

NAVJEEVAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING

Bhandup (West), Mumbai

DETAILED PROJECT REPORT (D.P.R.) FOR THE ACADEMIC YEAR 2025-26

CONTENTS

CHAPTER I: PREAMBLE

1.1 INTRODUCTION :

Navjeevan Education Society College of Engineering , Bhandup (W) Mumbai is a self-financing Institution. It is approved by All India Council for Technical Education, New Delhi, Govt. of Maharashtra & DBATU, Lonere, Dist-Raigad. The college offers the following six courses with an Intake capacity of 60 Students per Branch:

- 1] Electronics & Telecommunication Engineering
- 2] Computer Science & Engineering
- 3] Computer Engineering
- 4] Information Technology
- 5] Artificial Intelligence & Data Science Engineering
- 6] Electrical Engineering

The Institution to be started by Nanjeevan Education Society, Bhandup(W) Mumbai in the year 2025. It will be started in the slum area of Bhandup (West) Mumbai Region with the sole aim of providing quality technical education to all sections of the Society even at remote place at affordable cost.

The Institution is setup on 2.97 acres at Bhandup (West) Mumbai Region. The State of the art infrastructure provides Class Rooms, Networking facilities, Library, Sports facilities and Administrative.

At present the College has the following Teaching, Administrative & Technical Staff :

1]	Principal	:	01 No.
2]	Teaching Staff	:	19 Nos.
3]	Administrative Staff	:	10 Nos.
4]	Technical Staff	:	07 Nos.

Technical education system of India is on the stage of takeoff. With the modest size of 38 degree level institutes at per independence stage, we have now over 1720 degree institutes admitting about 6.50 Lakhs students. On the contrary there are 221 degree institutes admitting about 79635 students per year in Maharashtra state. Thus, the number of institutes & intake capacity of Maharashtra State is less than south India states Hence these figures seen to be big, looking at size of the population in the country it has to be still more.

Presently, the students in higher and technical education with reference to population in the same age group are 6 to 7 % whereas, in case of developed countries, it is above 80% As India is planning to become a super power by year 2020, we have to provide more opportunity of higher education in general and technical education in particular as the nation aspires to be super power on techno economic front. Hence, we need at least equal number of engineering polytechnic institutes and engineering degree colleges to be added. Any region or state that comes forward has to be given opportunity because ultimately it is the nation that will be benefited with improved ratio of engineers to the over all population of the nation.

AICTE has already thought of increasing this number. But, their Preamble is also Developed the quality. Institutions have to be centre of excellence and not merely the study centre. This demands the initiative on the part of organizations who have demonstrated their ability in past to establish top quality engineering education. We at Navjeevan Education Society (SSS) are turned with capacity of establishment of institution with high standard.

1.2 BACKGROUND OF THE CONSULTANTS

The founder of the society **Mr. Kiran K. Pandav(President)** is Social reformer therefore his vision to provide quality best technical education to the rural areas. He is an experience person which is running so many institutions such as technical, medical, educational & management. This experience is to high valuable to run proposed technical institute.

1.3 Technical Education and Industries Scenario :

All the industries are leaping towards automation leading to a rapid growth of IT-industries. The nature of available jobs shows a common pattern all over the world. About 80% jobs are offered in Computer- IT and communication industries, while only about 20% jobs are available in the core-engineering sector. State of Maharashtra is technically and technologically highly advanced state of India with encouraging Industrial scenario. Maharashtra is preferred destination of FDI, for the last five years. Maharashtra is always admired for its culture & education. Centuries old National & International reputed institutions provided great thinkers, social reformers, scientists, technocrats & leaders to the nation. Also Mumbai, Pune, Aurangabad, Nagpur & Nasik are well developed Industrial zones with latest technologies. Presently state has to depend on other regions to fulfill the requirement of Tech professionals. However, there is a wide gap between demand and supply. This is a relatively backward slum area as for as industrial development is concerned. Bhandup (West) Mumbai Region District is the largest industrial estate in Asia. Government of Maharashtra has taken a policy decision to develop this industrial region at faster rate providing all necessary infrastructure and amenities, thus Bhandup (West) Mumbai Region has started gaining lots of importance. It is expected that within a very short period, this area will be on world-map.

THE PROMOTING BODY

2.1 Name of Society: Navjeevan Education Society
Ganesh Nagar, Ganesh Patt, Bhandup (West) Mumbai.

Regd. No: 1. E-4426 (MUMBAI) Date 07/12/1970.

has the following main Aims And Objectives

- A) To set up and run educational, institution viz. schools, Engineering, Medical, Science, Arts, Commerce and other technical colleges, technical institutions, agricultural, vocations that helps general development of the society in all respect.
- B) To open and run library, publish literature, to make available educational books, magazines, Newspapers bulletins, to run educational centers, dispensaries, free coaching classes etc.
- C) To setup and operate Charitable Hospitals, Health centers. Medical Research and Training Institutes etc
- D) To promote educational, cultural, social and economical development amongst the people of weaker section of the society with an object and aspiration to establish a prosperous an enlightened community.

2.2 DETAILS OF PROMOTERS OF NAVJEEVAN EDUCATION SOCIETY, NAGPUR

Sr. No.	Name	Designation	Experience / Background
1	Mr. Kiran Krishnarao Pandav	President	30 Years (Social Worker)
2	Mr. Nitish Jagdish Rathi	Vice-President	20 Years (Business)
3	Mr. Adv. Deepak N. Salvi	Secretary	35 Years (Advocate)
4	Mr. Gulab Hansraj Veera	Jr. Secretary	30 Years (Social Worker)
5	Smt. Adv. Priyanka Paresb Nawalkar	Treasure	35 Years (Advocate)
6	Mr. Tulsidas Jairam Tandel	Member	35 Years (Social Worker)
7	Smt. Meenakshi Omprakash Singh	Member	20 Years (Social Worker)

2.3 Activities of the Promoting Body :

Navjeevan Education Society was established in the city of Mumbai in 1970 with a motto of serving the people of Mumbai region. But it actually came into force and started serving the society from 1998, by imparting qualitative education to the upcoming citizens in the field of Education, Physical Education and Library Science. In a very short span of time, the Sanstha has progressed in leaps and bounds and has benefited the people of Malegaon, Kurjet and the nearby areas with excellent and qualitative education. The Sanstha, at present, runs the following Colleges.

Navjeevan Education Society's college of Education – B.ed

Malegaon kurjet

Navjeevan Education Society's college of Education – D.ed

Malegaon kurjet These Colleges were established for imparting training and education to HSC pass students and who aspire to be primary school teachers. Today, these Colleges are successfully conducting the classes where the students are being educated and trained by skilled staff members.

EXISTING APPROVED INSTIUTIONS

1. Navjeevan Education Society's College of Education – D.ed, Kurjet Mumbai
2. Navjeevan Education Society's College of Education – B.ed, Kurjet Mumbai

PROPOSED INSTITUTIONS

Navjeevan Education Society's College of Engineering
Bhandup(West) Mumbai

2.4 Mission of the Promoting Body :

- ➔ To educate students from all over India and other countries ,including those the local and rural areas, so that they become enlightened individuals ,improving the living standards of their families ,industry and society .We will provide ,world –class quality education ,individual attention and character building .
- ➔ To provide facilities and offer opportunities for higher education in Engineering, Technology by Instruction, Training Research, Development and Extension, and by such other means.
- ➔ To implement a programme of education in Engineering ,Technology ,relevant to the current needs of the society ,alive to the long term requirements ,and responsive to the anticipated changes and development .
- ➔ To serve as a centre for fostering co- operation and exchange of ideas between the academic and research community on the one hand and the Industrial community and Government employers on the other to promote entrepreneurship among the students.

Quality Statement :

We at Navjeevan Education Society's College of Engineering aspire to establish a system of Quality Assurance ,which would on a continuous basis evaluate and monitor the quality of education

and training imparted at this college. improve the teaching learning process and ultimately develop the Institute as a Centre of Excellence.

2.5 Vision of the promoting Body

“To become a world class, globally competitive, flexible and learning higher education institution responsive to the individual ,institutional and social development needs of the people of Maharashtra and India”. To achieve this we at Navjeevan Education Society’s College of Engineering , have impart futuristic technical education and instill high patterns of discipline through our dedicated staff who shall set global standards ,making our students technologically superior and ethically strong ,which in turn shall improve the quality of life of the human race .

CHAPTER III

OBJECTIVES AND SCOPE OF THE PROPOSED INSTITUTION

3.1 Objectives of the Institution :

- Raising the quality of education and maintaining Navjeevan Education Society’s College of Engineering, as an effective human resource development institution under all changing conditions;
- Contributing to the growth of technical education and upholding the highest ethical and professional standards
- Serving duties to lead to its enrichment and advancement
- Discharging duties and obligation to the students and staff .efficiently improving the effectiveness of the Quality Management System continually.

3.2 GENERAL AND TECHNICAL EDUCATION SCENARIO OF THE STATE :

The state of Maharashtra is a pioneer in technical education the growth of technical education has been amazing in Maharashtra State. The intake for 2025- 26 is Intake 360.

The trend of students towards professional educational is far more than observed in past. Large numbers of students from Maharashtra State as well as other states are aspiring for admissions in technical institutes in Mumbai region. Hence, there will be sufficient availability of students for admission in the proposed engineering institutes. As the economy growth is increased in last 10 years more number of students aspiring admission in technical institutions.

3.2 STATUS OF TECHNICAL LEVEL MANPOWER

Mumbai is the economic capital of India.. Hence, there is always demand for qualified manpower in Nagpur.

According to IT task force group report, Indian IT industry is expected to expand manifold. As per policy of the state, Mumbai is becoming a hub for information Technology industries, Cargo Hub, Hence, high requirement of manpower with specialization in computer, information Technology and telecommunication is predicted.

Mumbai is also the hub for automobiles and allied engineering industries. Hence, demand or mechanical engineers is always there in this part of the state. Hence, the degree programs in Electronics and Telecomincation, computer Engineering, Information Technology and Electrical

Engineering, Artificial Intelligence and data Science , computer Science and Engineering are proposed.

3.3 Industrial Scenario of the State

With fast growing needs of the industries for manpower with specialization in specific areas, it has become necessary to have proper interaction with the industry . Therefore special Industry Institute International Cell will be established in Institution . The main function of the Cell is to promote Interrelationship between industry & institution through training programmes. Visiting faculty from Industry , industrial visits & practical training etc .

The cell will be establishing liaison with industries around for the benefit of students ,teacher & support staff A Memorandum of Understanding (M.O.U) will be signed between the Industry and Navjeevan Education Society's College of Engineering, Mumbai for this purpose Advisory Committees of Navjeevan Education Society's College of Engineering will ensure participation from industries & business houses.

According to Industrial policy of Maharashtra (2001) the state plans to develop conducive environment for industrial growth besides providing fiscal benefits, thereby accelerating the rate of investment in industry, IT, infrastructure, etc. Strategies such as interest subsidies, special capital incentive establishment of IT/BT parks, special economic zones (SEZ), and appropriate labour laws to promote industrialization are being implemented.

3.4 SCROPE THE INSTITUTION vis A vis THE INDUSTRIAL SCENERIO AND THE EDUCATIONAL FACILITIES ALREADY AVAILABLE IN THE STATE.

The discussion made earlier confirms that there is ample opportunity in the state for electronics and telecommunication, computer, Information technology, electrical and mechanical engineers.

In addition to this, the industrial growth in Mumbai region is increasing in last two / three years which requires large number of technical manpower.

CHAPTER IV

ACADEMIC PROGRAMS

4.1 BASIC ACADEMIC PHILOSOPHY OF THE INSTITUTION

The student centeredness for all activities of the institution is the basic philosophy of NAVJEEVAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, Bhandup (West), DIST. Mumbai. Various stake-holders such as students, parents and teachers have motivated for maintaining 100% attendance. The student's feedback has been obtained on structured questionnaire with the help of linker scale. The data so collected will be compiled and made available to faculty members. Faculty members will be required to get involved in research, publication and consultancy and spin off to entrepreneurship.

Teachers has been made to realize that, "Teaching is not only a bread earning job but a profession willfully accepted". For this purpose a centre of Engineering Educators Council (EEC) a branch of Engineering Education Foundation (EEF) (WHO published Journals of Engineering Education, unique of its kind in the country) will be started at NAVJEEVAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, Bhandup (West), DIST. Mumbai.

4.2 TYPES OF PROGRAMS

We have started degree courses in Electronics, Computer, Information Technology and Electronics & Telecommunication engineering, Mechanical Engineering, Master of Business Administration.

4.2.1 Proposed Technical Institute Namily Navjeevan Education Society's College of Engineering Education program from the year 2025-2026.

Annual Intake Capacity: 360

Program	Specialization	Year of starting	Existing Sanctioned intake	Reference of AICTE Approval Letter.
UG B.E.	Computer Engineering	2025	60	-----
	Electrical Engineering	2025	60	-----
	Electronics & Telecommunicating Engg.	2025	60	-----
	Information Technology	2025	60	-----
	Computer Science & Engineering	2025	60	-----
	Artificial Intelligence and Data Science	2025	60	-----

Table No.04

4.3 IDENTIFIED PROGRAMS

Looking at industrial scenario of the state, it confirms that there is scope for Computer Engineering.

4.5 TARGET DATE FOR START OF ACADEMIC PROGRAM

The proposed courses will be started from academic year 2025-26 as per academic calendar of the University of DBatu University, Lonare Dist – Raigad.

4.7 CENTRAL COMPUTING FACILITY

There shall be a central computer laboratory comprising four cells with 30 computers in each cell. All the computers will be connected to LAN & internet facility will be provided to all the terminals. In addition, there will be computer centre of each department will 45 computers connected to LAN & internet facility and a few for research purpose, too. Appropriate software's will also be available in each laboratory.

4.8 CENTRAL LIBRARY

well as electronic version of journals and books. There are audio – visual section comprising of CBT/CAI, DVD, VCD, CAL Packages from, professional developer, institutional faculty and outside experts. Tie up will be made with institutes of higher learning and specialized libraries for loan facility and library membership.

4.9 CENTRAL WORK-SHOP

It is planned in exclusively RCC built up area of 210 square meters as workshop facilities for practical as well as project work requiring fabrication will be available. NC, CNC, FMS, Robotics will be the special features of the central workshop.

4.10 CENTRAL INSTRUMENTATION FACILITY

around and NTBF (New Technology Based Firm) planned with the intervention of academia.

4.12 SCHOLARSHIPS

The admitted students for new technical institute of courses shall applicable for GOI Scholarship those who have belongs to the categories. The scheme of Tuition Fee waiver will be initiated in next academic year. The management shall also implant a meritorious scholarship at the Institute level. Care will be taken to see that an academically strong candidate will be retained in academics even if he/she is economically weak. Tuition fee waiver subsidized lodging boarding & library facility will be made available to needy students. Also, top class meritorious students will be rewarded with special scholarships. A committee at institute as well as trust level will be formed to decide policies in this matter.

CHAPTER – V

SALIENT FEATURES OF ACADEMIC DIVISION

5.1 CLASSIFICATION OF ACADEMIC DIVISIONS

The institutes have six departments namely, Electrical Engineering, Electronics and Telecommunication Engineering, Computer Engineering and Information Technology, Computer Science & Engineering, Artificial Intelligence and Data Science from the academic session 2025-26. Each department is headed by a Head of Department who will be preferably working at Professor Level. There will be centers and cells as Centralized Library Department, Training and Placement cell, entrepreneurship development cell, industry institute interaction cell & Energy Conservation cell. Attempt will be made in due course of time to offer tailor made course to suit demands of some specific industries by requesting them to adapt these courses. To accelerate this activity close liaison will be maintained with some of the interested industries with the help of a senior faculty having industrial as well as academic experience.

5.2.3.1 ACADEMIC OBJECTIVES

5.2 OBJECTIVES OF THE DEPARTMENT/CENTRE/CELL

- To develop centre of excellence in area of Power Quality, Network Theory and digital measurements in power system etc.
- To achieve results in university examination more than university average.
- To achieve best project awards in different competitions.

5.2.3.2 AREAS OF FOCUS

- Control System.
- Power Generation, Transmission & Distribution
- Digital Communication in Power System.

5.2.3.3 ACADEMIC PROGRAM

- Bachelor of Engineering

5.2.3.4 FACULTY REQUIREMENT AND PHASEWISE RECRUITMENT

The teaching faculties will be appointed as per requirement of University syllabus & maintaining cadre ratio of Professors, Assistant Professors and Lecturers as per AICTE norms. The staff will be appointed as below in next four years for the department.

For Civil Engineering :

Year	Professor	Associate Professor	Assistant Professor
2025-26	0	1	3
Total	0	1	3

5.2.2.6 REQUIREMENT OF OTHER SPACE LIKE CLASS ROOMS, FACULTY ROOMS, DEPT., OFFICE

- Class room of 70 square meters will be provided for each class of 60 students. Faculty rooms will be provided in the laboratories, so as to have proper control. HOD cabin and small office with computer, telephone, fax etc. will be provided.

6.3 POLICIES FOR TEACHING AND NON-TEACHING STAFF DEVELOPMENT

A staff development centre will be established on line with most of the European universities on recommendations of the European Union. There will be a staff in-charge who will systematically assess the needs of training of every individual. He/she will announce the calendar every semester well in advance. Attending these training programs will be compulsory.

Also, on the job as well as off the job training will be provided within and out side the organization. Training program will be designed to provide knowledge and skill in addition to bring in the attitudinal change.

6.4 PERMANENT AND CONTRACT SERVICES FOR TEACHING NON-TEACHING AND OTHER SUPPORT PERSONNEL

In order to achieve efficiency and improve the work culture it is essential to have of mix of regular and contractual staff. This enables the organization to acquire services experts who like be free lancers rather than 9 to 6 engagement. Also, opportunity can be given to needy students under earn and learn scheme. The requirement of manpower from year to year is expected to be as given in the table below.

For Computer Engineering :

Year	HOD/Professor	Associate Professor	Assistant Professor
2025-26	0	1	3
Total	0	1	3

6.5 TOTAL QUALITY MANAGEMENT

Total quality management will be treated as backbone of the management strategy. Bottom up management philosophy will be adopted involving every individual in the process. TQM will be achieved by controlling all individuals, all processes, all activities and all things with the philosophy of Right First Time. Quality Circle will be established by providing training to individuals in the system of decision making. Interested faculty and staff members will be trained to take up roles of facilitators. Suggestion system and kaizen will be employed by giving appropriate awards to the individuals.

CHAPTER - VII

7.1 INTRODUCTION

These are the days of networking. TEQIP is based on this philosophy, only. Networking with institutions and industries around as well as at national and international level will be encouraged. Where ever possible formal and informal linkages will be developed.

7.2 LINKAGES WITH INDUSTRY

therefore initiated for this purpose with their trustees and Director General. Tie up will be developed with IndoRama, NECO, HPCIL, HPIL, PAPL, RTL etc. The Board of Directors is linked with the various industries.

● IndoRama Ltd. , Pune	● High Power India Ltd. Mumbai
● NECO Ltd. Mumbai	● Pennar Aluminium Pvt. Ltd. Mumbai
● High Power Clams India Ltd. Pune	● Raymond's Textiles Ltd. Kelwad, Mumbai
● Satyam Computers Ltd. Pune	● Infosys, Pune

7.3 LINKAGES WITH THE COMMUNITY

NIL

7.4 LINKAGES WITH OTHER TECHNICAL INSTITUTIONS IN THE REGION

LIT employees more than 30 doctorates. Society will approached towards them for joining of our Institute.

7.5 LINKAGES WITH INSTITUTIONS OF EXCELLANCE

The management of Navjeevan Education Society has already initiated the activity of establishment of virtual class room in all of its campus.

7.6 LINAGES ABROAD

No.

7.7. LINKAGES WITH R & D LABORATORIES

Rapport will be developed with various laboratories to take up research activities for faculty and project work of UG, PG students.

CHAPTER – VIII

8.1 PHILOSOPHY OF GOVERNANCE

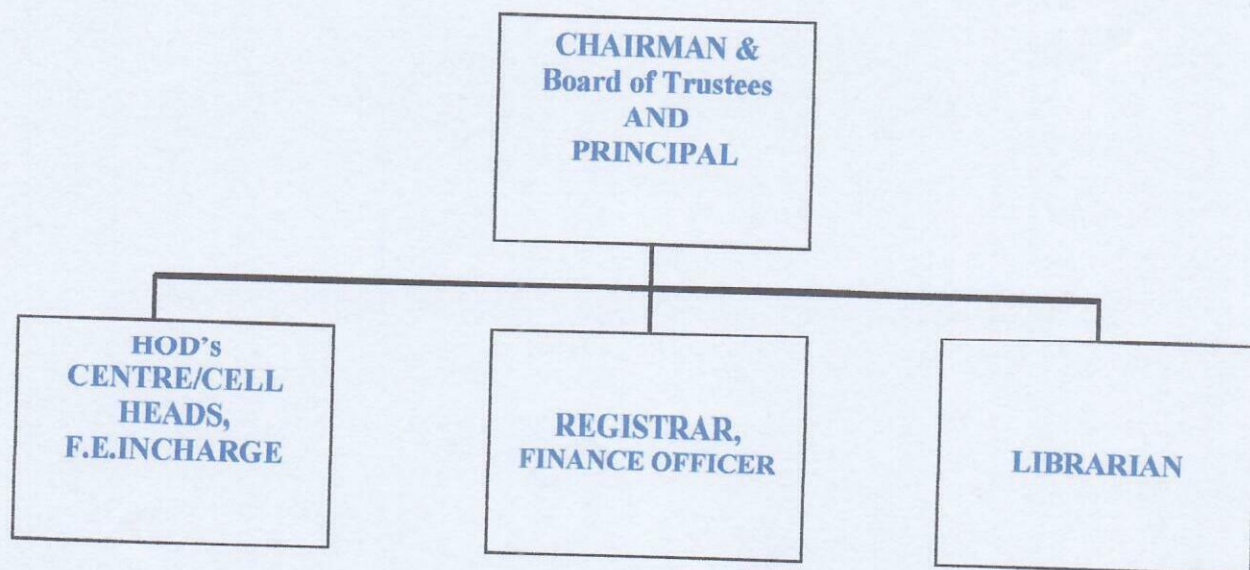
The management will employ the philosophy of participative management giving opportunity to every faculty and staff member to express his or her views. Every activity will be governed from the point of view of right first time. Maximum importance will be given to development of teaching-learning process. Every decision will be student centered. Attempt will be made to enable every individual to grasp philosophy of the organization so that there will be proper linkage between different parts of the pyramid structure. Cohesive wholesome environment will be developed so that orchestra of management is proper.

8.2. BORAD OF GOVERNORS

The different members of BOG will be drawn from various specializations and with variety of experience. Members from industries and academia will be on the BOG so as to help the college to be raised to the standard of centre of excellence.

8.3 ORGANISATIONAL STRUCTURE AND CHART FOR DAY TO DAY OPERATIONS AND MANAGMENT

The overall in-charge of the college will be Principal, who is also supposed to be Secretary of BOG and LMC. In addition, there will be a Executive Director who will provide co-ordination amongst various institutes on the same campus, so as to improve the capacity utilization of facilities. Principal will be assisted by HOD's and cell/centre in-charge. For administrative matters there will a Registrar. Also, finance off accountant will be there to care for all finance matters. Majority of the decisions will be taken in HOD meeting or LIC/BOG meetings, so as to incorporate democratic pattern in the decision making. The organization chart shown depicts important relationships within the organization.



8.4 ROLE AND RESPONSIBILITIES OF KEY SENIOR POSITIONS

Roles and responsibilities will be governed by the AICTE, DBatu, Lonare, Dist - Raigad and state government norms and as per the policy of the trust/society.

8.5 METHODS/STYLE OF ADMINISTRATION/MANAGEMENT

Importance will always be given to P type i.e. process type of management. This will help us to implement TQM within the organization. Also bottom up approach will be implemented. Democratic pattern of management will be given importance, so as to improve sense of belongingness amongst the stakeholders.

CHAPTER – IX

CONCEPTUAL MASTER PLAN FOR MAIN CAMPUS DEVELOPMENT

9.1 THE SITE

The college is situated in premises of 2.23 hectares which are exclusively earmarked for NAVJEEVAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, Ganesh Nagar, Ganesh Path, Bhandup (West) Mumbai. Also, 20 IT industries are planned in the vicinity. At present there is no Engineering college on this side of the Slum Area. Hence, needs of students for engineering education will be fulfilling.

9.2 PROPOSED LAND USE PATTERN

The institute has 2.97 acres of land under its possession available in this campus. Hence some of the facilities as a main canteen, main play ground etc. is provided.

9.3 DESIGN CONCEPT

All the buildings are designed by renowned architect of the region. Ample circulation space, facilities such as toilets, common rooms etc. will be made available. The engineering college building is G + 3 patterns. The facilities such as library, main computer centre, office etc. will be planned on ground/first floor. Different departments will be located in different floor. Each department will be provided with space and facilities, minimum as per AICTE norms.

9.4 BUILDINGS AND FACILITIES IN THE CAMPUS

There will be nine buildings in campus as per sanction layout plan. The building is earmarked for NAVJEEVAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, Ganesh Nagar, Ganesh Path, Bhandup (West) Mumbai. In addition to this the total area measuring will be available. Additional space as and when required will be made available. for gymnasium, etc. will also be available.

9.5 EXTERNAL SERVICES

Services of the experts will be hired, such as architects, building contractors landscape developers, internet providers, research experts in specialized fields, etc.

9.6 CONSTRUCTION SYSTEMS AND MATERIALS

Top class material is available in the vicinity as this area is one of the fastest developing. The trustees have got high level of experience in this field. Their knowledge and expertise will be available. Work will take place in environment friendly style.

9.7 LANDSCAPE PROPOSAL

Landscape is planned to provide a sense of cohesive wholesomeness for the nature, construction and all other institutes in the vicinity of the proposed engineering.

CHAPTER – X

REQUIREMENT OF STAFF, SPACE, EQUIPMENT AND THEIR COST

10.1 INTRODUCTION

All the facilities as per norms of AICTE, requirement of curriculum of DBatu, Lonare, Dist – Raigad and changing need du to effect of Globalization will be provided.

10.2 FACULTY REQUIREMENTS

Faculty as per norms of AICTE and requirements of curriculum of DBatu, Lonare, Dist - Raigad will be made available. The teaching faculty required in next one years is given below.

For Engineering Program:

Year	Professor	Associate Professor	Assistant Professor
2025-26	1	1	3
2026-27	--	--	--
2027-28	--	--	--
2029-30	--	--	--
Total	1	3	14

Non-teaching staff as per norms of AICTE and requirement of curriculum of DBatu Lonere, Dist Raigad University will be made available. The technical supporting staff and non-technical supporting staffs will be appointed as per the norms & number of staff appointed will be as given below.

Year	Technical Supporting Staff	Non-Technical Supporting Staff	Total Non-Teaching Staff
2025-26	6	4	10
2026-27	8	6	14
2027-28	10	8	18
2028-29	12	6	18
2029-30	10	4	14

REQUIREMENT OF STAFF, SPACE, EQUIPMENT AND THEIR COST

10.4 BUILDING REQUIREMENTS: AREA AND COSTS

The requirement of building space and proportionate cost will be as depicted in the table. The built-up space requirement as per AICTE norms & DBatu, Lonare, Dist – Raigad curriculum will be made available phase wise in next 10 years. The total built-up area will be made available as per AICTE norms.

YEAR	Built-up Area Reqd.As per AICTE Norms (SQ.MT.)	Built-up Area Created in RCC (SQ.MT.)	Built-up Area Created in ACC Shed (SQ.MT.)	Total Built-up Area Created (SQ.MT.)	COST Rs. In Cr.
2025-26	4300	6516.81	-	6516.81	4.20
2026-27	6918	9372.88	-	9372.88	3.75
2027-28	12330	12672.06	-	13672.06	3.70
2028-29		14151.15	-	19071.35	3.60
2029-30		21771.00	-	21771.00	3.75

The construction built-up area with use category wise i.e. instructional area, Administration area, circulation and amenities area will be made in next ten years.

10.5 ESTIMATED COST OF EQUIPMENT

Library books, computers & peripherals, office furniture, overhead projectors, LCD projectors will be purchased as per requirement & for next ten years the funds will be made available as shown below.

Sr.No.	Year	Cost Equipment Rs. In Crores
1	2025-26	0.50
2	2026-27	1.03
3	2027-28	1.37
4	2028-29	1.37
5	2029-30	0.68

10.6 Phase wise Financial Requirement

The equipments will be purchased as per university and AICTE Norms.

10.7 Strategies for Financial Mobilization

The institute is running exclusively on the basis of the fee charged from the students seeking admission in courses. Therefore the financial mobilization of the institute is totally dependent upon this resource only. Initial requirement of funds will also be taken care by the promoting body and such provision is also made.

CHAPTER XI : Active Plan For Implementation :

The institute has a complete infrastructure for next four years Starting session 2025-2026. As regards the activities of the courses, a timetable showing the regular theory, tutorial and practical classes will be prepared in accordance with the requirement of the syllabus and the numbers of admissions in the course. We feel no constraints of any kind, so far as the financial outlay of the plan is concerned. The management is fully prepared to invest over the proposal. The Management with the consultation of the Principal and experts from the field is in a position to implement the strategy of the infrastructure plan of the institute.

11.1 Activity Chart

Since adequate infrastructure, faculty and resources are hereby available, the activity chart has therefore, become deadening. Planning for infrastructure required for next session will be done in the first half of every session so that all the required facilities will be available well before the beginning of the next session.

11.2 Constraints

The promoters of the institute do not feel any constraint in the implementation of the plan. Every activity of the institute shall be carried on accordance to its infrastructure plan.

11.3 Financial Outlay

The prompting body of the institute has already studied the entire scheme of all the course, which could be finalized within their means. As has already been said the management have arranged for the financial layouts for every detailed infrastructure, including the construction of the building and the equipments required for the first year of the new session for the proposed new/existing courses.

11.4 Strategy for Implementation

It is proposed to implement Variation in intake / Additional courses to start functioning from the coming academic session 2025-26. The additional Built up area required for Variation in intake / Additional courses is ready. The classes will be conducted in an additional space.

YEARS	BUILDING	EQUIPMENTS	SALARY	OTHERS	TOTAL (Rs. In Crores.)
2025-26	2.26	0.68	0.55	0.18	3.67
2026-27	1.46	1.03	1.40	0.45	4.34
2027-28	3.58	1.37	2.58	0.81	8.34
2028-29	3.21	1.37	3.82	1.17	9.56
2029-30	1.67	0.68	4.65	1.35	8.35
2030-31	1.16	0.51	5.07	1.44	8.18
2031-32	1.43	0.73	5.64	1.57	9.37
2032-33	1.25	0.99	6.37	1.73	10.35
2033-34	1.95	1.04	7.15	1.91	12.04
2034-35	2.02	0.98	7.82	2.04	12.86

10.7 STRATEGIES FOR FINANCIAL MOBILISATION

Finance will be made available to meet all the requirements, just in time without any of the activity to suffer. All the facilities of state of the art standard and as per norms of AICTE/ DBatu, Lonare, Dist – Raigad will be provide. Also, investment taking into accounts the effect of LPG (Liberalization, privatization, globalization) strategy will be made so as to be of International standards. Finance will be made available as per system given in table below.

YEAR	FUNDS REQUIRED	EXPECTED FEE	TOTAL FEES COLLECTION	FINANCIAL SUPPORT FROM TRUST
		COLLECTION		
		ENGG		
2025-26	3.67	0.98	0.98	2.69
2026-27	5.34	2.27	2.56	1.78
2027-28	4.84	3.87	4.78	3.56
2028-29	4.56	5.82	7.06	2.50
2029-30	3.35	6.77	8.35	0.00
2030-31	2.16	11.15	14.09	--

12.1

DETAILS ABOUT THE PROPOSED INSTITUTION

1. Category of Institution:

Undergraduate / Postgraduate
in Engg & Tech.~~Architecture / HMCT /~~~~Management / Computer Application~~a. Name of the Proposed Programme : Engineering and Technology
(UG Course)**Engineering - 360 Seats****1. Address of the Institution**

Navjeevan Education Society's College of Engineering, on Survey No. 153 & 137

i) Nearset City/Town/Airport/ Railway station

Bhandup (West) Mumbai.

iv) Type of the Institution

Govt.	Univ.	Govt. Aided	<input checked="" type="checkbox"/> Private
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(in case of aided, mention the percentage of aid from the Government)

ii) Name of the affillating University

DBatu, Lonare, Dist Raigad

(a) The student passing higher secondary examination (10+2) aspire for an admission to a professional course like Engineering. The total available seats in engineering (70600 in maharashtra state) are very less as compared to the number of aspirants (7,20,000 student clearing the 12th standard examination in maharashtra state). Looking into the advancements in technology and trends of application in industries and markets, the demand is for course like Electrical Engineering, Computer Engineering, Computer Science & Engineering, Electronics & Telecommunication Engineering, Artificial Inteligance, Information Technology etc. Against a huge demand for these branches only 21000 seat are available in like Electrical Engineering, Computer Engineering, Computer Science & Engineering, Electronics & Telecommunication Engineering, Artificial Inteligance, Information Technology etc. taken together.

CHAPTER - XII
EXECUTIVE SUMMARY OF THE DETAILED PROJECT REPORT (DPR)

12.2 DETAILS ABOUT THE PROMOTING BODY

i) **Name and Address of the Promoting Body:**

(Government / University / Trust/Society)

Navjeevan Education Society ,
Ganesh Nagar, Ganesh Path,
Bhandupeth (West) Mumbai - 78

ii) **Date of Registration / Establishment of the Promoting Body:**

1. Under Bobay Public Trust Act of 1950 :
E-4426 (Mumbai). Dt.07/12/1970

iii) **Nature of the Promoting Body:**

<u>Religious</u>	<u>✓Charitable</u>	<u>Family</u>	<u>Other</u>
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iv) **Activities of the Promoting Body inception:**

Navjeevan Education Society is serving the cause of education since long time. At the beginning. Hon'ble Late, Ramchandra Shivaji Sawant, the founder President of this Sanstha , had a burning desire to spread education amongst common man of this country and to achieve this noble cause, he has founded subject institution, Since then, the Sanstha, Struggling for bringing about intellectual awareness & transformational in social, educational, economical & Cultural field of urban & rural Maharashtra.

As a result, Society, by starting a small educational institute 15 years back, grown up into a grand educational institute covering almost all faculties of education spreading all over Karjet. Now, All the institutions run under Sanstha are manned with highly educated, qualified & trained staff, well equipped laboratories, Library, Play grounds, Canteen & transport buses to carry students and staff. The students have shown excellent results in their examination & other development activities. The Sanstha has key-objective of producing highly efficient engineers by providing them quality education.

vi)

Constitution of the Promoting Body:

Sr. No	Name	Academic Qualification		Nature of Association with the Promoting Body
		Technical	Non Technical	
1.	Mr. Kiran Krishnarao Pandav		B.COM	President
2.	Mr. Nitish Jagdish Rathi		B.E.	Vice-President
3.	Mr. Adv. Deepak N. Salvi		M.Com., LLB	Secretary
4.	Mr. Gulab Hansraj Veera		M.Com. Phd	Jr. Secretary
5.	Smt. Adv. Priyanka Paresh Nawalkar		M.A., LLB	Treasure
6.	Mr. Tulsidas Jairam Tandel		MSC	Member
7.	Smt. Meenakshi Omprakash Singh		B.A.	Member

vii) Vision of the Promoting Body:

“To become a world class, globally competitive, flexible and learning higher education institution responsive to the individual ,institutional and social development needs of the people of Maharashtra and India”. To achieve this we at Navjeevan Education Society College of Engineering , Bhandup (W) Mumbai will impart futuristic technical education and instill high patterns of discipline through our dedicated staff who shall set global standards ,making our students technology gically superior and ethically strong ,which in turn shall improve the quality of life of the human race .

viii) Mission of the Promoting Body:

- ➔ To educate students from all over India and other countries ,including those the local and rural areas, so that they become enlightened individuals ,improving the living standards of their families ,industry and society .We will provide ,world –class quality education ,individual attention and character building .
- ➔ To provide facilities and offer opportunities for higher education in Engineering. Technology by Instruction, Training Research, Development and Extension, and by such other means.
- ➔ To implement a programme of education in Engineering ,Technology ,relevant to the current needs of the society ,alive to the long term requirements ,and responsive to the anticipated changes and development .
- ➔ To serve as a centre for fostering co- operation and exchange of ideas between the academic and research community on the one hand and the Industrial community and Government employers on the other to promote entrepreneurship among the students.

Quality Statement:

We at **Navjeevan Education Society's College of Engineering** aspire to establish a system of Quality Assurance which would on a continuous basis evaluate and monitor the quality of education and training imparted at this college. improve the teaching learning process and ultimately develop the Institute as a Centre of Excellence.

12.3

DETAILS ABOUT THE PROPOSED INSTITUTION

1. **Category of Institution:** Undergraduate / Postgraduate
in Engg & Tech.
~~Architecture / HMCT /~~
Management / ~~Computer Application~~

2. **Name of the Proposed Programme :**

Courses	Duration of Course	Entry level Qualification	Degree [UG / PG]	Approved Annual Intake Capacity
Computer Engineering.	4 Years	10 + 2	UG	60

Annual Intake Capacity: 60

3. **Address of the Institution**

Navjeevan Education Society's College of Engineering, on Survey No. 153 - 137

- i) Nearset City/Town/Airport/ Railway station Bhandup (West) MUMBAI

iv) **Type of the Institution**

Govt.	Univ.	Govt. Aided	<input checked="" type="checkbox"/> Private
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(in case of aided, mention the percentage of aid from the Government)

- ii) Name of the affiliating University **DBATU, Lonare, Dist - Raigad**

vi) **Justification for starting the proposed institution**

(a) The student passing higher secondary examination (10+2) aspire for an admission to a professional course like Engineering. The total available seats in engineering (70600 in maharashtra state) are very less as compared to the number of aspirants (7,20,000 student clearing the 12th standard examination in maharashtra state). Looking into the advancements in technology and trends of application in industries and markets, the demand is for course like like Electrical Engineering, Computer Engineering, Computer Science & Engineering, Electronics & Telecommunication Engineering, Artificial Inteligance, Information Technology etc. Against a huge demand for these branches only 21000 seat are available in like Electrical Engineering, Computer Engineering, Computer

12.3 DEVELOPMENT PLAN FOR THE PROPOSED INSTITUTION FOR NEXT 10 YEARS, PROJECT COST & SCHEDULE

i) Preliminary And Pre Operative Expenses

(Including land cost, land development, approach road, electricity and water connections, fencing etc.)

a) Land	Rs. 30.00 lacs
b) Land Development	Rs. 13.00 lacs
c) Approach Road	Rs. 18.00 lacs
d) Electricity & Water connections	Rs. 8.50 lacs
e) Fencing	Rs. 7.30 lacs

Total	Rs. 76.80 lacs
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This expenditure is taking place in the financial year 2025-26.

iii). Total Project cost (at the time of establishment and next five years)

Year	Courses / Intake Proposed (I)			Built up area / Investment to be made (Sqmt / Rs.) (II)			Investment on Furniture & Accessories (Rs. In Lakhs) (III)	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 Exp.) (Rs. in Lakhs)	
	UG	PG	Doc.	Class Room	Lab / W/S	Admn. Area	Amenities	Labs	W/S	Comp. Centre	Teaching	Non-teaching	Text Book	Ref. Books	Journals		
2025-26	360		-	411.04	2869.54			610.80	2625.43	10.31	24	06	24	40	16	8	01
2026-27	720		-	560	4039	849	1627	11	12	01	09	109	31	06	02	01	364*
2027-28	1080		-	980	7470	1560	2990	15	41	05	25	202	56	10	03	02	777*
2028-29	1440		-	1400	10352	2169	4158	10	35	05	20	298	83	13	05	03	891*
2029-30	1800		-	1680	11722	2474	4742	05	09	05	08	352	98	12	05	03	790*

* Total expenditure includes miscellaneous & other recurring expenses as Rs. 18, 45, 81, 117 & 135 lacs for the years from 2025-26 to 2029-30 respectively.

iv) **DETAILS FOR MOBILIZATION / SOURCE OF FUNDS (CAPITAL & RECURRING)**

(At the time of establishment and next four years) (Rs. in Lacs)

Year	From Applicant	Donations	Grants from Govt.	Fees	Loan	Others
2025-26	2.69	--	--	90	--	--
2026-27	1.78	--	--	1.30	--	--
2027-28	2.56	--	--	1.80	--	--
2028-29	2.50	--	--	2.50	--	--

v) **RECRUITMENT OF FACULTY**

(At the time of establishment years)

For First Year Engineering and Technology

Year	Professor	Associate Professor	Assistant Professor
2025-26	-	1	4
2026-27	--	1	3
2027-28	01	1	3
2028-29	-	0	4
Total	1	3	14

vi) **RECRUITMENT OF NON-TEACHING STAFF**

(At the time of establishment and next four years)

Year	Recruitment		Total
	Technical	Administrative	
2025-26	04	04	08
2026-27	02	02	02
2027-28	02	02	02
2028-29	02	02	02

vii) **PROPOSED STRUCTURE OF GOVERNING BODY**

Sl. No.	Trust / Society Representative	Academic Background		Industry Rep.	Others
		Technical	Non Technical		
1.	Mr. Kiran Krishnarao Pandav		√		
2.	Mr. Nitish Jagdish Rathi		√		
3.	Mr. Adv. Deepak N. Salvi		√		

4.	Mr. Gulab Hansraj Veera		√		
5.	Smt. Adv. Priyanka Paresh Nawalkar		√		
6.	Mr. Tulsidas Jairam Tandel		√		An Educationalist / Industrialist of repute to be nominated by WRO, AICTE.
7.	Smt. Meenakshi Omprakash Singh		√	Nominee of WRO, AICTE	
8.					Nominee of DBatu, Lonare, Dist - Raigad
9.					Director of Technical Education (Ex- officio)
10.				Nominee of Government of Maharashtra	
11.	Principal / Director – Member of Secretary				

vii) INDUSTRY LINKAGES (at the time of establishment and next five years)

The Society is fully conscious of the important of collaboration efforts with leading industries a part of programme to give wider exposure to Scientific & Technology development to different industries.

DECLARATION

I, Kiran K. Pandav, on behalf President of "Navjeevan Education Society, Mumbai" hereby confirm that this Detailed Project Report has been prepared for its proposed Technical Institution under the name and style of "Navjeevan Education Society's College of Engineering". It is hereby confirmed that all the information furnished above is true to the best of my / our knowledge and belief and if any information is found to be false, the proposal may be rejected.

Place: Mumbai
Date: 26/12/2024



Kiran K. Pandav
Mr. Kiran K. Pandav
PRESIDENT
NAVJEEVAN EDUCATION SOCIETY
NESH NAGAR, BHANDUP (W.)
MUMBAI

(Seal)