



THE 360^o EDUCATION

Nurturing Students For Global Careers

**KNOWLEDGE
IS THE
CURRENCY
FOR THE
21st CENTURY**





INDEX

| | |
|--|---------|
| COURSES | Page 4 |
| ABOUT MEFGI | Page 8 |
| ACADEMIC ACHIEVEMENTS | Page 12 |
| PLACEMENT AT MEFGI | Page 20 |
| FACILITIES | Page 24 |
| EVENTS | Page 34 |
| RESEARCH, CONSULTANCY AND PUBLICATIONS | Page 42 |
| ASSOCIATIONS & MOUs | Page 48 |
| STUDENT CLUBS | Page 52 |
| ADMISSION | Page 58 |

GUJARAT TECHNOLOGICAL UNIVERSITY (GTU) COURSES

BACHELOR OF ENGINEERING (BE) PROGRAMS UNDER GTU (Approved by AICTE)

| INSTITUTES | PROGRAM | BRANCH | SEATS | FEES PER SEMESTER | AFFILIATED TO | ADMISSION BY |
|---|-------------------------------------|---------------------------|--------|-------------------|---------------|--------------|
| Faculty of Engineering (FoE) GTU College Code: 057 Faculty of P.G. Studies & Research in Engineering & Technology (FoPG) GTU College Code: 116 | Bachelor of Engineering (BE) | Mechanical | 300 | 42,000 | GTU | ACPC |
| | | EC | 60 | 42,000 | GTU | ACPC |
| | | Computer | 240 | 42,000 | GTU | ACPC |
| | | Information Technology | 60 | 42,000 | GTU | ACPC |
| | | Civil | 180 | 42,000 | GTU | ACPC |
| | | Electrical | 180 | 42,000 | GTU | ACPC |
| | | Envt. Sci. & Eng. | 120 | 42,000 | GTU | ACPC |
| | | Instrumentation & Control | 60 | 42,000 | GTU | ACPC |
| | | Automobile | 60 | 42,000 | GTU | ACPC |
| Diploma to Degree (D2D) | All Branch | 350 | 36,000 | GTU | ACPC | |

MASTER OF BUSINESS ADMINISTRATION (MBA) PROGRAMS UNDER GTU (Approved by AICTE)

| | | | | | | |
|--|------------------------------|-------------------|-----|--------|-----|------|
| Faculty of Management (FoM) GTU College Code: 0734 | Management (MBA, MAM) | MBA | 300 | 40,000 | GTU | ACPC |
| | | MAM (Dual Degree) | 60 | 16,000 | GTU | GTU |

**MASTER OF ENGINEERING (ME) PROGRAMS UNDER GTU
(Approved by AICTE)**

| INSTITUTES | PROGRAM | BRANCH | SEATS | FEE PER SEMESTER | AFFILIATED TO | ADMISSION BY |
|---|----------------------------|-----------------------------------|-------|------------------|---------------|--------------|
| Faculty of P.G. Studies & Research in Engineering & Technology (FoPG) GTU College code - 116 | Master of Engineering (ME) | ME - Mech. CAD/CAM | 18 | 44,500 | GTU | ACPC |
| | | ME - Computer | 36 | 44,500 | GTU | ACPC |
| | | ME - Civil - Structural Engg. | 18 | 44,500 | GTU | ACPC |
| | | ME - Electrical - PE&ED | 18 | 44,500 | GTU | ACPC |
| | | ME - Electrical | 18 | 44,500 | GTU | ACPC |
| | | ME - EC | 36 | 44,500 | GTU | ACPC |
| | | ME - EC - VLSI System Design | 18 | 44,500 | GTU | ACPC |
| | | ME - Thermal Engineering | 18 | 44,500 | GTU | ACPC |
| | | ME - Civil - Transportation Engg. | 18 | 44,500 | GTU | ACPC |

**MASTER OF COMPUTER APPLICATIONS (MCA) PROGRAMS UNDER GTU
(Approved by AICTE)**

| | | | | | | |
|---|-----|-------------------|-----|--------|-----|------|
| Faculty of Computer Applications (FoCA) GTU College code 0522 and 0558 | MCA | MCA | 360 | 40,000 | GTU | ACPC |
| | | MCA (Dual Degree) | 60 | 16,000 | GTU | GTU |

MARWADI UNIVERSITY COURSES

PROGRAMS UNDER MARWADI UNIVERSITY

BACHELOR OF ENGINEERING (BE) PROGRAMS UNDER MARWADI UNIVERSITY (Approved by AICTE)

| INSTITUTES | PROGRAM | BRANCH | SEATS | FEES PER SEMESTER | AFFILIATED TO | ADMISSION BY |
|-----------------------------|------------------------------|------------------------|--------|--------------------|--------------------|--------------|
| Faculty of Technology (FoT) | Bachelor of Engineering (BE) | Mechanical | 180 | 42,000 | Marwadi University | ACPC |
| | | EC | 60 | 42,000 | Marwadi University | ACPC |
| | | Computer | 60 | 42,000 | Marwadi University | ACPC |
| | | Information Technology | 60 | 42,000 | Marwadi University | ACPC |
| | | Civil | 180 | 42,000 | Marwadi University | ACPC |
| | | Electrical | 120 | 42,000 | Marwadi University | ACPC |
| | | Automobile | 120 | 42,000 | Marwadi University | ACPC |
| | | Chemical | 60 | 42,000 | Marwadi University | ACPC |
| Diploma to Degree (D2D) | All Branch | 120 | 36,000 | Marwadi University | ACPC | |

BACHELOR OF ARCHITECTURE (B.Arch) PROGRAMS UNDER MARWADI UNIVERSITY (Approved by Council of Architecture-CoA)

| | | | | | | |
|-------------------------|---------------------------------|--------|----|--------|--------------------|------|
| Faculty of Architecture | Bachelor of Architecture B.Arch | B.Arch | 40 | 37,500 | Marwadi University | ACPC |
|-------------------------|---------------------------------|--------|----|--------|--------------------|------|

MASTER OF BUSINESS ADMINISTRATION (MBA) PROGRAMS UNDER GTU (Approved by AICTE)

| | | | | | | |
|---------------------------------------|-----------------------|-------------------|-----|--------|-----|------|
| Faculty of Business Management (FoBM) | Management (MBA, MAM) | MBA | 300 | 40,000 | GTU | ACPC |
| | | MAM (Dual Degree) | 60 | 16,000 | GTU | GTU |

| INSTITUTES | PROGRAM | BRANCH | SEATS | FEES PER SEMESTER | AFFILIATED TO | ADMISSION BY |
|----------------------------|--------------------------------------|-----------------------|-------|-------------------|--------------------|--------------------|
| Faculty of Science | Bachelor of Science - B.Sc. | B.Sc. - Micro Biology | 60 | 20,000 | Marwadi University | Marwadi University |
| | | B.Sc. - Bio Chemistry | 60 | 20,000 | Marwadi University | Marwadi University |
| | | B.Sc. - Chemistry | 60 | 20,000 | Marwadi University | Marwadi University |
| | | B.Sc. - Maths | 60 | 20,000 | Marwadi University | Marwadi University |
| | | B.Sc. - Physics | 60 | 20,000 | Marwadi University | Marwadi University |
| | Master of Science - M.Sc. | M.Sc. - Mathematics | 20 | 25,000 | Marwadi University | Marwadi University |
| | | M.Sc. - IT | 60 | 25,000 | Marwadi University | Marwadi University |
| | | M.Sc. - Chemistry | 20 | 25,000 | Marwadi University | Marwadi University |
| | | M.Sc. - Microbiology | 20 | 25,000 | Marwadi University | Marwadi University |
| | | M.Sc. - Physics | 20 | 25,000 | Marwadi University | Marwadi University |
| Faculty of Liberal Studies | Bachelor of Commerce - B.Com. (Hons) | B.Com. | 60 | 17,500 | Marwadi University | Marwadi University |
| | Bachelor of Business Administration | BBA | 60 | 17,500 | Marwadi University | Marwadi University |

| | | | | | | |
|----------------------------------|--|----------------|----|--------|--------------------|--------------------|
| Faculty of Computer Applications | Bachelor of Computer Applications - BCA | BCA | 60 | 17,500 | Marwadi University | Marwadi University |
| | Post Graduate Diploma in Computer Applications | PGDCA | 30 | 20,000 | Marwadi University | Marwadi University |
| Faculty of Arts | Master of Arts | M.A. - English | 20 | 20,000 | Marwadi University | Marwadi University |
| | Bachelor of Arts | B.A. - Design | 20 | 25,000 | Marwadi University | Marwadi University |



ABOUT MEFGI

Inception

Marwadi Education Foundation's Group of Institutions (MEFGI) was incepted as a major organ of Marwadi Education Foundation in 2008, under the Bombay Public Trust Act 1950.

MEF is promoted by Marwadi Shares and Finance Limited (MSFL) a major stock broking company in India & Chandarana Intermediaries Brokers Pvt. Ltd. (CIBPL), a leading firm dealing in technical and arbitrage trading in Indian Stock Markets.

Purpose

The sole purpose of MEFGI is to promote professional technical education through its various institutions in Engineering & Technology, Computer Applications & Management.

The Technical Campus - MEFGI - is the first -of-its-kind integrated campus offering various programs in Engineering & Technology, Computer Applications, Management and Post Graduate Studies & Research in Engineering & Technology in the state of Gujarat. The Technical Campus was conceived in 2008 and is located at Gauridad – Rajkot city.

Our Vision

Nature is Supreme Learn from Nature

Our vision is to address the challenges, faced by our society and planet, through sterile education that builds capacity of our students and empowers them through their innovative thinking, practice and character building. This, in turn, would boost their creativity, while making them responsible towards the utilization of the limited natural resources to face the challenges of the 21st century.

Our Mission

To produce creative, responsible and informed professionals
To produce individuals who are digital-age literates, inventive thinkers, effective communicators and highly productive
To deliver cost-effective quality education
To offer world-class, cross-disciplinary education in strategic sectors of economy through well devised and synchronized delivery structure and system, designed to tickle the creative intelligence and enhance the productivity of individuals.
To provide a conducive environment that enables and promotes individuals to creatively interact, coordinate, disseminate & examine change, opinion & concept that will enable students to experience higher level of learning acquired through constant immersion that lead to the development of character, virtues, values & technical skills.



Our Culture

- Concern for Character
- Concern for Academic Excellence
- Concern for Practice
- Concern to be creative
- Concern for Knowledge
- Transparency in action
- Respect for the individual
- Concern for the Society



CHAIRMAN



Ketan H. Marwadi



TRUSTEE



Sandeep Marwadi



FROM THE MANAGEMENT

“We appeal to both students and parents to use and utilise the innumerable opportunities we offer at MEFGI-be it infrastructure, expert faculty, innovative programs, the unique curriculum and the wide array of co-curricular activities.

The years you spend with us will mark and define you as well as your future. Look at it as an investment on yourself. We guarantee you that this will give you multiple returns and rich dividends all your life.

Set goals, prioritise, have a plan of action and work towards it with determination and dedication. We are with you to prepare, guide, support, nurture, monitor, and mentor you every step of the way.

By the time you are ready to fly, you must be armed with the core skills and abilities to be a winner, not just in your career but in life as well. Once you transform yourself into a powerful brand, success is yours.”



VICE-CHAIRMAN

◀ Jitendra A. Chandarana ▶



DIRECTOR

◀ Dr. Yogesh P. Kosta ▶



DIRECTOR LEARNING & DEVELOPMENT

◀ Prof. S. K. Bhagavan ▶





JOURNEY SO FAR

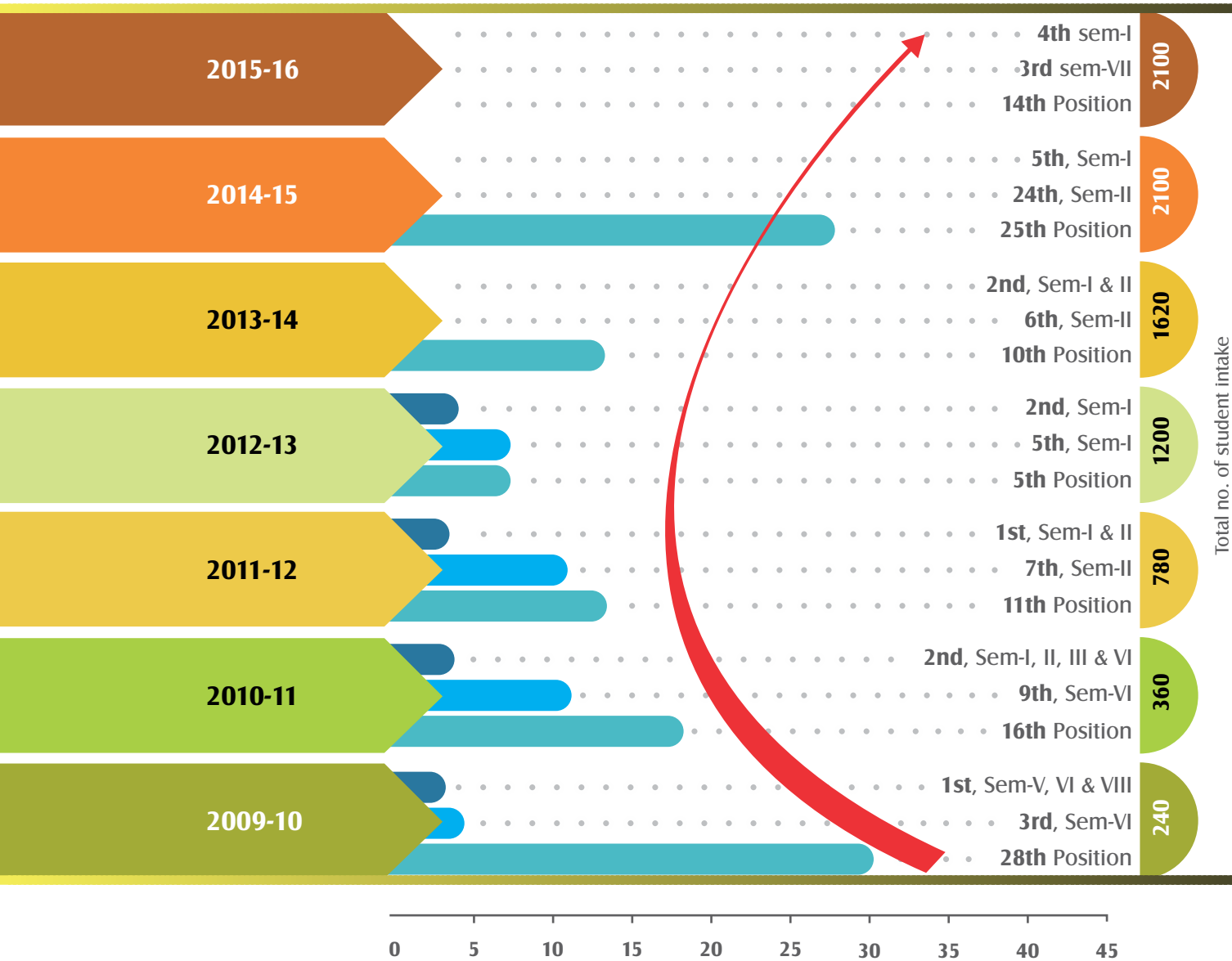
Knowledge is delivered to the students through various resources that include people & technology through various innovative practices. Although it is difficult to find a Scale or an instrument that can measure knowledge, we present here our first performance meter - a real data spread over years, processed and made available in matrix form against some attributes - Showcasing our performance matrix, vis-à-vis; Choice Filling (preference to institute selection to pursue a program) derived from State level GTU examination results.





ACADEMIC ACHIEVEMENTS

Choice Filling Rank in Gujarat SFI Rank in Saurashtra SFI



The graph Above captures the academic performance of students admitted each year under Engineering Program



MEFGI LAURELS IN GTU EXAMINATION

BE / ME

| Branch | Sem. | Exam | Name(s) of Student and their ranks |
|----------------|------|---------------|---|
| BE – ES | - | - | PRIYANKA PATEL - Awarded by Gold Medal |
| BE – CIVIL | 4th | Summer – 2015 | KRUPALI DALSANIYA – 7th |
| BE – CIVIL | 4TH | Summer - 2015 | RONAK JHAVERI – 9th |
| BE – ME | 1st | Winter – 2015 | AKASH PANCHOTIYA – 8th |
| BE – CIVIL | 5th | Winter – 2015 | RONAK JHAVERI – 7th |
| | 5th | Winter – 2015 | KRUPALI DALSANIYA – 8th |
| ME – EE | - | - | RONAK DOSHI - Awarded by Gold Medal |
| ME – EC (VLSI) | - | - | PAVAN VORA - Awarded by Gold Medal |

MCA / MCA (Integrated)

| Branch | Sem. | Exam | Name(s) of Students and their ranks |
|------------------|------|---------------|-------------------------------------|
| MCA | 1st | Winter – 2015 | SHRUTI PATOLIYA – 2nd |
| MCA (Integrated) | 2nd | Summer – 2015 | JINKAL GODHANI – 3rd |
| MCA (Integrated) | 4th | Summer – 2015 | YASH SODHA – 5th |
| | | | MAITRI MEHTA – 6th |
| | | | JANKIDEVI VALA – 9th |
| | | | BHAVIKA KAVA – 10th |
| MCA (Integrated) | 1st | Winter – 2015 | BRIJESH KADECHA – 1st |
| | | | RAVI KAVAIYA – 2nd |
| | | | DIVIK JAIN – 4th |
| | | | SANJAY JAGAD – 5th |
| | | | PAMELI GOSWAMI – 8th |
| | | | MEET THANKI – 10th |
| MCA (Integrated) | 3rd | Winter – 2015 | JINKAL GODHANI – 2nd |
| | | | NITIN KHAMBHALA – 6th |
| | | | KANDARP DAVE – 10th |
| MCA (Integrated) | 5th | Winter – 2015 | YASH SODHA – 6th |

MBA / MAM

| Branch | | Sem. | Exam | Name(s) of Student and their ranks |
|--------|-----|---------------|------|---------------------------------------|
| MBA | - | - | - | VIVEK SAMANI - Awarded by Gold Medal |
| MBA | - | - | - | DIPALI JADEJA - Awarded by Gold Medal |
| MBA | - | - | - | ABDUL HADI - Awarded by Gold Medal |
| MBA | - | - | - | NITA MEGHANI - Awarded by Gold Medal |
| MBA | 2nd | Summer – 2015 | | NIKHIL HIRANI – 5th |
| MBA | 4th | Summer – 2015 | | DIPALI JADEJA – 1st |
| | | | | NITA MEGHANI – 3rd |
| | | | | DARSHIT RUPANI – 8th |
| | | | | HEMAL GODA – 9th |
| MBA | 1st | Winter – 2015 | | NANDINI JOSHI – 2nd |
| MBA | 3rd | Winter – 2015 | | ANKITA SINGH – 2nd |
| | | | | RADHIKA RACHANI – 3rd |
| MAM | 2nd | Summer – 2015 | | POOJA AGARWAL – 1st |
| | | | | KEVAL VORA – 5th |
| | | | | RIYA VEKARIYA – 7th |
| MAM | 4th | Summer – 2015 | | VAISHALI TRADA – 10th |
| MAM | 1st | Winter – 2015 | | LULUVA JOINT – 2nd |
| | | | | NIRALI KARIA – 4th |
| | | | | SALONI ROKADIA – 7th |
| MAM | 3rd | Winter – 2015 | | POOJA AGARWAL – 1st |
| | | | | KEVAL VORA – 4th |
| MAM | 5th | Winter – 2015 | | BANSI TEELALA – 9th |
| | | | | POOJA BOGHRA – 10th |



AWARDS & RECOGNITIONS



MEFGI has introduced BAJA club for students, initiated by SAE (Society of Automobile Engineering) Event held at Indore by SAE in 2014. Team of students stood 3rd rank in Gujarat & 25th rank among the 300 team all over India

ASME MEFGI is one of the student sections under ASME (American Society of Mechanical Engineers) which is started from October, 2013 in Mechanical Engineering Department.



Efficycle
Efficycle an another club introduced by MEFGI Team of students selected among 300 team all over the India





Students Harsh Bhatt & Tanvir Khorajiya from Mechanical Department have participated in IAM3D (Innovative Additive Manufacturing - 3D printing) competition, organized by ASME (American Society of Mechanical Engineers)

Students of MEFGI were selected among top 25 finalists from all over the world from Undergraduate to Doctorate level. They have attended and presented their design in IMECE 2014 (International Mechanical Engineering Congress & Exposition) on 14th November, 2014 at Montreal - CANADA.

'Best Rookie Award' at ROBOCON INDIA 2016

The engineering students of Marwadi Education Foundation received first rank from the 60 plus new teams of India participating at Robocon India 2016 for the first time. They designed, fabricated, programmed and tested 2 high performance robots as per competition criteria and received 'Best Rookie Award'.





AWARDS & RECOGNITIONS



UDYOG RATTAN AWARD 2014 & EXCELLENCE AWARD

Marwadi Education Foundation's Group of Institutions received "Excellence Award" and its Chairman Shri Ketan H. Marwadi conferred "Udyog Rattan Award" by the Institute of Economic Studies, New Delhi.

The award was conferred to Chairman, MEFGI for its achievements and progress in the field of professional education and contributions to the region.

NATIONAL EXCELLENCE AWARDS 2014 BY ASSOCHAM

Marwadi Education Foundation's Group of Institutions received the prestigious "National Education Excellence Award 2014" by ASSOCHAM for Best Institute in use of Technology in Teaching-Learning Practice.

BEST ENGINEERING COLLEGE OF INDIA - WEST 2016

MEFGI was awarded prestigious Assocham award by the hands of Hon. minister of HRD. Dr. Ramshankar Katheriya .



BUSINESS BARONS MAGAZINE published an extensive article on Mr. Ketan Marwadi, Chairman, MEFGI in its June 2011 issue. He is constantly appearing in local and national news papers and TV channels discussing innovative practices and concepts in the education space and business.

EDUPRENEUR OF THE YEAR AWARD: Chairman of MEFGI, Shri Ketan H. Marwadi has been recognised for his valuable contributions to the engineering education in India by "Engineering Watch" magazine which exclusively covers the engineering educational institutions in India.

EDUCATION LEADER OF THE YEAR AWARD 2013: Marwadi Education Foundation's Group of Institutions was awarded "Education Leader of the Year" for the outstanding contributions to the industry.

FASTEST GROWING EDUCATION INSTITUTE EXCELLENCE AWARD – 2016



PLACEMENT

AT MEF GI 2015 - 2016

1150+*
Total Companies visited campus

10,000+*
No of job opportunities created

the support
that makes our students
shine



*Data for last four year

TIPO



TRAINING INFORMATION & PLACEMENT OFFICE

MEFGI has an independent vertical that plays the pivotal role of connecting two important ends, vis-a-vis school and industry. It establishes a bridge between schools and institution (input-end, at the entry level) and institution and industry.

Attributes

Training Information and Placement Office is well-equipped with latest technologies and huge Infrastructure.

TIPO is having 20 rooms for training, pre-placement talks, seminars, workshops, counseling, meetings; group discussions, and personal interviews.

A separate student facility center where students can get the information, access company databases and apply for the jobs.

TIPO comprises of a high powered committed team of 20 senior trainers and placement professionals, some of whom have seen 7 cycles of placement.

Activities

Following activities are organized and conducted by TIPO for students, faculties, admin staff and adopted communities:

Frequently organizes in-plant training, visits, executive training and induction programs for technical and management cadre

Training on demand and Strategic Developmental Programs for Working Professionals, Schools (teachers and students), Students and Associated Communities

Committed Pre and final Placements for all in-house graduates in various sectors of economy at all levels.

Pre-School Initiatives and Teachers Training Programs

Training in communication skills, personality development, aptitude, and computational skills and capacity building

Entrepreneurship, Innovation and Managerial Skilling Programs

Rural and community development outreach programs



PLACEMENTS OF ENGINEERING/MBA/PGDM/MCA

Placements of Engineering/MBA/PGDM/MCA

Our focus on placement enters on creating new approaches to attract the best from the industry to our campus.

At MEFGI, Placement time is not a mere annual ritual; it is a time for showcasing the very best in our young engineers to the industrial world. The Placement & Training Cell functions with the primary aim of placing students in top-notch companies even before they have completed their courses. The Placement & Training cell goes all out to train the students to meet the high industry expectations.

Many of our students have secured placements in top multinationals (Reliance, IBM, L&T, TCS etc.) and other leading companies in the state of Gujarat. The placements have been on an average of above 70%. About 40% students have been placed in the Saurashtra region.

| Program | Year of Passing | No. of Companies Visited | Students Placed | Placement %age of students opting for Placements | Highest Package (Lacs per annum) |
|-------------|-----------------|--------------------------|-----------------|--|----------------------------------|
| ENGINEERING | 2014 | 54 | 119 | 62% | 4 |
| | 2015 | 78 | 381 | 74% | 5 |
| | 2016 | 92 | 312* | 89%* | 6 |
| MBA | 2014 | 42 | 92 | 98% | 4 |
| | 2015 | 55 | 252 | 100% | 7 |
| | 2016 | 68 | 258 | 100% | 7 |
| MCA | 2014 | 43 | 86 | 100% | 3 |
| | 2015 | 48 | 175 | 100% | 3.50 |
| | 2016 | 54 | 188 | 100% | 3.85 |

* Placement data up to 31st March,2016. Placement process continues till July 2016.

PLACEMENTS AT MEFGI

MEFGI TIPO has an enviable track record of placements in reputed companies from different strata. The companies that came to campus offered a plethora of profiles. By providing an excellent mix of highly qualified faculty, unmatched course content and extra training on soft-skills.





FACILITIES

MEFGI has been created with a clear aim to become the world class institution. To support the above objective we would provide the best infrastructure and services to our students and the faculty. This includes a safe and hygienic environment where individuals can focus on studies, innovation and research.

Some of the unique elements include fully wi-fi campus, state of the art library, sports grounds, indoor sports facilities, seminars and lush lawns.

Campus Layout

We have a 25 acre ultramodern campus with all the modern facilities. We have a Wi-Fi campus with a 250 MBPS bandwidth and also hostel facilities are there for the students coming from different places.

Classrooms

All of our classrooms are equipped with ultramodern equipments.*

All the classrooms are audio-visually equipped and internet ready for seminars and webinars.*

*NOTE: At the discretion of the management.

Civil Engineering

The department has been recognized by the state government authorities for authorizing the environment audits of industries and awarded with license for conducting material testing for private and government projects. Civil engineering program outcomes are disseminated to the graduates by offering the hands on self-experimentation opportunities in all major areas of research. The iconic facilities of the laboratories includes full scale load-frame with 550kN capacity, Digital tri-axial test apparatus, Total station, Radar Gun, Bump integrator, and shake table with data logger with high accuracy for seismic analysis of models.

Computer Centre

Computer Centre is equipped with latest computers with higher configuration, HP Pollinate 460C G6, which can be extended up to 16 blades Server. All nodes have a central connectivity and are internet enabled. This centre has an extension of services wherein this department provides an integrated ERP system for students and staff. We use latest firewall enabled network for reliable and secure data. Internet speed 250 mbps.

ICT Capabilities

The whole campus is Wi-Fi enabled and networked with 250 MBPS internet connectivity. We have distributed kiosks' having state of the art computer & data centre, simulations laboratories and high end specialty software.

CNC/VMC Lab

We have latest VMC machine with as many as nine signature heads, and students are provided live training in the lab. The equipments in the lab are industry grade and easily available for the students.

Chemical Engineering

Chemical engineering labs are equipped with various equipments used for different chemical operations such as water cooling tower, bubble cap distillation column, vapor- liquid equilibrium setup, batch crystallizer, shell and tube heat exchanger, Stefan Boltzmann's apparatus, finned tube heat exchanger, natural draft tray dryer, emissivity measurement apparatus etc.

Mechanical Engineering

The department has well developed and fully equipped laboratories in :

- Fluid Mechanics & Fluid Power Engineering
- Dynamics of Machines & Heat Transfer
- Automation lab with VMC, Hydraulic Trainer, Pneumatic Trainer etc.
- Workshop with 24 Lath machines, Shaping, Milling, Drilling etc.
- Drawing Hall With approx 300 Drawing tables
- CNC Turning Centre
- Refrigeration and Air-Conditioning
- Automobile-I.C. Engine
- Theory of Machine
- Metallurgy

Electrical Engineering

ELECTRICAL MACHINE lab is equipped with various electrical machines such as DC motors (Series motor, Shunt motor), DC generators (Series generator, Shunt generators), AC three phase motors (Induction motors, Synchronous motors), Alternators (Salient pole type and Cylindrical rotor type), single phase and three phase Transformers etc.

Lab is also equipped with LUCAS panel (imported from Germany) and 3-phase Power Analyzer.

Electronics & Communication

State of the art laboratories are in place in the following specialized fields.

-
- Basic and Advanced Analog Electronics
- Digital Electronics
- Microprocessors and Microcontrollers
- VLSI Design and Embedded Systems
- Fiber Optics and Optical Communication
- RF, Microwave Engineering and Antenna Design
- DSP and Image Processing
- Wireless Communication and Satellite Communication
Data Communication and Networking

Environment Science and Engineering

Chemistry lab equipment consists of various chemistry analyzers, glassware, pipettes, microscopes, digital balancing machine, thermometers and many other devices which are essential for various advanced experiments related to pollution testing, soil testing and other areas.

Workshop

Our workshop is spread over 10000 square feet space and provides students with an experience of real world to practice and explore new designs, real time modeling & skilling that leads to experiential learning and concept validation.

Mechatronics Lab

A state of the art Mechatronics Lab for the control, system dynamics and design challenges associated with the fields of Nanotechnology, biotechnology and robotics. This lab is being built at an outlay of Rs. 3 Crores and is one of its kinds in the state of Gujarat.



ADVANCED LABS & RESEARCH FACILITIES



Rexroth
Bosch Group

Center of Excellence in
Automation Technology



Marwadi Education Foundation has established the Bosch Rexroth Center of Excellence in Automation Technology in collaboration with Bosch Rexroth Germany at its campus in Rajkot. The uniqueness of this institute lies in its state of the art technology, which has world class equipments, training kits, hardware, software and teaching aids with adequate faculties trained from Rexroth Germany.

The Center aims at training industry personnel and students of various institutions from Engineering, Diploma and ITI Colleges in the Automation field to enable industry personnel, faculty and students to have hands on experience and upgradation of knowledge and skills which is essential for their progress in the field of industries.



IMPORTANT LABORATORIES IN VARIOUS DEPARTMENTS

Department of Electrical Engineering

- Electrical Machines Lab
- High Voltage Lab
- Electrical Measurement Lab
- Network & Control System Lab
- PG Research Lab
- PG Software Lab
- Power Electronics & Drive Lab
- Power System Protection Lab
- Renewable Energy Lab

Department of Civil Engineering

- Heavy Structural Engineering Lab
- Concrete Technology and Material Testing Lab
- Earthquake Engineering Lab
- PG Research lab
- Geotechnical Engineering Lab
- Mechanics of Solids Lab
- Highway and Transportation Engineering Lab
- Surveying Lab
- Hydrology and Water Resources Lab
- Engineering Geology Lab

Department of Electronics & Communication

- Cypras funded PsoC Lab
- Intel Sponsored Galileo Lab
- Energy Micro Sponsored EFM32 Lab
- ARM Sponsored Hardware Lab
- Reconfigurable Hardware Lab
- ARM Sponsored Keil MDK-ARM Software Lab
- Wipro Mission 10x UTLP Lab
- Mentor Graphics Lab
- DSP Lab



Department of Chemical Engineering

- Heat Transfer Lab
- Mass Transfer Lab
- Chemistry Lab
- Fluid Flow Operation Lab

Department of IT

Cyber Security Lab, Programming Lab, Web Development Lab, Data Processing Lab, Networking Lab, Project Lab, Object Oriented Programming Lab, Software Engineering Lab, Advance Computing Lab

Department of Environmental Science and Engineering

Air Sampling and Analysis Lab, Environmental Microbiology Lab
Environmental Engineering Lab

Department of Computer Applications

Research Lab with 30 PCs was established for Research Projects



Department of Computer Engineering

Oracle Lab, CISCO Lab, IBM Lab, Research & Development Lab, Basic Computing Lab, Advance Computing Lab, Networking Lab, Data Processing Lab, Object Oriented Programming Lab, High Performance Computing Lab, Software Engineering Lab, Project Lab

Department of Mechanical Engineering

MSM Lab, Automation Lab, Casting Lab, Workshop Machinery
Fluid Mechanics, DOM, RAC, HMT, IC, MMM, EME

LIBRARY

The MEFGI Library plays a major role both in the provision of information for study & research, and in the preservation of knowledgeable resources. MEFGI Library holds a range of books and journals, as well as providing access to electronic journals and databases, CDs/DVDs, online video lectures, and much more.

For more details: www.library.marwadieducation.edu.in



MEFGI Library – Learning Resource Center caters with :

- Fully equipped with RFID (Radio Frequency Identification Device) Technology
- Specially devised and designed Self KIOSK for Self Check in & Check out
- E-Resource Lab having 60+ computer systems with latest configuration to assist for online research and resources
- Specially devised and designed Mobile Application having features of; Intimation, Alerts, History, Account Status and Books search facilities
- Connected with other libraries and resource centers to retrieve information resources worldwide
- Separate Study rooms and discussion rooms
- Additional Transportation facility for special Late Evening & Sunday for Library users



LIBRARY
MARWADI EDUCATION FOUNDATION'S
GROUP OF INSTITUTIONS

The **1st** ever
Guinness World Record Holder Library

"MOST PEOPLE PARTICIPATING IN A READING
RELAY AT A SINGLE VENUE"

Reading Relay of
"An Autobiography or The Story of My Experiments with Truth"
by Mahatma Gandhi

Date :22nd September, 2015 Tuesday
Location : Library, MEFGI
Timings :8.00 am to 6.30 pm
Total Participation of **3071 Students and Staff**
Faculty Coordinators' **50+**
Students Volunteers' **100+**



There are two main libraries which make up the MEFGI Learning Resource Centre. Specialist collections, use of up-to-date technology, and a team of enthusiastic and dedicated staff all combined to form a library which serves the Users of the Marwadi Education Foundation as well as contributes towards the research needs of the Institution, and is one of the best ICT equipped academic libraries in the region



CAMPUS FACILITIES

Hostel

- The institute has separate hostel facilities for strength of more than 2000 students. For the convenience of its students, an accommodation can be sought on sharing basis.
- The hostel rooms are spacious, well ventilated and are located within walking distance from the institutes.
- All the hostel rooms are fully furnished with beds, ceiling fans and lights, study tables, chairs and inbuilt cupboards.
- Special, dormitory type hostel rooms are also available to students.
- Besides, the hostels consist of a common dining hall, a common recreation room with a T.V, common bathrooms and individual lockers.
- Regular meetings of the student committees and administration department are held to ensure that students get the best services.

Girls Hostel

- A separate girl's hostel with a separate entry with two full time lady hostel wardens for ensuring safety and discipline.
- The entry & exit is monitored by ICT driven tools and the whole hostel area is under electronic surveillance.

Canteen

- Canteen facility is located within the institute's campus.
- The canteen serves breakfast, lunch, snacks & dinner to the students.
- Tea/coffee kioks on each floor of the college building for break time biting.
- Utmost care is taken to provide hygienic food and pure drinking water.
- The college canteen is well equipped with modern steam cooking utensils & can host 1000 persons at a time with separate facilities for girls and additional space for the staff.

Sports Complex

A well equipped sports complex with indoor and outdoor sports spread over 4 acres of land. This also has facilities like 200 meters sprinting-track, foot ball ground, lawn tennis court, volley ball court, basket ball court, table tennis court and cricket pitch.

Amphitheater

MEFGI has a huge and beautiful amphitheater. This has a capacity of 1000 spectators and caters to diverse needs like staging dramas, shows or concerts.

Lake & Jogging Track

A virtual lake in the campus is surrounded by a jogging track to facilitate the students and faculty residing in the campus. The total ambience created by the powerful combination refreshes the minds of the joggers and by lookers.

Gymnasium

Each hostel wing is equipped with world class GYM Equipments like cardio, light weight & heavy weight section, our trainers put together a personalized training regime to suit individual needs to provide functional training and circuit training (A specially designed circuits focusing on maximum endurance)

Transportation

A fleet of 54 buses for the transportation of students from Rajkot and nearby towns like Gondal, Morbi, Dhrol to campus and back. Plans are on anvil to extend the facility to other cities also. Each bus is equipped with LCD TV.

Medical Room

The hostels have a first aid and primary health kit for its residents. A qualified medical practitioner visits campus hostel for medical services to students three times a week. In case of any medical emergency, we have an EECO van to take one for hospitalization, available 24 hours a day.

Security

The campus has 24 hours security arrangements with fully trained guards for round the clock vigil around the campus. Our campus is equipped with latest hardware and software like CCTV cameras

Fire safety alarms

Latest electronic fingerprint machines for check in/out. ICT enabled gate pass system during college hours, after college hours & during the night.

Banking Facility

A branch of Bank of India is located on the campus, which is a unique feature of MEFGI. In addition, a 24x7 ATM machine is also installed for everyone's convenience.



EVENTS



**GUJARAT
TECHNOLOGICAL
UNIVERSITY**
TECHFEST 2016



A State Level Mega Symposium



EXPLORE • EDUCATE • ENTERTAIN

State and National level cultural & Technical festivals are regular happenings at Marwadi Education Foundation. MEF is proudly hosting state's largest Youth and Tech fest since last four years. Flagship event of MEF

TECHFEST • SYNERGY • MAGNUS

TECHFEST

"Enjoying Engineering" is the theme of Techfest at MEF. This event attracts students from all over Gujarat for competing against each other to prove principles of Engineering and its applications. More than 7000 student participates in this event.

SYNERGY

A State-level Mega Symposium Organised by Faculty of Computer Applications. The prestigious 2-DAY state-level mega symposium SYNERGY, organized every year by Faculty of Computer Applications, Marwadi Education Foundation. The event is being conducted with the objectives of showcasing the hidden talents available with the youth and to give them an exposure of a professional environment. Apart from Rajkot, students from all over Gujarat participate in large number. The complete event-handling is dealt by the MCA students.

MAGNUS

Explore, Education and Entertain - a novel innovative a talent fiesta by Faculty of Management, Marwadi Education Foundation's Group of Institutions, Rajkot. The event was initially conceptualized in 2013 and being carried forward year-after-year. This carnival incorporates a variety of events under the heads of Academic and Non- Academic nature so as to encourage students towards all-round development. More than 8,000 students from various Institutions and Colleges across Gujarat participated in this event.

NASCOVIP

A National Seminar on Computer Vision and Image Processing (NASCOVIP) was jointly organized by us along with IEEE SMC Society during 2012.

Speakers like Dr. Deepak Ghodgaonkar, Dr. Anil Roy, Prof. Preeti Rage, Prof. Suman Mitra, Prof. Ajit Rajwade, Prof. M. B. Joshi, Prof. Gaurav Harit from IIT Jodhpur, Prof. Bhabhatosh Chanda from ISI Kolkata were present physically while Prof. Shubhalaxmi Kher, deliberated through video conference.

National Workshop on Emerging Trends on Advance Networking

A 3 day workshop 'National Workshop on Emerging Trends on Advance Networking' was organized. The workshop was focused on research opportunities, challenges and usage of different tools to be employed for networking related applications.

Emerging Trends in the I.T. Industry

The session was conducted by Mr. Rajan Timania, Team Leader, River Delta, Pune.

NCETICT

The National Conference on Emerging Trends in Information & Communication Technology (NCETICT) is organized every year by Faculty of Computer Application (FCA) at MEFGI.

Information & Communication Technology, popularly known as ICT, in today's era, has become the basic driver that has re-engineered our society. Everyone would realize the impact of ICT in almost every walk of their lives at the speed with which new developments are being adopted. The National conference aims at bringing all Technocrats, Industry experts and Research Scholars under the single event and also to acknowledge the knowledge seekers with the most advanced and ample innovative ideas.

Seminar on Converged Virtualization

FCA organised a one day seminar on Converged Virtualization to build cloud, Infrastructure as a service on July 9, 2014 at the MSFL, Head Office, Nana Mauva Road, Rajkot. Mr. Amod Phadke from Converged Data Technologies Pvt. Ltd., Mumbai shared details about building cloud and IaaS. 45 faculty members and entrepreneurs from different institutes and IT companies of Rajkot region participated in this event.

RDBMS and an Exposure to Oracle

The session was aimed at providing a detailed exposure to IT, RDBMS, Oracle Server & Real Application Cluster Environment (RAC) and value of Oracle skills in current job market. Mr. Bhavin Tanna, Ex-employee of Oracle Corp., USA and currently the Managing Director of Agratta Consultancy, Rajkot provided guidance to the students for Oracle Certification Program course.

Introduction of Android and iPhone Technology

The session was conducted by Mr. Ritesh Ambastha, CEO, iwillstudy.com, Ahmedabad. Mr. Ambastha is a computer engineer and he has worked for IIT, Mumbai as a research fellow in the past.

Inspirational Lecture on “Career Unlimited”

Faculty of Management & Faculty of Business Management, organized an enlightenment Session by Swami Anubhavananda on “Career Unlimited” on the 31st October 2012. The Seminar was attended by over 600 management students and the faculty members.

The Great Mind Challenge (TGMC) Awareness Program

The Great Mind Challenge promotes students from technological institutes across India in their endeavour to develop solutions for real-time problems and scenarios using IBM open source software. It is aimed at encouraging students, who aspire to make key contributions, to develop applications on cutting-edge IBM technologies while providing them with an opportunity to improve their software development skills.



DISTINGUISHED FEATURES

Academics, Technology & Research

Teacher

- 500+ Teachers
- Highly Diverse Faculty workforce (India & Abroad)
- High density of Ph. D. Degree Holders
- All teachers are post Graduates
- Senior faculty with 8+ Years of Experience (Education, Industry)

Learning Space and Lab

- Theatre Type, Interactive, ICT enable world class Infrastructure.
- Sophisticated and Precision Equipments from leading Multinational Companies
- Sophisticated High end Simulation Software. (virtual practice capabilities)
- Cyberoam
- High Speciality Labs
- Mechatronic Lab (Mechanical engineering)
- Electrical : LUCAS Machine Lab
- Civil :Earth Quake Engg. And material testing Lab
- EC : Sophisticated S/W Lab
- CE / IT/MCA : Technology Academics : CISCO, Microsoft, Oracle, GTPAC, C-DAC.
- Technology Incubator and Idea-lab

Teaching – Learning and Delivery

- Team base, Interactive teaching process.
- Three – tier Experiential Teaching – Learning Model.
- Theory & Laboratory
- Virtual Practices
- Special Skilling and Development.
- Virtual Learning: e – access.
- Interactive Software based laboratory
- e– notes, e – databank, e – experiment, e – exams

Diversity in Teaching

- Faculty from Industry Component – 15%
- Faculty from Premier Institutions Component – 15%
- In house faculty Component – 70%

Research

- Specialized Equipment & Software for advanced level Skilling & Training
- Independent Research & Innovating Centre.
- Technology Clubs and Incubation cell – To unleash Students Ideas
- Technical Chapters and Knowledge Academics
- Research, Scientific Articles & Book Publication by Teachers.

Employment & Training Information, Placement

Soft Skills including – Life, living and social | Language and communication skills
Specialized Technical Software and Computer skills | Critical Thinking & Mathematical skills Ethics and Culture
| Industry Projects & Research | Technical Report Writing

Infrastructure

Campus Habitat & Environment: A world class, Landscaped 25 acres, State-of-Art 220+ Crore infrastructure facility | **Technology Backbone:** Wi-Fi Networked, ICT enabled, 250 MBPS Internet bandwidth with Simulation Cloud-Campus & Kiosks, Computing & simulation facility with Digital Knowledge Resource & Conferencing | **Recreational & Health:** 4 acres sport complex, Lake – side track for walking & jogging | 1000+ capacity Auditorium (2 nos.) | Health club with twin – food court & pristine Landscaping at campus.



Recreation & Living

Hostel | Girls Hostel | Canteen | Sports Complex | Transportation | Amphitheater
Lake & Jogging Track | Gymnasium | Medical Room | Security | Banking Facility
Students Clubs | Astronomy Club | Movie Club | Cultural Club | Fitness Club | Fun & Frolic Club
Music Club | The Public Speaking Club | Team – building Club | Green Club

Administration and Management

170+ Staff | Online MIS | Software based system | 15 independent Admin Departments.



LEARNING & DEVELOPMENT

MEFGI as a learning organization is focused on changing the classroom experience of students to make them deep learners and readily employable. Towards this end college is focusing on honing faculty skills and student learning. Learning and Development with an independent Director is aiming at systematic layered hand-on faculty development programme. A mix of junior and senior teachers drawn from different engineering disciplines gives faculty an opportunity for a rich, diverse peer-to-peer learning. Each of faculty members at MEFGI goes through a 3 stages of faculty workshops of 2 days each.

| | | | |
|---------|---|-------------------|---|
| Level-1 | Communication skills: In-camera experience with video recording of faculty presentations | Listening skills | Problem solving |
| Level-2 | Changing roles of faculty | Change management | Learning Paradigm : Multiple intelligence and blooms taxonomy |
| Level-3 | A Hands-on interactive teaching methodology | | |



OTHER FACULTY DEVELOPMENT CONDUCTED BY LEARNING AND DEVELOPMENT:

| | | | |
|------------------|--|-----------------------|---------------------|
| Mentoring skills | Personality analysis & personal effectiveness | Feedback & assessment | Academic leadership |
|------------------|--|-----------------------|---------------------|



STUDENT TRAINING

L & D trains select students through a special skill enhancement program to upgrade their skills spanning through their engineering course. These programs are experiential in nature and provides opportunity for student development in order to produce industry ready professionals as follows:

STRUCTURE OF SPECIAL INTEREST GROUP –STUDENTS TRAINING:

| | | |
|-------|-------------|---|
| SIG-2 | Semester -2 | Communication skills |
| SIG-4 | Semester -4 | Team work and problem solving |
| SIG-6 | Semester -6 | Attitude, assignment and assessment |
| SIG-7 | Semester -7 | Finishing school with attention on Grooming and personality development |
| SIG-8 | Semester -8 | People management, leadership |

GROUP DISCUSSIONS AND PERSONAL INTERVIEW:

As part of preparing students for placement and employability they experience mock group discussions. Invited experts from industry conduct personal interviews to provide real time experience to students in preparation for facing interviews

Consistent efforts of Learning & Development is aiming at more confident and more articulate teachers and changed teaching-learning experience and outcomes based education to meet the needs of industry and work-life.

► LAYER-2 : SECONDARY INSTITUTIONS

Objectives

- To improve employability in various sectors by equipping the students with the skills required by the industry. In addition, to produce skilled manpower in strategic areas in alignment with the national goals.
- To bring innovation and leadership by instilling creative thinking and encouraging entrepreneurship.
- To promote research based study and problem solving techniques.

► DEPARTMENT OF TRAINING Overview

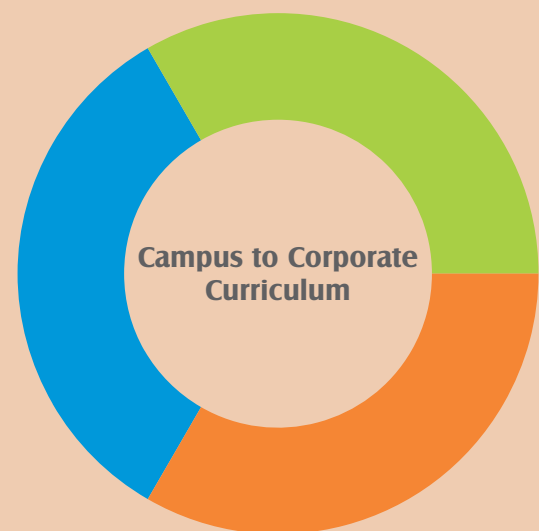
Training and Counselling Department plays a game changing role to bridge the gap of students coming out from education system and requirement of corporate world by refining them to a level of compatibility and acceptability. We at Training and Counselling department prepare students to fulfil pre-employment needs, career requirements, and key employable factors, and therefore we have designed a strategic result oriented **Campus to Corporate Curriculum**.

Our focus at the Training and Counseling department is to create a winner's attitude amongst the students across all the streams and domains.

Embracing to this view, we cater to the:

- Quantitative Aptitude
- Verbal Aptitude
- Soft Skills
- Employability Index - SAP

Which forms the vital 66% (apart from the other 34% which is the domain specific knowledge) of student's ability to become compatible, capable and confident.



- Attitude 33%
- Verbal / Analytical 33%
- Domain Knowledge 34%

► INDUSTRIAL VISITS

To see the practical implementation of the technologies taught in the college, our students go to many organizations for visiting their plants.

Following are some of the companies, where our students went for industrial visits:

Volkswagen GSPC HMT BHEL Atul Auto Ametex Aicon
Infosys Mysore Ship Breaking Yard, Alang ESSAR Jamnagar BISAG Ahmedabad
UltraTech Cement INS Valsura ISRO Kirloskar Engines
Giant Meterwave Radio Telescope (GMRT) Anchor GM Chevrolet Pune

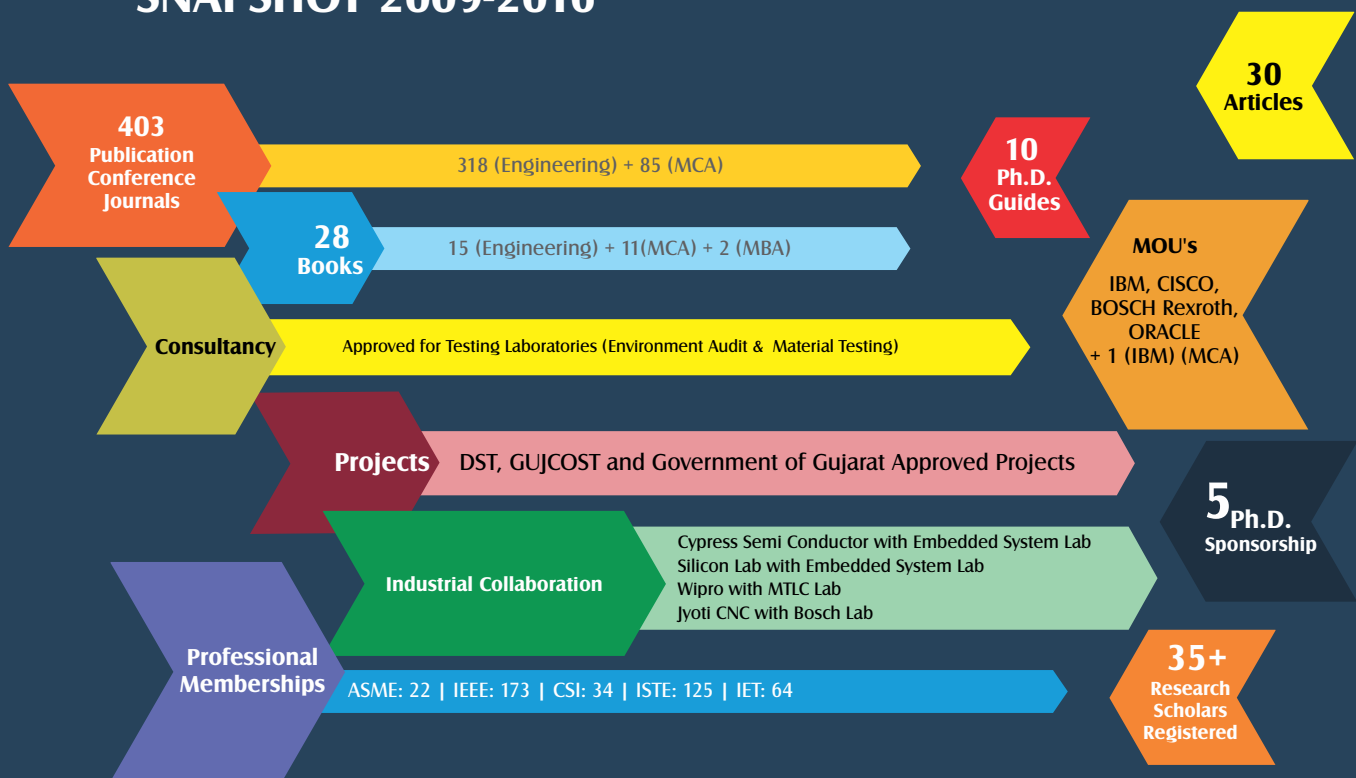


RESEARCH, CONSULTANCY AND PUBLICATIONS

MEFGI is very aggressive in research area and all the faculty members are required to work on at least one technology area to bring innovation and change. We encourage our faculty to participate in national as well as international seminars and to get their papers published in the leading academic journals.

MEFGI is one of the very few educational groups in the country to have a comprehensive policy for its faculty who wish to pursue a Ph.D. Degree.

SNAPSHOT 2009-2016



FACULTY STRENGTH

The Director and Deans have a minimum experience of 18 years and have come from premium institutions like ISRO, Stanford, IIT, Silicon Valley and DA-IICT and so on.

15% of the faculty has Masters Degree from foreign universities. We conduct yearly campus drives for faculty selection with top 20 institutes of the country.

* data is subject to changes depending upon intake & ongoing attrition rate, visiting faculties etc.



▶ Post-graduate
100%

▶ PhD
20%

▶ > 10 Yrs
15%

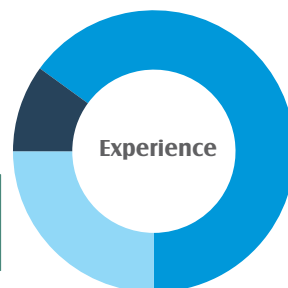
▶ > 5 Yrs
30%

▶ > 1 Yr
55%



ENGG.
MBA
MCA

Total
500+





ASSESSMENT - Employability Index

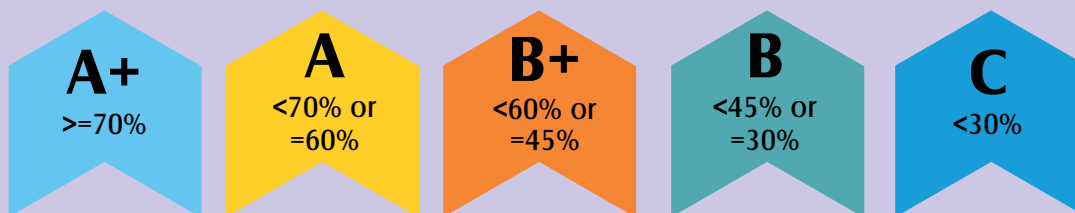
Campus to Corporate Curriculum (C2C) is designed to cater students need, to achieve campus placements and perform well in the corporate world or as an Entrepreneur.

In order to achieve this objective in a given time frame, students would be assessed by Training and Counselling department on regular basis on all of the above verticals to determine the level of achievement by the students and how far they have come in their learning journey.

- To guide them on their learning journey
- To monitor their progress in developing core competencies
- To enhance and nurture their capabilities

Students would be participating in weekly / monthly / semester wise assessment examinations conducted by Training and Counselling Department on all of the above designated verticals.

Training and Counselling Department, MEFGI would award an Annual Certificate on successful completion of campus to corporate curriculum. The assessment will be done individually on Verbal Aptitude, Quantitative Aptitude, Soft Skills & GD, PI & SAP and would be graded depending upon on their performance in the same.



PROJECT TRAININGS

Students of MEFGI go to various companies and organizations for project training and internships. Some of the organizations which have facilitated project trainings and internships of the students in the past are:

Jyoti CNC
Kotak Mahindra Bank
INDUSA
Searce
BISAG
Multiicon
Indies Servies
Yudiz Solutions
Ace Infoway
Gateway Technolabs
MASIBUS
ACTY Systems

► **SPECIAL INTEREST GROUPS (SIG) under Faculty of Computer Applications**

A Special Interest Group (SIG) is a community within a stream identified with a shared interest in advancing a specific area of knowledge, learning or technology where members cooperate to affect or to produce solutions within their particular field, and may communicate, meet, and organize conferences.

At FCA – MEFGI, we have following SIG which are formulated based on student's interest

- Programming Group
- Hardware and Networking Group
- Campus Coach
- Event Management
- Technical and HR question Preparation for Placement
- Extra Lab for Practice and Internet Access
- Participation in Seminar / Workshop / Conference
- Music and Sports
- Yoga and Gym
- Photography & Movie
- Painting
- Recycling Waste Materials
- E-Learning

► **SPOKEN TUTORIAL OF IIT BOMBAY**

The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

Through spoken tutorial, students can learn many concepts & technologies through a vast collection of video lectures by the IIT professors. Some of the salient features include, Learn to learn by one self.

Opportunity for the faculty members to take part as a contributor to this mission.

► **IBM Centre for Rational SEED Program**

An exclusive lab has been established to provide the leading edge training on IBM Rational Rose and Rational Software Architect tools by the certified faculty members.

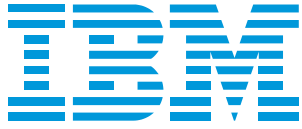


Academic Alliance

CENTRE OF EXCELLENCE
FOR
CLOUD AND
BIG DATA ANALYTICS



The EMC Academic Alliance program offers an unique “open” curriculum-based education on technology topics such as “Cloud Computing”, “Big Data Analytics” and “Information Storage and Management”. All necessary courseware trainings are being offered by the company. The courses focus on technology concepts and principles applicable to any vendor environment, enabling students to develop highly marketable knowledge and skills required in today's evolving IT industry.



IBM Career Education Program bridges the gap between aspirations of students and demand of industry. This association brings together the current software content, real world industry experience, hands on laboratory courses and best industry practices together.



CISCO Networking Academy to train the students to learn the concepts of Computer Network and prepare them for the International Certification.



Rexroth
Bosch Group

For establishing "Centre of Competence in Automation Technologies" in the campus of Marwadi Education Foundation's Group of Institutions – Faculty of P.G. Studies & Research in Engineering & Technology, Rajkot.



ASSOCIATIONS & MOUs



MISSION 10X

Mission 10X chose to enhance the Graduate Engineering Attributes. This association will bring Deeper Learning, Communication Skills and Team Work in MEFGI students.

NASSCOM®
www.nasscom.in

National Association of Software and Service Companies (NASSCOM) is the industry association for the IT-BPM sector in India. Main objective of this association is to build a growth-led, sustainable, technology and business services segment in the country. MEFGI is associated with NASSCOM is to train students on basic foundation skills to help enhance employability and also to make students industry ready.

For establishing "Research Park for Advanced Automation Technologies"



ORACLE®

To enable educational institution to deliver Oracle training to students in their campus and extend opportunities to impart Oracle certified training at an affordable cost.

Local Infrastructure Service Provider to TCS for various online examinations conducted by TCS.

TATA
CONSULTANCY SERVICES



Institutional partnership with NSE.iT Ltd., a 100% subsidiary of National Stock Exchange for conducting online examinations during weekends.



To conduct of online examinations for CMAT (Common Management Admission Test). This exam is being conducted by ATTEST on behalf of AICTE.

The MOU of Marwadi Education Foundation and CYBEROAM will mean that Students of Marwadi Free and exclusive access to Cyberoam's knowledgebase, designed for Cyberoam Certified professionals.



M-CIRED

M-CIRED – Marwadi Centre for Innovation, Research and Entrepreneurship Development is a major organ under the Secondary Institution, supporting multi and cross disciplinary programs for technology development and advancement through research, eventually contributing to economy.

TECHNICAL CLUBS

Networking Club

The networking club aims at making students aware about establishing network between two computers, configuring wireless access point (Wi-Fi) router, trouble shooting the network problems, file sharing between two or more computers (Windows), introduction to the server operating system and virtualization software (VMware / Virtual Box).

Cyberoam Club

CYBEROAM is the only Identity-based Security Certification available globally. This training and certification will empower students with knowledge of Network security and make them easily employable in the IT industry. The course enables security professionals to become familiar with the basics of networking and UTM security and delivers practical knowledge of deployment, configuration and management of Cyberoam identity-based UTM appliances in complex enterprise scenarios.

CISCO Club

The CISCO Networking Academy within MEFGI Campus provides CCNA course to help students succeed based on their backgrounds, interests, and objectives. These networking courses are designed to prepare students for career opportunities, continuing education, and globally-recognized certifications. CISCO Certified Network Associate (CCNA) validates the ability to install, configure, operate, and troubleshoot medium-size route and switched networks, including implementation and verification of connections to remote sites in a WAN.

CCNA curriculum includes basic mitigation of security threats, introduction to wireless networking concepts and terminology, and performance-based skills.

Innovation Club

Innovation club is the crucible that helps to fertilize the embryonic ideas of the young minds through various means, mechanisms & expertise. Students are actively encouraged to participate and enlance their scientific & technical talent.

MATLAB Club

The main focus of MATLAB Club is to make students familiar with the MATLAB (Matrix Laboratory) tool. This helps them in understanding fundamentals of the programming skill.

IBM club

IBM club is to gain all the relevant skills, experiential learning & adaption with current and upcoming technology & tools related to mobile application development using IBM Worklight and cloud deployment using IBM Blue-Mix.





STUDENT CLUBS



Embedded Club

This is a club that deals with developing a hardware project and programming assembly language.

EPDaT

Electronic Project Design and Troubleshooting is a club that deals with developing insight for designing the projects, identifying and solving the discrepancies if any.

HDL & Arduino Club

The club aims at familiarizing students with latest electronics hardware for computation & control.

Aeromodeling and Robotics Club

This club deals with various activities related to aerodynamics, constructional experiments related to structure and flying capabilities of models which includes design, construction and testing of various flying objects like RC planes, RC Copters, Quad-copters, Bi-copters etc.

ORACLE Club

The aim of this club is to provide students with an understanding of the role database administrator can play in solving problems. It also aims to help students, regardless of their major; to feel justifiably confident of their ability to work that allows them to accomplish useful goals. MEFGI has signed MOU with Oracle University to bring excellence for the students of Computer Engineering & Information Technology.

It provides a comprehensive education environment to individuals and enterprises, offering training that is customized to the varied needs of audiences with diverse backgrounds. Oracle University brings forth generation relational database management system.

ICT- Club (spoken Tutorial-IIT Bombay)

The Spoken Tutorial project is the initiative of 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

Linux and Scripting Club

The Club mainly works to familiarize students with Linux, scripting and fusion of programming language.

Technical Interview Club

This club mainly works to prepare the students for the campus interviews by revising their fundamentals of technical subjects in company perspective.

C++ Club

This club is to teach the students object oriented programming using C++

Team-building Club

This club builds and fosters team-spirit, leadership and unity among the students by some innovative games or ideas.

Green Club

With the aim of preserving the natural beauty and environment, this club organizes activities and events in the campus. These activities are aimed at spreading awareness.



Earthquake Awareness Club

A technical club in which students go to various schools and give the basic knowledge of earthquake and demonstrate about the do' s and don'ts during the earthquake.

Fitness Club

Fitness club spreads awareness and organizes workshops on different themes to encourage the students to take part in physical activities.



STUDENT CLUBS

Astronomy Club

This club conducts various activities for the students of MEFGI, which include astronomy quiz, projects as well as learning of astronomy by conducting lectures by various experts.

Movie Club

Regional, National & International movies are screened every fortnight at the auditorium. Movie club maintains a large collection of award winning movies.



Cultural Club

This club provides a platform to faculty & students to unleash & showcase their talents through various activities. Many accolades have been received by this club through participation in cultural festivals.

Music Club

Music club acts as a platform for the budding artists and provides a foundation by recognizing and promoting their talent.

The Public Speaking Club

The Public Speaking Club targets to develop the students' competence to speak confidently and persuasively to groups of people. It provides a platform to the students for being effective presenters.

Technical Awareness Club

This club will create awareness among students about latest trends in IT and about the subject areas in IT as well

Construction Club

It is a technical club run in the civil department. One of the projects undertaken is to prepare a working suspension bridge of span 80' in the campus to understand construction procedures and load transfer mechanisms.

AutoCAD Club

Technical Departmental faculties are teaching the AutoCAD for civil engineering applications.

GATE Club

GATE is the gateway to prestigious careers for graduate engineers. We offer comprehensive & rigorous training for the Graduate Aptitude Test in Engineering (GATE) in Computer Science. We have eclectic, learned and committed team of professionals to inspire and train students towards excellence. The questionnaire solved in each subject, the study material provided and the various model exams conducted simulating the GATE pattern, empower the students to tackle the actual GATE paper with more confidence and secure the best ranks in the exam.

CAD Modeling Club

Experienced Faculties are Teaching the CAD Modeling Software Such as PRO-E, Which are used by industry

Computer Aided Manufacturing Club

Aided Manufacturing With Computers

ASME Club

Technical Event (ROBO is organized under ASME (American Society of Mechanical Engineers) Club at MEFGI - such

SAE Club

Technical events (Car Modeling, Car design) are organized under SAE (Society of Automotive Engineers) club at MEFGI

IIIC

The basic idea is to provide an open platform to students, teachers and technocrats that will enable and foster new ideas and concepts for advancement of technology.

It comprises of following strategic units;

Entrepreneurship & Innovation Cell

Research & Development (R&D)

Technology Club and Projects



School of Liberal Studies

MEFGI, proposes to start School of Liberal Studies. The purpose of the School of Liberal Studies is to provide students with a solid multi-disciplinary preparation in the Humanities, Natural Sciences, Social Sciences and Arts that provide students with opportunities for a broad understanding of various academic fields of interest - a process knitted in Marwadi Education System that will strengthen student portfolio while they pursue careers in education, research and business.

The programs and courses under this school will help to train students to communicate effectively, both orally and in writing, to develop skills in critical thinking and problem solving and to imbue critical thinking with ethical thought.

School of Science

Perhaps, the language of nature is pure science. Since ages, civilizations and humankind have learnt from nature – via the path of observation and immersion. Pure science creates knowledge that helps us endure, provides insights to use engineering principles (invent, translate and transform) and management tools and practices (disseminate, manage and sustain).

A natural ecosystem embedded in nature for us to discover - that constantly manifests to preserve (sustenance) and moves into future – is a fundamental arm and an important resource institution.

School of Virtual Reality, Simulations, Modelling & Softwares

The era of ICT has brought a new dimension in learning and utilizing resources, creating new knowledge, markets and social technologies in different ways by helping to visualize, integrate, consolidate, experiment, design and model, for producing goods and services. This school is positioned to address issues and help in smooth transition into 21st century.

Virtual Learning Environment is basically a software system designed to support teaching and learning in an educational setting distinct from conventional systems i.e., a Managed Learning Environment where the focus is on managing learning. Virtual Learning Environment synthesizes the functionality of computer-mediated communication software (e-mail, bulletin boards, newsgroups etc) and on-line methods of delivering course materials through “www”.

The idea is to address the different learning styles, thereby encouraging and promoting collaborative and resource-based learning by sharing distributed resources. A computer simulation, a computer model or a computational model is a computer program, or network of computers, that attempts to simulate an abstract model of a particular system. Computer simulations vary from computer programs that run for few minutes, network-based groups of computers running for hours to ongoing simulations that run for days. The scale of events being simulated by computer simulations has far exceeded anything possible or perhaps even imaginable using the traditional paper-and-pencil mathematical modeling.

Virtual Reality Modeling Language is now a standard file format for representing 3-dimensional (3D) interactive vector graphics, designed particularly with the World Wide Web in mind.





ADMISSION

Admission to various branches of Engineering, MBA, MCA and Architecture in the Institute is done through the centralized Admission Procedural norms of Admission Committee for Professional Courses, Govt. of Gujarat (ACPC) and Gujarat Technological University (GTU).

Admission Process of ACPC (For Engineering, MBA, MCA and Architecture)

All the Government Seats to the first year of the Engineering, MBA, MCA and Architecture shall be filled on the basis of merit list prepared by ACPC constituted under section 4 of the Act for Admissions by Government of Gujarat.

All the management seats to the first year of the Engineering, MBA & MCA shall be filled by the management of the respective professional educational college or Institution, on the basis of inter-se merit list of the students whose names appear in the same.

Eligibility for Admission

For the purpose of admission, a candidate shall have appeared in the Common Entrance Test (JEE/ CMAT). The score for admission will be based upon criterion defined in the ACPC handbook. To appear in the Common Entrance Test (JEE/ CMAT), a candidate shall have passed the qualifying examination.

Engineering Admission

The admissions will be done on the basis of JEE Main Score and XII Class Score. The score for admission will be based upon criterion defined in the ACPC handbook.

For information and registration to JEE please visit: www.jeemain.nic.in
For know more about the admission process and guidelines, please visit:
www.jacpcldce.ac.in | www.dte.gswan.gov.in

Architecture Admission

The admissions will be done on the basis of NATA Score and XII Class Score. The score for admission will be based upon criterion defined in the ACPC handbook.

MBA/MCA Admission

For information and registration for CMAT please visit www.aicte-cmat.in
To know more about the admission process and guidelines, please visit www.gtu.ac.in

Admission Process of Marwadi University (For B.Sc., M.Sc., B.Com., BBA, BCA, PGDCA, BA, MA, M.Phil, Ph.D.)

Online Admission Process will start on www.marwadiuniversity.in as per norms. All candidates will have to apply online and more information is available on Marwadi University website.



ADMISSION PROCEDURE

The admission procedure shall be off campus online in the following manner, namely:

The Admission Committee shall prepare merit lists of the eligible candidates, who have applied online and after verification of the documents submitted.

The merit lists shall be displayed on the website of the Admission Committee and by such other means, as the Committee may consider convenient.

The Admission Committee shall publish the schedule of online counseling program on the website of the admission committee, by advertisement in the prominent newspapers widely circulated in the State, and by such other means, as the committee may consider convenient.

The candidate shall be required to give his order of choices of courses and colleges or institutions, online. Allotment of seats shall be made on the basis of merit, category of the candidate and availability of seats. The allotment shall be published on the website of the committee. The candidates are required to obtain the print out of the allotment offer letter and bank fee receipt copies from the website.

The candidate shall be required to pay such fee, as may be determined by the Admission Committee, at the bank.

The candidate, for securing his admission, shall produce to the Help Centre, the allotment letter, receipt of fee all original documents and testimonials, for verification, within the specified time limit, admission offered to him shall be treated as cancelled. However, such candidate has given option for the same.

Where considerable number of seats falls vacant and it appears to the Committee to fill the vacant seats, it may conduct the on – line admission process for readjustment (Reshuffling) of seats. The candidate, who opts to take part in reshuffling process, shall be considered for such admission.

The candidate may either give option for up gradation of choices already given or submit new choices. If the candidate gets the admission on the basis of up – gradation or new choice, then his earlier admission shall be treated as cancelled.

Disclosure: The above information is based on the experiences and only indicative in nature. The institute does not take any responsibility for any change in rules, policy, guidelines etc. due to various reasons.



SCHOLARSHIP

With the objective of encouraging meritorious students, scholarships are offered. The quantum of scholarship are subject to management's discretion.

For Scholarship Application form and details, please visit our website:
www.marwadieducation.edu.in/scholarship

GATE Scholarships

Graduate Aptitude Test in Engineering (GATE) is an all India examination that primarily tests the comprehensive understanding of various undergraduate subjects in Engineering and Technology. GATE is conducted jointly by the Indian Institute of Science and seven IIT's (IIT Bombay, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT Kharagpur, IIT Madras and IIT Roorkee) on behalf of the National Coordination Board – GATE, Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

The GATE Score of a candidate reflects the relative performance level of a candidate. The score is used for admissions to various post-graduate programmes (e.g. M.E., M.Tech, direct Ph.D.) in Indian higher education institutes with financial assistance provided by MHRD and other Government agencies.

To avail the scholarship, the candidate must secure admission to such a postgraduate programme, as per the prevailing procedure of the admitting institution. Currently six students have availed the facility and are getting the same.

LOAN FACILITY FOR STUDENTS

Students can avail the Bank Loan facility from leading banks for pursuing their professional education. As per the policy announced by Govt. Of India, Banks will facilitate the Educational Loans up to Rs. 4 lakh without any collateral security at the concessional rates of interest announced by Reserve Bank of India*, from time to time.

Loans are sanctioned by the banks only after compliance of required norms and procedural formalities.



MEFGI has made special arrangements with State Bank of India, Bank of India, Central Bank of India, HDFC Bank and other private Banks for speedy sanctioning and dispersal of Educational Loan to students taking admission.





FOLLOW US



www.facebook.com/marwadieducation



www.twitter.com/mefgroup



www.youtube.com/user/marwadieducation



www.pinterest.com/mefgroup/marwadieducation



www.plus.google.com/+marwadieducation



www.linkedin.com/in/marwadieducation

SMARTPHONE APPS



www.marwadieducation.edu.in/downloadAndroidApp



www.marwadieducation.edu.in/downloadiphoneApp



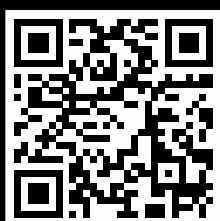
1150+*

Total Companies visited campus

10,000+*

No. of job opportunities created

*Data for last four year



Marwadi
education foundation

www.marwadieducation.edu.in



Marwadi
UNIVERSITY

www.marwadiuniversity.in