

**Note: - Please do fill the below required information in Times New Roman font Size 12 only (Strictly)**

**FACULTY OF TECHNOLOGY AND**  
**ENGINEERING ,**  
**THE MAHARAJA SAYAJIRAO UNIVERSITY OF**  
**BARODA**

Address	Faculty of Technology & Engineering, Kalabhavan, Opp. Badamdibaug, Dandiabajar, Post Box 51, Vadodara - 390001	
Website	<a href="http://www.msubaroda.ac.in">www.msubaroda.ac.in</a>	
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Fee per Year	Rs. 9,100/= ( excluding ACPC Fees)	
Type of Institute	Grant-In-Aid	
Establishment Year	1949	
Affiliation with (Constituent Faculty of )University	Constituent Faculty of The Maharaja Sayajirao University of Baroda	
Accreditation Details	NAAC Ranking - A	

### Brief note about Institute : - Maximum Eight lines

The Faculty of Technology and Engineering as it stands today formed along with the establishment of the Maharaja Sayajirao University in 1949 is an outgrowth of what was popularly known as the "Kala Bhavan Technical Institute" (KBTI) established in June 1890 by his late Highness The Maharaja Sayajirao Gaekwad III of Baroda state. With its diverse 14 departments offering finest specialization in Engineering, Architecture and Applied Sciences, the Faculty always keeps pace with the modern technology and updated curricula for variety of courses from UG, PG to Ph. D. to sustain its students in this competitive world.



### Various Achievements of Institute : - Maximum 10 Points

1. Awarded 'Centre of Excellence – Anchor Institute' in the field of Textiles, by Industries Commissionarate- Government of Gujarat.
2. Awarded 'Centre of Excellence in Polymer' by Industries Commissionarate- Government of Gujarat.
3. Awarded 'Centre of Excellence in Industrial Automation' by Siemens Industries Ltd.
4. Established 'Centre of Industrial Mathematics.'
5. Established 'Institute – Industries Interaction Cell' to promote Consultancy, R&D, and Industrial and Academic Training
6. Established 'Research and Consultancy Cell' at Faculty of Technology and Engineering
7. Hosting local chapter of SWAYAM NPTEL (NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING)
8. Nodal center for IIRS (Indian Institute of Remote Sensing) certificate courses.

## Infrastructural Facility Details: - Maximum Eight lines

Over and above best in class laboratories and research centers Faculty has its own Library, Conference & Seminar halls, Auditoriums & Amphitheatre and other infrastructural facilities. Faculty being constituent institute of The Maharaja Sayajirao university of Baroda the students has excess to vast common facilities like Health Centre, Indoor and Outdoor Sports Complex, Central Library, Computer Centre, Hostel with Mess, Central Auditorium and many more to enrich in co curricular activities. Wi-Fi facility available across campus, admission, enrolment and all types of fees and other payments are accepted by online mode through Digital University.



## Details of Research/ SSIP/ Industry Collaboration/ Placement/ other

1. From amongst 2019\_20 batch, 72% students were placed in Industries and 23% opted for higher studies.
2. In the academic year 2019\_20, around 190 students are enrolled for Ph.D and 21 Ph.D students graduated.
3. In the year 2019\_20, Rs.333 lakhs expended for library resources, software, new equipment for laboratories and for setting up classrooms, seminar rooms, laboratories etc.
4. In last two years 5 patents granted and awarded 7 sponsored research project worth Rs.13,36,56,560 (Rs. Thirteen crores sixty five lakhs fifty six thousand five hindered sixty)
5. In last two years, 28 consultancy projects amounting to Rs.1, 39, 49,500 (Rs. One crore thirty nine lakhs forty nine thousand five hindered) were awarded.
6. Every year around 110 GATE qualified M.E. students get PG STIPEND through Direct Bank Transfer Mode from AICTE.
7. Every year around 15 students get full benefit of Prime Minister's Special Scholarship Scheme (PMSSS)
8. Financially weak students get support from The M.S.University's own Directorate of Student Welfare (DSW) cell, Chief Minister's Scholarship scheme, as well as under various schemes of Government and private trusts.
9. NCC(all wings), NSS, Alumni associations, Career Advancement cell, Training and Placement, Start up and innovation support facility are available in campus
10. Human resource of the Faculty :( sanctioned) 325 Teaching staff , 195 Technical staff, 150 non teaching staff

**Facilities Available :-**

Boys Hostel	Total No. of beds:2500
Girls Hostel	Total No. of beds:1300
Mess	Yes
Transportation	Yes

**List of Courses available with the Institute (UG Level)**

Sr. No.	Course Name	Intake AICTE/UGC
1	M.E. Chemical Engineering – Petrochemical Engineering	12
2	M.E. Chemical Engineering – Polymer Technology	12
3	M. E. Civil Engineering – Fracture Mechanics	18
4	M. E. Civil Engineering – Geotechnical Engineering	18
5	M. E. Civil Engineering – Highway & Transport Engineering	18
6	M. E. Civil Engineering – Hydraulic Structure	18
7	M. E. Civil Engineering – Irrigation & Water Management	18
8	M. E. Civil Engineering – Structural Engineering	18
9	M. E. Civil Engineering – water Resources Engineering	18
10	M. E. Electrical Engineering – Automatic Control & Robotics	18
11	M. E. Electrical Engineering – Electrical Power Engineering	18
12	M. E. Electrical Engineering – Industrial Electronics	18
13	M. E. Electrical Engineering – Microprocessor System Application	18
14	M. E. Environmental Engineering – Environmental Engineering	18
15	M. E. Mechanical Engineering – Jet Propulsion & Gas Turbine Plant	18
16	M. E. Mechanical Engineering – Production Engineering	18
17	M. E. Mechanical Engineering – Thermal Science	18
18	M. E. Metallurgy Engineering – Material Science & Technology	12

19	M. E. Metallurgy Engineering – Industrial Metallurgy	12
20	M. E. Textile Engineering – Textile Engineering	12
21	M. E.– Textile Processing	18
22	M. E. Textile Engineering – Man Made Textile	12