

About the Institution

C.U.Shah College of Engineering & Technology, Wadhwan City, established in 1997, situated on scenic banks of the river Bhogao at a distance of about 6 km from Surendranagar, is one of the most prestigious Colleges run by the Wardhman Bharti Trust. This College has been harvesting invaluable advantages of its location. Ahmedabad, Rajkot and Bhavnagar industrial belts are situated hardly at a distance of less than 140 km from the College. Surendranagar, Wadhwan, and Joravarnagar, the economically, socially and educationally developed cities, are located adjacent to each other. There are two industrial estates, GIDC, Wadhwan and Udyog nagar, Surendranagar. This belt has over 1000 industries from sectors like chemical, pharmaceutical, bearings manufactures, machine tools, etc. The College has been playing a key role not only in turning the Surendranagar District as one of the most prominent districts in the State, economically and educationally as well, but also has been functioning as a wonderful resource for trained technical manpower to the country.

About the Trust

The Wardhman Bharti Trust, Wadhwan City, established in 1969, is a charitable Trust. The Trust is fully devoted to the noble cause of spreading education in the region. The Trust's objective is to impart quality education from undergraduate-to-post-graduate levels in Arts, Science, Commerce, Pharmacy, Law, Medicine, Technical, Physical education, vocational training, etc. The Trust at present runs 16 educational institutions

Mission

Education is an engine of economy. Committed, students-centered, local and global need-based quality education with minimum costs at all levels- nursery, primary to post doctoral-ensures sustainable development of the society and enhances both the standard of living and quality of life of man, the last man of the society.

Vision

The Wardhman Bharti Trust committed to excellence in education, strives to take the students to their highest academic potential, generating in them self-esteem, respect for themselves and for others, harmony and tolerance in a structured, "Gurukul" like family oriented environment, that is to be achieved by committed faculty and staff members providing their students, on duly acknowledging student's experience and knowledge, an atmosphere of caring, discipline and understanding. The Trust challenges its students to be responsible person with character, thoughtfulness, positive contribution to society and above all, national minded and nation making.



**Engineering Education:
An Engine of Economy**

ME (CAD/CAM) Information Brochure

We are committed to ensure your future.



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Information Brochure Post-Graduate Programme in Master of Engineering (Mechanical : CAD/CAM) Year 2010-2011



Core Faculty

1. Dr. N.F.Shah, Professor
2. Prof. P.H.Darji, Asstt. Professor, M.E (CAD/CAM).
3. Prof. K.R.Gawande, Asstt. Professor, M.E (A.P.S).
4. Prof. V.P.Darji , Asstt. Professor, M.E (Metallurgy)
5. Prof. D. D. Patel, Asstt. Professor, M.E (CAD/CAM).
6. Prof. K.H.Wandra, Professor, M.E (Microprocessor).
7. Dr. R.B.Jadeja, Professor, M.Tech.(Power Apparatus)

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**C. U. Shah College of Engineering & Technology,
Surendranagar-Ahmedabad State Highway,
Near Kotharia Village, WADHWAN CITY: 363030,
District: Surendranagar (Gujarat).**

*Approved by All India Council for Technical Education,
New Delhi,*

*Affiliated to the Gujarat Technological University, Ahmedabad, and
Run by the Wardhman Bharti Trust, Wadhwan City: 363030.*

(O) 02752-247711/12/13/294004 FAX: 02752- 247712

E-Mail: ccetvbt@yahoo.com

Web Site: www.ccetvbt.org

Basic Academic Philosophy of the Institution

We encourage all the students to meet their academic goals and to work hard to maximize their academic potential. Students, faculty and staff of the College play an active role in the educational process, so that students will imbibe spirit of inquiry, discovery, critical analysis, problem handling, decision making and love for life long learning, creativity, responsibility, collaboration, leadership, independent thinking, generic skills, and thereby enhancing opportunities for individuals, organizations and society as a whole.

Quality Policy

The focus is on Quality oriented education and training inculcating such attributes as mental skills, numerical skills, problem handling skills, etc., in commensurate with respective discipline like Mechanical, Computer, Electrical, Electronics and Communication, Information Technology, etc.

Undergraduate Programmes Run by the Institution

The College at present runs the following AICTE approved six programs leading to the degree of Bachelor of Engineering awarded by the Gujarat Technological University, Ahmedabad

Sn.	Branch	Intake
1	Computer Engineering	90
2	Electronics & Communication Engg.	90
3	Information Technology	60
4	Bio-Medical & Instrumentation Engg.	60
5	Mechanical Engineering	60
6	Electrical & Electronics Engg.	60
Total		420

Besides the above Programmes, the College also runs AICTE approved MCA post-graduate Programme.

The College has expert and experienced faculty in Mechanical Engineering, excellently supported by experts from reputed big industrial houses and renowned academicians as visiting faculty. The strong features of the College are: e- Library with latest literature, spacious and well-equipped laboratories (CNC milling and a robot), and workshop, broad-band internet with Wi-Fi facility to all students, boys/girls hostels, etc. Round the year, faculty and students are involved in organizing various events including national conferences/workshops/seminars. The College has close interaction with industry and students are exposed to industrial world. The Training & Placement Cell and Alumni Association are the strong organs of the College. The College provides excellent student's amenities, like, parking, drinking water, canteen, student-stores, sports, etc.

Post-Graduate Program Offered

The College has started an AICTE approved post-graduate program, i.e., ME (Mechanical: CAD/CAM), Affiliated to Gujarat Technological University, Ahmedabad. The duration of the Program is two years and total intake is 18 students.

Programme Structure

M.E (Mechanical Engineering: CAD/CAM)

Semester – I	Semester – II
1. Advanced Mfg. Processes and Analysis	1. Computer Integrated Manufacturing
2. Advanced Dynamics of Machines	2. Computer Aided Production Planning
3. Advanced Machine Design - 1	3. Advanced Machine Design – II
4. Computer Aided Design	4. Robotics and Artificial Intelligence
5. Finite Elements Method	5. Automation in Production & Quality Engineering
6. Advanced Mechanical Engineering Software Practice	6. Seminar

Semester III & IV

❖ Dissertation Phase

Eligibility Criteria

The eligibility criteria for admission to the said Program are:

- Candidate must have passed Bachelor of Engineering / Technology from a recognized university with minimum 55 % marks (or equivalent cumulative grade point index) in the discipline of Mechanical, Production or Mechatronics Engineering.

Selection Procedure

- Selection is purely on merit basis.
- Merit will be decided as follows :
- **GATE Candidates:-**
Gate Percentile
- **Non – GATE Candidates :-**
BE Marks, written one – hour objective Test.
- In case of a tie, the merit will be decided in the order of BE degree marks, XII standard marks, X standard marks, date of birth and toss.
- No separate call letters will be mailed to the candidates. They must strictly adhere to the “Important Dates” and appear for Test / Admission as the case may be.

Tuition Fees

Tuition fees, as approved by the competent authority per candidate per year will be charged as given below

- **Tuition fees :-** Rs. 60,000/-
- The fees once paid is not refundable, if a student does not report after admission or leaves after commencement of the term.
- If admission is confirmed, the concerned candidate is required to pay Rs. 5,000/- on the same day as a token of acceptance of admission which is non-refundable. This amount will be adjusted subsequently with the remaining fees.

Teaching Assistantship

A few selected candidates may be offered teaching assistantship depending on requirements up to Rs 5000/- per month.

Important Dates:-

Activity	Date
Issue of Application forms (Can be downloaded from our website www.cetvbt.org)	As per scheduled to be declared by Gujarat Technological University
Last date of Receiving Application form	from time to time
Declaration of Merit list (For GATE)	
Admission for GATE Candidate	
Written Test & Admission for Non-GATE Candidates	
Commencement of the Program	

Downloaded Application must be submitted along with D.D (Non – Refundable) of Rs. 500 in favour of “C. U. Shah College of Engg & Tech.” Payable at “Surendranagar” in a sealed envelop marked as “ME CAD/CAM” on its top right corner before the expiry of the last date as cited above to:

Dr. G.R.Kulkarni

The Principal

C. U. SHAH COLLEGE OF ENGG & TECHNOLOGY, Surendranagar-Ahmedabad State Highway, Near Kotharia Village, WADHWAN CITY: 363030, District: Surendranagar (Gujarat).