

SHREE SAMARTH POLYTECHNIC

Diploma in Engineering (Polytechnic)

Approved by All India Council for Technical Education (AICTE) New Delhi & Directorate of Technical Education (DTE), Maharashtra, Mumbai
Affiliated to Maharashtra State Board of Technical Education (MSBTE), Mumbai

At- Shree Samarth Vidyanagar (Mhasane), Mhasane Phata, Ahmednagar – Pune Road ,
Tal- Parner, Dist- Ahmednagar ,Pin- 414302

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● DTE Code : 5356 ● MSBTE Code : 1466



PROSPECTUS



SHREE SAMARTH POLYTECHNIC

Affiliation: The Institute is Approved by AICTE New Delhi, Recognized by Government of Maharashtra & DTE and Affiliated to Maharashtra State Board of Technical Education (MSBTE), Mumbai for the purpose of courses study, syllabus, examinations & Award of Diploma in Engineering after completion of the course successfully.

Vision Of Institute

Technical Education to training rural youth to achieve technical education and cultured citizens equipped with latest knowledge of modern science and technology, capable of skilled work, spirit of patriotism and sense of pride in the profession.

Mission Of Institute

To educate the youth through technical education different faculties to cater the needs of the modern industry.

Campus Features:

- Campus Spread on 15.22 acres of land .
- Campus Surrounded by large number of trees & creepers which creates eco-friendly & healthy atmosphere
- Well-designed academic building including laboratories, language lab, library, computer center, workshop, classrooms, tutorial rooms, seminar hall, drawing hall, etc.
- Facilities like separate boys & Girls Common Room R.O. drinking water, Uninterrupted water & power supply, 8 mbps internet, transport, Photocopying, Scanning, Printing, playground, canteen, etc.
- Nearby Supa, Ranjangaon, Ahmednagar, Pune MIDC areas.

Academic Features:

- Qualified & Experienced faculty and Staff
- Trainings to faculty & Students
- Weekly tests on covered Topics
- Excellent results of MSBTE Exam
- Industrial visits & Industry expert Lectures
- Technical events, Cultural, Gathering, Sports Activities
- Parent meet, student counseling & feedback system
- Campus interviews by industries

Scholarship:

Central Govt. Scholarship / free ship for SC/ST/ VJ/NT/ DT/OBC/SBC students
Central Govt. scholarship to Minority students
State Govt. EBC scholarship to Open students
MSBTE scholarship to meritorious students

PHOTOS



Courses offered:

Institute is running following three years Diploma in Engineering courses

S. N.	Courses offered	Intake	Choice Code
1	Mechanical Engineering (ME)	120	535661210
2	Computer Engineering (CO)	60	535624510
3	Civil Engineering (CE)	60	535619110
4	Electronics & Telecommunication Engg. (EJ)	60	535637210
Total Intake		300	



DEPARTMENT

COMPUTER ENGINEERING

About Department

Department of Computer Engineering established in is dedicated to produce students who excel in this field. Department has highly qualified and young faculty along with experienced faculty. Computer laboratories are equipped with latest computers and other equipment's. The department of Computer Engineering strives to provide innovative and quality education with high standard so as to achieve academic excellence and create conducive platform for the students to achieve their career goals.

VISION

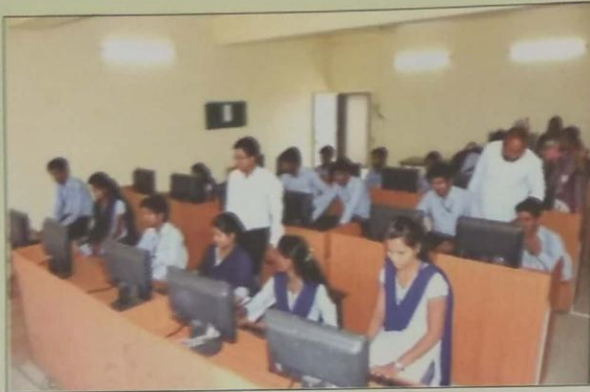
- To produce cultured and technically competent computer professionals using latest technologies and high quality learning aids.

MISSION

- To prepare our students with knowledge and expertise in the field of computer technologies to contribute significantly to the industry and society.
- To nurture the interpersonal and entrepreneurship skills of our students enabling them to provide leadership in the field of computer engineering.
- To provide high quality learning and research environment for students.

Laboratory

PROGRAMMING LAB



NETWORKING LAB



SOFTWARE TESTING LAB



COMPUTER HARDWARE LAB



Job Opportunities

After completion of Diploma in Computer Engineering students can start their own business. Also they have opportunities to start their career in following government, private or co-operative sectors.

- ❖ Project Assistants, System Administrator in computerized Industries
- ❖ Junior Engineer at BSNL, Railways, MSEB, LIC, ZPs, Municipal Corporations etc
- ❖ Hardware Support Engineer in Computer Hardware Companies
- ❖ Software Support Engineer, Programmer, Junior Test Engineer in Software Companies
- ❖ Network Administrator, Network Support Engineer in Computer Networking
- ❖ Technical Assistant at various Government offices, BPOs, Super Markets, Hospitals etc.
- ❖ Lab Assistant in Engineering, Polytechnic, etc technical college Eligible for admission to Direct second year in Engineering college

DEPARTMENT

ELECTRONICS & TELECOMMUNICATION ENGINEERING

About Department

E&Tc Engineering students study the behavior and effects of electrons in electron tubes, semiconductors, electronic components, devices, equipment's & systems. They also study it's applications in consumer electronics, Mobile Communication, Television, CD & DVD player, diagnostic & treatment devices for medicine, radar, robots, computer, military, research, etc.

Electronics has major role in improving productivity in industries. It is a constantly changing & widening branch having applications in every discipline of engineering. Candidates having creative & inventive mind will probably find E&Tc Engineering a challenging and lucrative career.

This department has E&Tc Engg Students Association (ETSA). Under this council various activities are held like industrial visits, industry expert lectures, paper presentation, technical quiz, project competitions, poster competitions etc for technical & overall development of student.

VISION

To be recognized by the society at large as an excellent department, offering quality higher education in the Electronics and Communication Engineering field with research focus catering to the needs of the public and being in tune with the advancing technological revolution and changing cultural challenges

MISSION

To achieve the vision the department will

- Establish a unique learning environment to enable the students to face the challenges of the Electronics and Communication Engineering field
- Promote the establishment of centers of excellence in niche technology areas to nurture the spirit of innovation and creativity among faculty and students
- Provide ethical and value based education by promoting activities addressing the societal needs
- Enable students to develop skills to solve complex technological problems of current times and also provide a framework for promoting collaborative and multidisciplinary activities

Laboratories

Main objective of department is to impart strong background of practical knowledge. Keeping in line with fast changing technology the department has well designed & equipped laboratories.

Basic Electronics Lab



Power & measurement Lab



Digital & Microprocessor Lab



Communication Lab



Job Opportunities :

After passing Diploma in E&Tc Engineering students can start their own business. Also they have opportunities to start their career as junior engineer, Research Engineer, Quality control Supervisor, Technical Assistants etc in following government, private or co-operative sectors.

- ❖ Bharat Sanchar Nigam Limited (BSNL), MSEB, Indian railway, All india radio & Doordarshan Kendra
- ❖ Bharat Electronics Limited (BEL), Bharat Heavy Electrical Limited (BHEL), LIC
- ❖ Bhabha Atomic Research Centre (BARC), Indian Space Research Organization (ISRO)
- ❖ Military, Navy, Air force, Wireless, Police etc Govt. sectors
- ❖ Mobile, TV, Computer, electronics, mechanical, chemical etc industries
- ❖ Lab Assistant in Engineering, Polytechnic, etc technical colleges
- ❖ Eligible for admission to Direct second year in Engineering college

DEPARTMENT

CIVIL ENGINEERING

About Department

Civil Engineering is a broad field of engineering dealing with the planning, designing, construction, maintenance & curriculum like Surveying, Structures, Mechanics, Material Science, Construction, Geography, Geology, Soil investigation, Hydrology, Environment, Transport, etc

Civil engineer plays a vital role in creating the man made environment by protecting natural facilities, dams, water supply systems, tunnels, airports, pipelines, with the use of eco-friendly materials.

This department has Association of Civil Engg. Students (ACES). Under this council various activities are held like industrial visits, industry expert lectures, paper presentation, technical quiz, project competitions, poster competitions etc for technical & overall development of student.

VISION

The Civil Engineering Department imparts quality education to enable technical manpower in the field of civil engineering with the capabilities to take challenges of upcoming technologies.

MISSION

To impart quality education to the students in order to serve society and nation by providing solutions to the challenges in the field of civil engineering.

Laboratory

Surveying



Public Health Lab



Geotechnical lab



Concrete Technology



Job Opportunities:

After passing Diploma in Civil Engineering students can start their own business. Also they have opportunities to start their career as junior engineer, Assistant Engineer, Surveyor, Research Engineer, Supervisor, Technical Assistants etc in following government, private or co-operative sectors.

- ❖ Public Work Department (PWD), Irrigation Department, MSRTC, etc Municipal corporations, MHADA, HUDCI, CIDCO, BSNL, MSEB, Indian railway, etc
- ❖ Building planning, designing, construction departments of every sector.
- ❖ Military, Navy, Air force etc Government sectors
- ❖ Government or private building contracts
- ❖ Lab Assistant in Engineering, Polytechnic, etc technical colleges
- ❖ Eligible for admission to Direct second year in Engineering college

DEPARTMENT

MECHANICAL ENGINEERING

About Department

Mechanical engineering is one of the broadest and oldest branches of engineering. Mechanical engineering students study design, analysis, testing, manufacturing, control, operation and maintenance of all type of machinery in industries. They requires an understanding of core concepts including mechanics, kinematics, thermodynamics, materials science, structural analysis and electricity.

Mechanical engineers use these core principles along with tools like computer-aided engineering and product lifecycle management to design and analyze manufacturing plants, industrial equipment and machinery, heating and cooling systems, transport systems, aircraft, watercraft, robotics, medical devices, weapons and others.

Mechanical engineers are employed in industries whose function is concerned with manufacturing, steel production, mining, transportation, communications, oil refining, chemical manufacture, paper, sugar, textile, aerospace, nuclear energy, natural gas production and transmission.

This department has of Mechanical Engg. Students Association (MESA). Under this council various activities are arranged like industrial visits, industry expert lectures, paper presentation, technical quiz, project competitions, poster competitions etc for technical & overall development of student.

VISION

Shaping Quality Engineer through Value based Education.

MISSION

To Provide Value- based technical education and mold the character of younger generation

Laboratories

Department has well designed & equipped laboratories which enables faculty & students to employ fundamental principles to employ fundamental principles to .

Fitting Shop



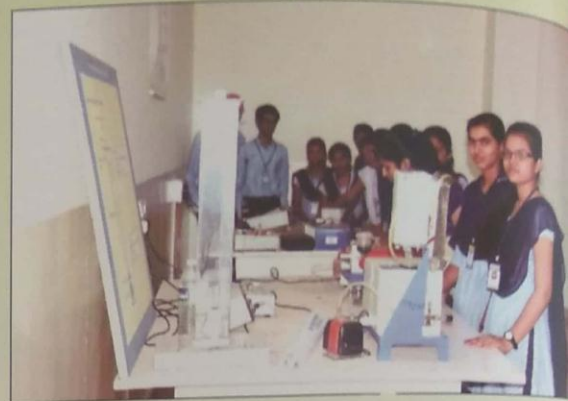
Machin Shop



Power Engineering & Thermal Engineering Lab



Metrology & Quality Control Lab



Measurement & Control Lab



Theory of Machine & Mechanism Lab



Job Opportunities

After passing Diploma in Mechanical Engineering students can start their own business. Also they have opportunities to start their career as junior engineer, Assistant inspector, quality control Supervisor, Technician, Technical Assistants etc in following government, private or co-operative sectors.

- ❖ MSEB, MSRTC, Public Work Department (PWD), Indian railway, etc Government sectors
- ❖ DRDO, Military, Navy, Air force, HPGC, ONGC, SAIL, GAIL, etc Government sectors
- ❖ Private industries like TATA Motors, Mahindra & Mahindra, Bajaj Auto etc
- ❖ After Completion of Design Course CAD/CAM, Pro-E, CNC Programming got White collar Job in industry.
- ❖ Instructor in ITI colleges
- ❖ Lab Assistant in Engineering, Polytechnic, etc technical colleges
- ❖ Eligible for admission to Direct second year in Engineering college

Training & Placement Cell

Institute has strong training & placement cell which keeps license with industries at MIDC Mumbai, Pune, Aurangabad, Ahmednagar, Ranjangaon, Supa, Chakan, Pimpri Chinchwad etc. We are providing the best job opportunities to our final year students by arranging campus interview. We have signed Memorandum of Understanding (MOU) with the industries so as to strengthen industry institute interaction.

Objectives of Cell:

To improve employability of students by arranging following Soft Skill Trainings to suit need of industry by field experts.

- ❖ English speaking, Communication Skills, Personality development
- ❖ Motivational talks, Career Guidance, Planning & Mapping
- ❖ Group discussions, Aptitude test, Interview techniques etc
- ❖ To organize Seminars & expert lectures from industry for the benefit of students
- ❖ To organize industrial visits & in plant trainings in various industries
- ❖ To motivate students for competitive examinations leading to higher education
- ❖ To organize faculty development training programs to enhance technical & teaching skills
- ❖ Placing students in their own dream companies by arranging campus interviews
- ❖ Motivating & Developing students as an entrepreneur

Placement:

Ur students selected in following companies through campus interviews.

- ❖ Tata Motors Pvt. Ltd., Pune
- ❖ Mahindra & Mahindra Pvt. Ltd, Sanaswadi MIDC, Pune
- ❖ Intelnet IT Solutions, Pune
- ❖ Godrej Group Of Industry, Mumbai
- ❖ Epitome Components Pvt. Ltd., Supa MIDC, Ahmednagar
- ❖ KSPG Automotive India Pvt.Ltd, Supa MIDC, Ahmednagar
- ❖ Line Leader TGL India Pvt Ltd, Ranjangaon MIDC, Pune
- ❖ Sigma Electrical Pvt.LtdEngineering Group, Ranjangaon MIDC, Pune

Admission Process

- Duration of Course**

Our institute offering following Diploma in Engineering courses of three academic years

Diploma in Engineering Courses	Code	Duration	Intake (Seats)	Choice Code
Mechanical Engineering	ME	3 Years	120	535661210
Electronics & Telecommunication Engineering	EJ	3 Years	60	535637210
Computer Engineering	CO	3 Years	60	535624510
Civil Engineering	CE	3 Years	60	535619110

- Eligibility / Minimum Qualification for Admission**

- For First Year Diploma Admission**

Passed S.S.C. or Equivalent Examination with subjects English, Mathematics and Science

- For Direct Admission to Second Year Diploma**

1. Passed HSC Science / Technical / Vocational (MCVC) / ITI (2 years) or equivalent
2. The candidate passed HSC / ITI should have passed SSC or equivalent exam with subjects English, Mathematics and Science
3. The candidate passed ITI (COE) should have passed SSC or equivalent exam with subjects English, Mathematics and Science AND ITI (COE) with three modules (Sector Module, Advanced Module and Specialized module) of 2 years duration.

- Age Limit**

There is no age limit for admission.

- Admission Procedure**

Admission procedure will be conducted according to the DTE process i.e. CAP (Centralized Admission Process) round I, II & III. 80% seats will be filled according to DTE process and remaining 20% seats will be filled at institute level on merit basis.

Eligible candidates should apply in the prescribed Application Form only to the Principal Shree Samarth Polytechnic Mhasane Phata Tal- Parner, Dist- Ahmednagar for Institute level admission (20 % seats) and for admission through Centralized Admission Process (CAP- 80% seats), as per the rules / notification for admission to First Year Of Post SSC Diploma Course in Engineering /Technology, Directorate of Technical Education, Maharashtra State. For details refer the DTE web site: <http://www.dte.org.in>.

- Documents Required**

1. Certificate of Passing of the Qualifying Examination i.e. S.S.C or its equivalent examination.
2. HSC Science / Technical / MCVC/ ITI Mark sheet (If applicable).
3. School / Institute Leaving Certificate (after Qualifying Examination) **OR** N Proforma.
4. Certificate of Date of Birth (if the Date of Birth is not mentioned in the schools Leaving Certificate).
5. Certificate of Nationality / leaving certificate showing Indian Nationality & Domestic Certificate.
6. Mark sheets of Std. 8th & 9th **OR** Z Proforma.
7. Caste Certificate from Executive Magistrate / Tahsildar for Backward class candidates.

8. Income certificate if income is up to Rs.1 lacks for E.B.C. (Open) freeship **OR** up to Rs. 6 lacks for Tuition Fee Waiver Scheme (TFWS) issued by the Magistrate / Tahsildar or equivalent authority.
9. Non Creamy Layer Certificate valid for the current year, issued by the Magistrate / Tahsildar or equivalent authority for OBC, SBC, NT-B, NT-C, NT-D, VJ/DT Candidates.
10. Gap Certificate (if applicable)
11. CAP Allotment Letter (Only for CAP Round Admission)
12. Five Passport size Photographs & Two set of attested Xerox copies of all documents
13. Candidate claiming seat reserved for Physically Handicapped, should produce certificate from Civil Surgeon regarding his / her physical disability.

Reservation of Seats

The distribution of seats amongst backward class candidates as per current Govt. Rules is as follows

S. N.	Category of Reservation	% of Reservation
1	Scheduled Caste and Schedule Caste converts to Buddhism	13.0
2	Schedule Tribes (ST)	7.0
3	Vimukta Jati (VJ) And De Notified Tribes (DT)	3.0
4	Nomadic Tribes (NT-B)	2.5
5	Nomadic Tribes (NT-C)	3.5
6	Nomadic Tribes (NT-D)	2.0
7	Other Backward classes (OBC)	19.0
Total		50

Seats for TFWS (Tuition Fees Waiver Scheme) Candidates

5 % seats of sanctioned intake per course shall be available for these admissions. Sons & daughter having annual income up to 4.5 lacks from all sources shall be eligible for seats under this scheme. All other fees except tuition fees will have to be paid by beneficiary.

Seats for OMS Candidates

The seats remaining vacant, if any, after offering admissions to all Maharashtra Candidates on the merit list will be offered to eligible candidates from Outside Maharashtra State (OMS) candidates as per rules & regulations of DTE, Mumbai.

Seats for Direct Second Year Admission

20 % seats of the sanctioned intake & vacant seats (if any) are available for direct admission to Second Year Post SSC full time Diploma in engineering courses.

Fees & Deposits

The fees and deposits will be as per the rules / regulation of Government of Maharashtra & Shikshan Shulk Samiti, Mumbai.

Cancellation of Admission & Refund of Fees

Cancellation of admission & fees will be refunded as per the admission rules / regulation of DTE, Mumbai.

- **Affiliation & Examination**

The institute is affiliated to MSBTE, Mumbai for the purpose of course study, syllabus and conduct examination and award of diploma.

- **Grant of Terms**

The candidate will be granted a term provided he / she has satisfactory completed the prescribed course of study and has kept 80% attendance for theory and practical separately for each subject.

- **Standard of Passing**

To pass the diploma course in Engineering / Technology the candidate must obtain minimum 40% marks separately in theory and practical.

- **Transfer of Student**

A candidate once admitted in the first year or semester of a course shall not be transferred during the same year or semester to any other institution or course for any reason.

- **Change of Course**

A Candidate is eligible for change of course in second year provided that his / her result is at least Pass in first year & seat is vacant in other course. As per MSBTE rules, such candidate has to give back log subjects of first year of changed course.

- **Rights of Management**

Management reserves the right to modify, alter, revise or amend the rules & regulations without prior intimation and will be binding on the student.

- **Government Scholarship & Freeship**

Govt. Scholarship & Freeship facilities to EBC, OBC, SC, ST, DT, VJ, NT, SBC, Minority Community (Muslim, Buddhist, Sikh and Christian), Handicap and Defense etc are provided to all eligible candidates as per Government Norms from time to time.

This facility is available for those candidates who are admitted through CAP (Centralized Admission Process).

S. N.	Government	Govt. Office / Dept	Beneficiary Student	Amount in Rs.
1	From Government of India	District Social Welfare office	SC / ST / DT / VJ / NT / SBC	100 % Tuition Fees
			OBC	50% Tuition Fees
2	From State Government of Maharashtra	DTE, Mumbai	EBC	50% Tuition Fees
3	From Government of India & State Government of Maharashtra	Minority Community, Mumbai	Buddhist / Muslim / Sikh / Christian	25000/-
4	From State Government of Maharashtra	MSBTE, Mumbai	Students having Marks above 70%	7000/-