Question: What is the Maharashtra State Board of Technical Education (MSBTE)?

Answer: The Maharashtra State Board of Technical Education (MSBTE) is an autonomous board of education in Maharashtra, India. It designs and implements diploma, post diploma, and advanced diploma programs for affiliated institutions. Established in 1963, MSBTE aims to cater to the increasing needs of technical education in the state.

Question: What is the official website of MSBTE?

Answer: The official website of MSBTE is https://msbte.ac.in.

Question: What are the key functions of MSBTE?

Answer: MSBTE is responsible for:

- Designing and developing the curriculum for Diploma, Post Diploma, and Advanced Diploma Programs.

- Granting affiliation to institutes running MSBTE programs.

- Conducting academic monitoring through Curriculum Implementation and Assessment Norms (CIAAN).

- Organizing faculty development programs, including industrial training.

- Conducting examinations, declaring results, and awarding certificates.

- Prescribing curriculum standards and generating question papers.

- Developing learning resources such as lab manuals, CAI packages, and textbooks.

- Organizing career fairs and technical competitions for students.

- Providing scholarships to meritorious and needy students.

- Conducting online MSCIT examinations.

Question: When was MSBTE established?

Answer: MSBTE was established in August 1963 to oversee technical education in Maharashtra. It was granted autonomous status in 1999.

Question: What types of exams does MSBTE conduct?

Answer: MSBTE conducts Summer and Winter exams every six months.

- **Summer exams** are held in April/May.

- **Winter exams** are held in November/December.

MSBTE also conducts mid-term and final examinations for diploma courses.

Question: Does MSBTE provide industrial training?

Answer: Yes, MSBTE conducts industrial training for 4th semester diploma students after their exams. The training lasts for six weeks.

Question: What are the core values of MSBTE?

Answer: MSBTE's core values include:

- Skill development aligned with industry requirements.

- Industry readiness and employability of diploma holders.

- Synergistic relationships with industry.

- Development of all stakeholders collectively.

- Technological interventions for societal development.

- Access to uniform, high-quality technical education.

Question: What is the vision of MSBTE?

Answer: The vision of MSBTE is to ensure that diploma-level technical education matches the latest technological and industrial requirements while promoting all-round personal development of students. MSBTE aims to become a globally competitive, technology-led organization.

Question: What is the mission of MSBTE?

Answer: MSBTE's mission is to provide high-quality technical and managerial manpower, information, and consultancy services to industry and the community to help them face technological and environmental challenges.

Question: How is MSBTE structured?

Answer: MSBTE is structured with:

- **Top-Level Administration:** Director, Secretary.

- **Departments & Cells:** Examination Cell, Curriculum Development Cell, Learning Resources Development, Faculty Development, Student Development, HRD, and others.

- **Governing Council and Board Members.**

- **Regional Offices (RBTEs):** Located in Mumbai, Pune, Chatrapati Sambhaji Nagar, and Nagpur.

Question: Who is the current president of MSBTE?

Answer: The current president of MSBTE is Shri. Chandrakant Patil, the Hon'ble Minister of Higher and Technical Education.

Question: How can students benefit from MSBTE?

Answer: Students benefit from MSBTE through:

- High-quality diploma education and updated curricula.

- Industry-relevant skill development and industrial training.

- Scholarships for meritorious and financially needy students.

- Participation in state-level technical competitions.

- Career fairs and employability enhancement programs.

Question: Where are MSBTE's regional offices located?

Answer: MSBTE has regional offices in:

- Mumbai

- Pune

- Chatrapati Sambhaji Nagar

- Nagpur

Question: What is the role of the Examination Cell in MSBTE?

Answer: The Examination Cell is responsible for:

- Managing and conducting exams.

- Preparing and distributing question papers.

- Processing results and maintaining records.

- Conducting online examinations.

- Coordinating examination resources.

Question: What is the role of the Curriculum Development Cell in MSBTE?

Answer: The Curriculum Development Cell handles:

- Developing and revising curricula.

- Granting affiliation and academic equivalence to institutions.

- Monitoring institutes for compliance with MSBTE guidelines.

- Approving faculty for teaching MSBTE courses.

- Granting academic autonomy to eligible institutions.

Question: Does MSBTE provide scholarships?

Answer: Yes, MSBTE provides scholarships to **needy and meritorious students** to support their education and career growth.

Question: What kind of technical competitions does MSBTE organize?

Answer: MSBTE organizes **state-level technical competitions** such as:

- **Student Paper Presentation Competitions.**

- **Technical Quiz Competitions.**

These events help students enhance their technical and presentation skills.

Question: How does MSBTE support faculty development?

Answer: MSBTE organizes Faculty Development Training Programs, including:

- Content updating training.

- Soft skills and management training.

- Hands-on industry skill training.

- Specialized polytechnic teacher training programs.

Question: How does MSBTE use technology in education?

Answer: MSBTE integrates technology through:

- **Online MSCIT Examinations.**

- **Development of digital learning materials.**

- **Use of AI-based question paper generation.**

- **Web-based academic monitoring.**

Question: What is the duration of the MSBTE Computer Engineering program?

Answer: The duration of the MSBTE Computer Engineering program is **6 semesters** (3 years).

Question: What is the program code for MSBTE Computer Engineering?

Answer: The program code is **CO/CM/IF/CW**.

Question: What are the core subjects in the first semester of MSBTE Computer Engineering?

Answer: The first semester includes:

- English

- Basic Science (Physics, Chemistry)

- Basic Mathematics

- Fundamentals of ICT

- Engineering Graphics

- Workshop Practice

Question: What are the total marks for the first semester?

Answer: The total marks for the first semester are **700**.

Question: What programming languages are introduced in the second semester?

Answer: The second semester includes **C programming**.

Question: What are the key subjects in the third semester?

Answer: The third semester includes:

- Object-Oriented Programming Using C++

- Data Structure Using C

- Computer Graphics

- Database Management System

- Digital Techniques

Question: What networking-related subjects are included in the fourth semester?

Answer: The fourth semester includes **Data Communication and Computer Networks**.

Question: What advanced programming subjects are covered in the fifth semester?

Answer: The fifth semester covers:

- Advanced Java Programming

- Client-Side Scripting

- Advanced Database Management Systems

Question: What are the major focus areas in the final (sixth) semester?

Answer: The sixth semester includes:

- Mobile Application Development

- Emerging Trends in IT

- Web-Based Application Development

- Network and Information Security

- Data Warehousing

- Capstone Project Execution

Question: Does the program include any industrial training?

Answer: Yes, the **fifth semester** includes **Industrial Training** and **Capstone Project Planning**.

Question: What elective courses are available in the final semester?

Answer: Students can choose from:

- Web-Based Application Development Using PHP

- Network and Information Security

- Data Warehousing with Mining Techniques

Question: Is entrepreneurship included in the syllabus?

Answer: Yes, the final semester includes **Entrepreneurship Development** as a subject.

Question: How many total marks are there in the final semester?

Answer: The final semester has **850 total marks**.

Question: What is the medium of instruction for MSBTE Computer Engineering?

Answer: The medium of instruction is **English**.

Question: How long is each semester in terms of duration?

Answer: Each semester lasts **16 weeks**.

Question: What are the different assessments in the final semester?

Answer: The assessments include **theory exams, practical exams, and project execution**.

Question: What are the major software tools used in the course?

Answer: The course includes tools such as:

- Visual Studio Code

- Eclipse

- MySQL

- MATLAB

- AutoCAD

Question: Can students pursue higher education after completing the diploma?

Answer: Yes, diploma holders can apply for **lateral entry** into **B.Tech/B.E. programs** in the second year.

Question: Is the MSBTE Computer Engineering diploma recognized by AICTE?

Answer: Yes, the MSBTE Computer Engineering diploma is **AICTE-recognized**.

Question: What career opportunities are available after completing this program?

Answer: Graduates can work as:

- Software Developers

- Network Administrators

- Web Developers

- Database Administrators

- IT Support Engineers

- Embedded Systems Developers

** basic information about Maharashtra State Board of Technical Education (MSBTE) **

* introduction to Maharashtra State Board of Technical Education (MSBTE)*

The Maharashtra State Board of Technical Education (MSBTE) is an autonomous board of education in the state of Maharashtra, India. It designs and implements diploma, post diploma and advanced diploma programs to affiliated institutions. The board was established in 1963 to cater the increasing needs of affiliated institutions and their students.

website url = https://msbte.ac.in

* what msbte do (key feature) ? *

Design and develop the curriculum of Diploma, Post Diploma and Advanced Diploma Programmes..

Grant affiliation to the institutes running MSBTE's programmes.

Conduct academic monitoring of the affiliated institutions, through Curriculum Implementation and Assessment Norms (CIAAN).

Organise Faculty Development Training Programs e.g. content updating trainings, soft skills trainings, industrial trainings and management trainings, hands on skills trainings for polytechnic teachers.

Grant equivalence to the programmes offered by autonomous polytechnics & other organisations.

Conduct examinations, declare results and award certificates.

Felicitate the State level rank holders and award certificates of Merit.

Prescribe standards for curriculum, infrastructure and other resources.

Generate question papers through Question Banks.

Design and develop curriculae of need based Diploma programmes.

Develop Lab Manuals, CAI Packages, Text books and other Learning resource packages for effective teaching learning process.

Revise the curriculae of the existing programmes periodically on scientific basis by conducting search conferences, studying technological advancements, latest market requirements, job analysis etc.

Undertake controlled academic autonomy projects of the Polytechnics outside Maharashtra State.

Organise Career Fairs to promote technical education especially in remote places.

Organise MSBTE State level technical competitions e.g. Students Paper Presentation, Technical Quiz etc.

Issue Scholarships to the needy and meritorious students.

Conducts Online MSCIT Examinations

* HISTORY *

The establishment of a separate board responsible for higher education dates back to 1963. Before the country's independence for British Raj, diploma courses in Engineering and Technology were provided institutions like the College of Engineering, Pune, Veermata Jijabai Technological Institute, Mumbai, Cusrow Wadia Institute of Technology, Pune and Government Polytechnic, Nagpur. A Directorate of Technical Education was set up in 1948 to control technical education in all levels. As industrial development increased, the demand for diploma courses also did, and the government established a separate Board of Technical Examinations in August 1963. It was later renamed to Maharashtra State Board of Technical Education and given an autonomous status in 1999.

* EXAM COUNDUCTED BY MSBTE *

MSBTE conduct Summer and Winter Exams every six months. The Summer exams are held during April/May Month and Winter exams are held during November/December month.

Dates and details for various examinations conducted under MSBTE, including mid-term and final examinations for diploma courses.

* industrial training *

MSBTE also conducts industrial training for 4th semester engineering diploma students after their 4th semester examination. The duration of this industrial training is six weeks.

* core values *

Skill development in line with industry requirements

Industry readiness and improved employability of Diploma holders

Synergistic relationship with industry

Collective and Cooperative development of all stake holders

Technological interventions in societal development

Access to uniform quality technical education

vision

To ensure that the Diploma level Technical Education constantly matches the latest requirements of Technology and industry and includes the all-round personal development of students including social concerns and to become globally competitive, technology led organization.

MISSION

To provide high quality technical and managerial manpower, information and consultancy services to the industry and community to enable the industry and community to face the challenging technological & environmental challenges

* functioning of MSBTE *

Top Level:

Director

Secretary

Departments & Cells (Reporting to Secretary):

Examination Cell

Exam Management

Question Paper

Result Process

Results Record

Question Bank

Online Exam

Resource Coordination

Learning Resources Development

Faculty Development

Students Development

School Council

Programs

HRD (Human Resource Development)

(No specific functions listed in the image)

Curriculum Development Cell

Affiliation and Institute Approval

Curriculum Development & Revision

Institute Monitoring

Faculty Approval

Granting Equivalence

Granting Academic Autonomy

MSBTE Organizational Structure

Top Level:

Governing Council

Sr. No. | Name | Description | Post

------- | -------- | -------- | --------

1 | Shri. Chandrakant Patil | Hon'ble Minister of Higher and Technical Education | President

2 | Shri. Indranil Naik | Hon'ble Minister of State Higher and Technical Education | Vice President

3 | Shri. B. Venugopal Reddy | Additional Chief Secretary, Higher & Technical Education Dept. Maharashtra State | Member

4 | Shri Bharat Dattatraya Amalkar | Industrialist | Member

5 | Dr. Rajendra G. Hiremath | Industrialist | Member

6 | Shri Vilas Tawde | Industrialist | Member

7 | Dr. Vinod M. Mohitkar | Director of Technical Education, Maharashtra State | Member

8 | Shri Umesh T. Nagdeve | Secretary, Maharashtra State Board of Technical Education | Member

9 | Dr. Pramod A. Naik | Director, Maharashtra State Board of Technical Education | Member Secretary

Governing Board

Sr. No. | Name | Description | Post

------- | -------- | -------- | --------

1 | Dr. Vinod M. Mohitkar | Director, Directorate of Technical Education, Maharashtra State, Mumbai | Chairman

2 | Dr. Pramod A. Naik | Director, Maharashtra State Board of Technical Education, Mumbai | Member

3 | Shri Shriram Panzade | Divisional Chairman, M.S. Board of Secondary & Higher Secondary Education, Divisional Office, Mumbai | Member

4 | Smt. Poonam Darade | Jt. Director of Industries, Office of the Jt. Director of Industries Mumbai Region, Mumbai | Member

5 | Dr. Ajeet Singh | Regional Officer, All India Council for Technical Education, Western Region, Mumbai | Member

6 | Shri Pramod Jumle | Director, Board of Apprenticeship Training, Western Region, Mumbai | Member

7 | Shri Satish Tidke | Dy. Secretary, Higher & Technical Education, Maharashtra State, Mumbai | Member

8 | Dr. Suhas S. Gajre | Principal, Government College of Engineering, Jalgaon | Member

9 | Smt. Padmaja Bhanu B. | Principal, K.J. Somaiya Polytechnic, Mumbai | Member

10 | Shri Ashish Anant Ukidve | Principal, Vidyalankar Polytechnic Wadala, Mumbai | Member

11 | Smt. Sandhya Vishnu Karande (Kolhe) | Head of the Department, Electronic & Telecommunication Engg. Guru Gobind Singh Polytechnic, Nashik | Member

12 | Smt. Jyoti Ramrao Hange | Head of Department, Computer Engg. Government Polytechnic, Pune | Member

13 | Shri Dhananjay Balwant Bapat | Industrialist, Nagpur | Member

14 | Shri Rajesh Solanki | Managing Director, Miraj Engineering Services Pvt. Ltd. Thane | Member

15 | Shri Vivek Naik | Managing Director, Apple Chemie India Pvt. Ltd., Nagpur | Member

16 | Shri Manoj Deshmukh | Founder and Director, Eteva Consulting Pvt. Ltd., Pune | Member

17 | Shri Hemant Chafale | Industrialist, Nagpur | Member

18 | Shri Umesh T. Nagdeve | Secretary, Maharashtra State Board of Technical Education, Mumbai | Member Secretary

MSBTE Head Office

Regional Offices (RBTEs):

RBTE Mumbai

Sr. No. | Name | Designation | E-mail

------- | -------- | -------- | --------

1 | Dr. Hemant M. Pardeshi | Deputy Secretary(T) | hmpardeshi@msbte.com

2 | Shri. Namdev Vijayakumar Matolkar | Assistant Secretary (T) | nvmatolkar@msbte.com

3 | Mrs. Nisha Rupaji Wartha | System Analyst | nrwartha@msbte.com

4 | Shri. Shailesh Madhukar Gaikwad | Assistant Secretary (NT) | smgaikwad@msbte.com

RBTE Pune

Sr. No. | Name | Designation

| ------- | -------- | -------- |
1	Shri. Vijay Marutrao Kolhe	Deputy Secretary (T.)
2	Mrs. Shital S. Fartade	System Analyst
3	Mrs. Amita Rajendra Kaigude	Assistant Secretary (T.)

RBTE Chatrapati Sambhaji Nagar

Sr. No. | Name | Designation

| ------- | -------- | -------- |
1	Shri. Devendra Ramesh Dandagawal	Dy. Secretary (T)
2	Dr. Deepali Garibdas Ganakwar	Assistant Secretary (T.)
3	Shri. Jagdish Gangadhar Ahirrao	System Analyst
4	Shri. Ashish Annasaheb Nikam	Special Task Officer

RBTE Nagpur

Sr. No. | Name | Designation

| ------- | -------- | -------- |
1	Mrs. Kanchan Sheshrav Mankar	Dy. Secretary (T)
2	Mrs. Vaishali Anirudh Raje	System Analyst
3	Shri. Dilip Kumar Hulasram Lilhare	Assistant Secretary (T.)

Question: What are the steps to enroll in an MSBTE course?

Answer: The steps to enroll are:

1. Visit the MSBTE official website.

2. Check eligibility criteria.

3. Fill out the application form.

4. Prepare required documents (certificates, ID proof, etc.).

5. Pay the application fee if applicable.

6. Submit the application form.

7. Follow up on application status.

8. Attend counseling/interviews if required.

Question: What is the academic schedule for yearly pattern programs?

Answer:

- **2nd & 3rd Year:** 15 July 2024 - 17 April 2025

- **1st Year:** 02 September 2024 - 17 April 2025

Question: When are the class tests scheduled for yearly pattern programs?

Answer:

- **First Class Test:** 23-25 October 2024 (2nd & 3rd Year), 12-14 November 2024 (1st Year)

- **Second Class Test:** 07-09 April 2025 (Both years)

- **Third Class Test:** Not applicable for 2nd & 3rd Year, 06-10 January 2025 for 1st Year

Question: What is the pharmacy academic schedule?

Answer:

- **2nd Year:** 15 July 2024 - 17 April 2025

- **1st Year:** 01 October 2024 - 17 April 2025 (with a one-week orientation program)

Question: When are the class tests for pharmacy courses?

Answer:

- **First Class Test:** 21-25 October 2024 (2nd Year), 23-28 December 2024 (1st Year)

- **Second Class Test:** 07-09 April 2025 (2nd Year), 03-08 February 2025 (1st Year)

- **Third Class Test:** Not applicable for 2nd Year, 07-12 April 2025 (1st Year)

Question: What is the exam form filling schedule for Winter 2024?

Answer:

- **Normal Fees:** 18 Sept - 06 Oct 2024 (Candidate), 18 Sept - 07 Oct 2024 (Institute), 15-17 Oct 2024 (RBTE)

- **Late Fee (₹200):** 08-09 October 2024

- **Penalty Fee (₹1500):** 11 October 2024