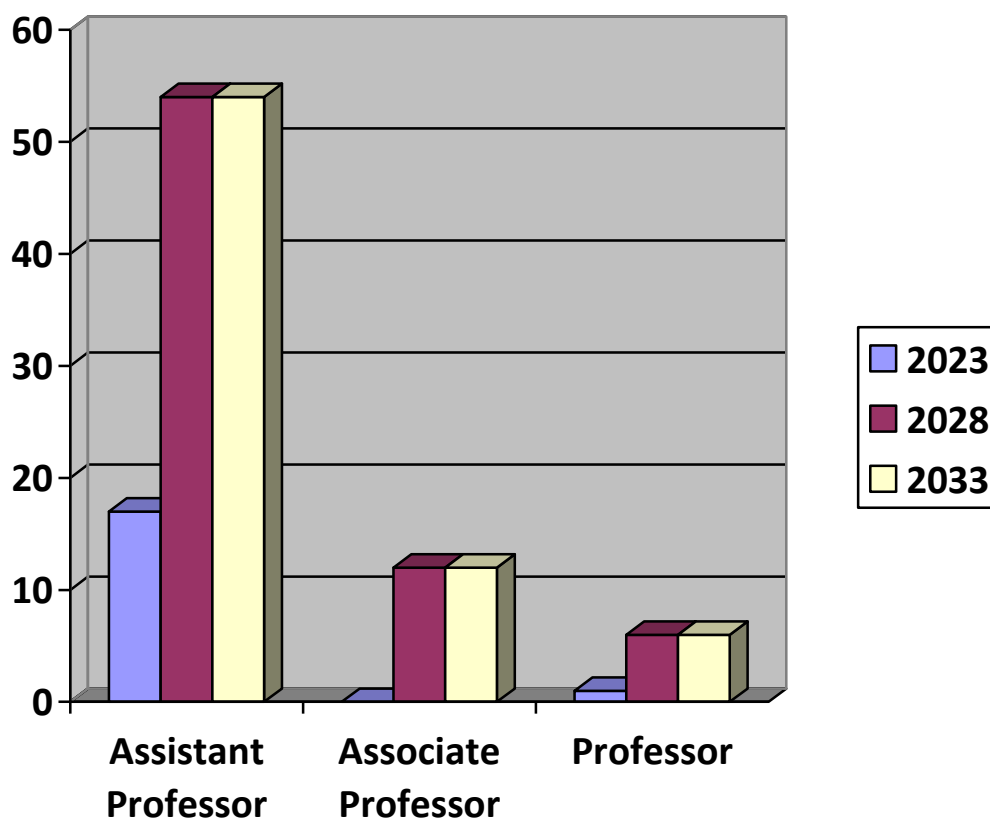
Our mission is to provide industry ready and socially sensitive holistic engineers with excellence who will be able to add the value to themselves, their family, their place or work as well as to the country under all conditions recession or prosperity with equal ease nurtured on the learning and adaptability based on a perfect blend of technical and management expertise.

11.16 Graphical Representation

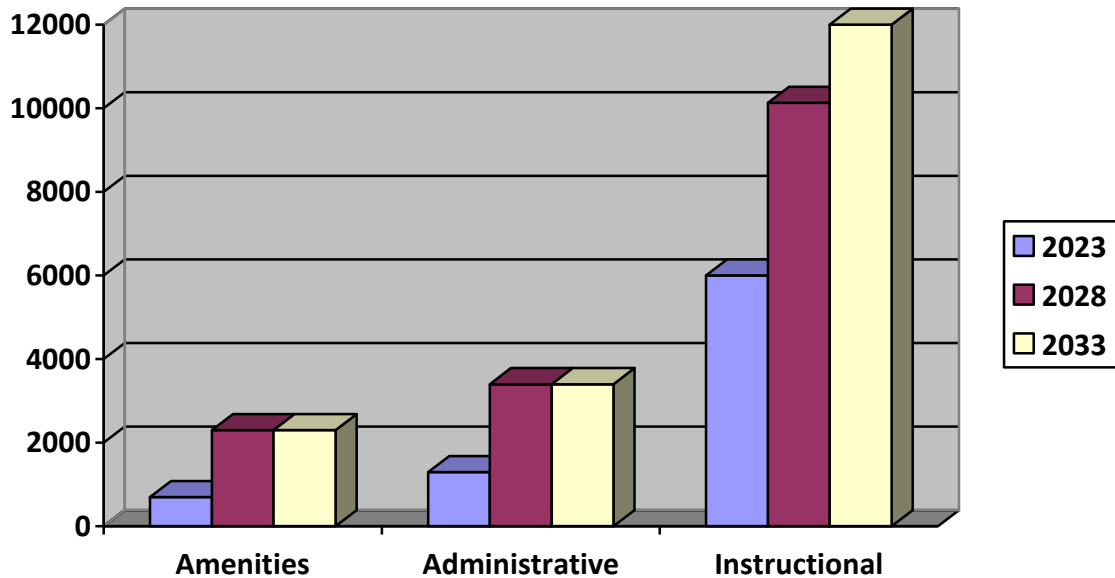
11.16.1 A bar chart indicating mobilization of funds for the proposed project at the time of establishment and for next 10 years at intervals of five years (In Crores).



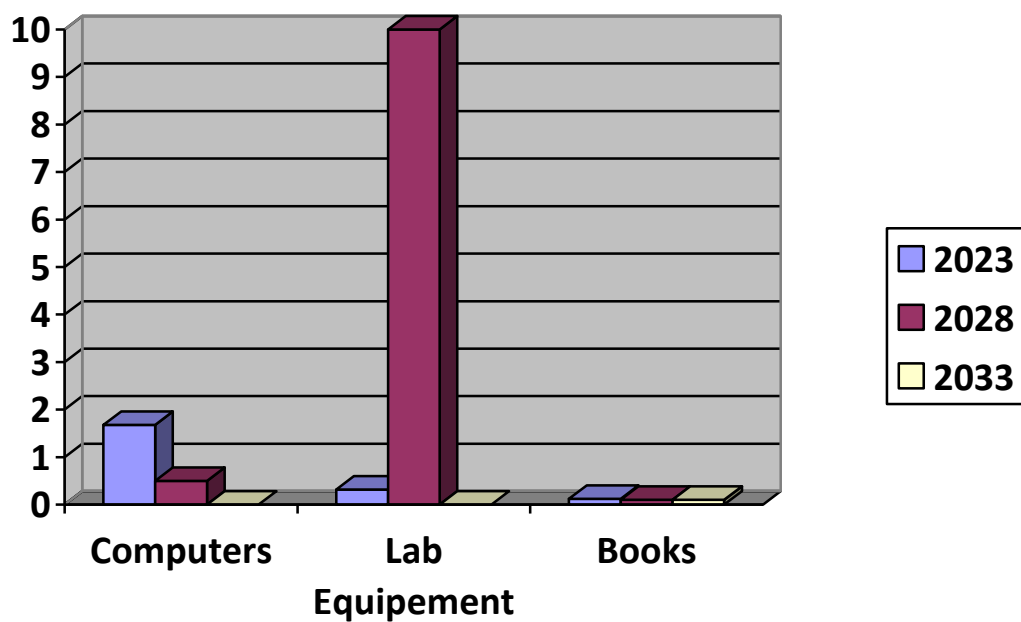
11.16.2 A bar chart indicating the recruitment of faculty (separately for Lecturer, Assistant Professor, Associate Professor, Professor) for the proposed project at the time of establishment and for next 10 years at intervals of five years



11.16.3 Give a bar chart indicating creation of built-up area (separately for Instructional, Administrative and Amenities) for the proposed project at the time of establishment and for next 10 years at intervals of five years (In Square Meter).



11.16.4 A bar chart indicating investment on equipment and machinery for the proposed project at the time of establishment and for next 10 years at intervals of five years. (In Crores)



11.17 Recruitment of faculty (At the time of establishment and next five years):

Sr. No.	Recruitment Year	Professor	Associate Prof	Assistant Prof	Total
1	2023	01	00	17	18
2	2024	01	04	13	18
3	2025	02	04	13	18
4	2026	02	04	13	18

11.18 Recruitment of non-teaching staff (at the time of establishment and next five years):

Year	Recruitment		Total
	Technical	Administrative	
2023-24	06	05	11
2024-25	05	02	07
2025-26	05	00	05
2026-27	00	00	00
2027-28	00	00	00

11.19 Proposed structure of the governing body

The Philosophy of Governing body shall be modern and result oriented to make the board participative, transparent, accountable, and socially responsible, by developing strategy in order to create value for all stakeholders. This will enable the Institute to achieve goal the institute shall form a policy of Governance. The Members will be representatives from the Trust, Industry and Faculty (Refer 11.9.2).

11.20 Industry Linkages (at the time of establishment, and next five years):

We start forming industry linkages after receiving LOA.