

ANNUAL REPORT 2019



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PROVOST'S REPORT

2nd Convocation of Marwadi University 12th October 2019.

I take this opportunity to welcome the distinguished dignitaries present on the dais; Dr. Sudhir Mishra, Scientist & the Director-General of BrahMos Aerospace – it is indeed a privilege to have you with us, Shri. Ketanbhai Marwadi, President, Marwadi University, Shri. Jitubhai Chandarana, Vice President, Marwadi University, Members of the Boards, Trustees, Shri Naresh Jadeja, Registrar, Marwadi University, Directors of Concurrent Institutions, all Deans and Faculty-members, all dignitaries, Proud Parents and invitees off the dais, and my dear students.

I will present the University report which is extracted from the 2nd annual University report.

In 2018, MEFGI completed a decade - A journey that began in 2009 with the purpose of providing a quality education that would align to the global needs... Mr. Ketan Marwadi, Mr. Jitendra Chandarana, and Mr. Sandip Marwadi laid the foundation stone of MEFGI – Marwadi Education Foundation's Group of Institutions - with 1 academic building, 6 programs, 22 faculty, 12 admins, 2 buses and 1 canteen...

Now, when we look at the growth of Marwadi University, we see it as Gujarat's only NAAC-A+ graded institution, with IBM, CISCO, Cyberoam, TCS, and Wipro as our Knowledge Partners. This 20+ award-winning institution is a regional University with Global Vision with the highest number of awards won in 2018.

Today, spread over 52 Acres with 16 lacs sq. ft built-up area, we have 8 Technologically Advanced Multi-storey Buildings, AV classrooms, fully equipped labs, 3 huge libraries rich with more than 50,000 books, plus digital resources and dedicated reading spaces, a 4-acre sports ground and a 4-storey sports complex, and indoor and outdoor sports facilities, a fully equipped gym with dedicated trainers. It starts functioning from 5 am in the morning till 11 pm in the night – mindful of the importance of fitness, facilitating and accommodating all students and staff needs.

Marwadi University continues to be one of the finest institutions, home to local, national, international students and faculty - we have a comprehensive hostel facility housing 2700 students including 500 international students from 28 countries, enrolled in more than 30 different courses. And I'm sure you will all agree – they are all taught by the most dedicated and experienced team of educators, a highly committed and hard-working administration. This dedication is also reciprocated twofold with the most talented and hard-working students who reap all the benefits of this wonderfully organic campus, built especially for their growth.

We have many cherished traditions and a very bright future.

STUDENTS' ACHIEVEMENTS

MEFGI believes that the best way to patronage philanthropy is through the route of education that leads towards the growth and omniscient development of all participating entities within the premises of the socio-economic systems & borders. Our belief and success vest on the fact that we “Make-happen participation”. I share some of the amazing achievements by our students to establish our belief in “PARTICIPATION” which is the better way to deliver education for life and living; this year our students participated in ‘Smart India Hackathon 2019’ organized by MHRD, Government of India at IIT Guwahati, and were declared WINNERS under software category for solving problems of Ministry for Statistics and PI.

Each department has its own share of wins -Students of Chemical Engineering department showcased exemplary performance at Grand Finale of SSIP, Gujarat Industrial Hackathon 2019 at PDPU. SSIP Summer Innovation Challenge taken up by students from B. Tech, ESE received 1st Prize in the ‘Process Innovation’ category of SSIP Summer Innovation Challenge. Students from the Mechanical Engineering Department won ‘Best Innovation Award’ for the HPVC event and also filed a patent on the ‘Coolant Filtration System for Machining’.

Ms. Krishna Muliyaishiya, the student from B.Sc Chemistry Semester 5, participated in Singing Competition at National Level organized by AIU and was awarded 2 Gold Medals. Our student Ms. Radha from B.Sc Microbiology participated in the ‘Times of India Public Speaking contest’ and illustrated the remarkable performance and attained 3rd position at the state-level and was awarded a cash prize, certificate, and a trophy.

36 students of the ‘Performing Arts Department’ of Marwadi University participated in 24 categories of ‘All India University Inter-University West Zone Youth Festival -YUVA-SPANDAN’. This stage gave students a platform to witness a competitive spirit at the National level.

The Start-up story of 4 students from Marwadi University was published in the ‘Start-up Innovation Stories’ from Gujarat during the ‘Vibrant Gujarat Start-up and Technology Summit’. Students of Marwadi University won 1st prize in the ‘Summer Innovation Challenge’ under “Student Start-up & Innovation Policy” by the Government of Gujarat at the hands of Honourable Chief Minister Shri Bhupendrasinh Chudasama.

Saving the best news for the last; we are happy to share with you that the top positions in the GTU results for Gujarat and Saurashtra region have been claimed by our students of MARWADI INSTITUTION – a moment of pride and glory.

EXPERT TALKS BY PROFESSIONALS ACROSS THE GLOBE

Dr. George Ghinea, Professor of Brunel University, London, visited Marwadi University on 9th May 2019. Prof. Ghinea delivered a talk on Mulsemmedia, its impact, and its future use. Discussions were also held about the future research work in Multiple Sensory Media. A talk on ‘Fault-Tolerant Robotics’ was delivered by Prof. Anthony A. Maciejewski, Professor, Department of Electrical and Computer Engineering, Colorado State University, the USA, on 6th March 2019.

An expert talk on ‘Cloud Computing’ by Dr. Zdislaw Polkowski from Poland was arranged by the Department. A seminar on ‘Green Chemistry’ was delivered by Dr. Kinjal Shah, distinguished guest, and expert, Associate Professor at Nanjing Tech University, China, for the students of the 8th Semester. A 5-day Lecture Series by Prof. Sarah K Harding was held at Marwadi University to deliver deeper insights on ‘Comparative Law’ for the students of the Faculty of Law.

EVENTS AND VISITS AT MARWADI UNIVERSITY

Marwadi University was delighted to welcome His Excellency Dr. Riad Kamel Abbas, Ambassador (Embassy of Syrian Arab Republic, India) on January 31st, 2019 along with officials of the Syrian Embassy. Dr. Riad Kamel Abbas also acknowledged the significant infrastructure and developments at Marwadi University in a short span of time.

‘TEDx Marwadi University’, a full-day event curated by our team at Marwadi University, had speakers like Pujya Apurvamuni Swami, Ms. Divya Lal, Managing Director, Ebix Smart class Educational Services, Vikram Sanghani, Managing Director of Ace Software Exports Ltd, & ‘Manjul’ Visualizer and Initiator and other speakers; all from diverse fields who shared their stories and thoughts on ‘Education for Billions’ based on their real-life experience and learnings.

A Post-budget analysis is regularly organized by the Faculty of Business Management & Faculty of Liberal Studies, where experts talk about various aspects and long-term implications of the budget.

The Department of CE-IT & ICT, Marwadi University, organized a 4-day Technical Workshop conducted by Prof. (Dr.) Kunal Mankodiya, Director of Wearable Biosensing Lab, and is also serving as Associate Professor with the Department of Electrical, Computer & Biomedical Engineering at the University of Rhode Island, USA.

The University hosted a Regional Round of ‘Gujarat Industrial Hackathon 2019’ for the 2nd time. It was organized by the Education Department, Government of Gujarat, on 21st & 22nd February 2019. The event witnessed a participation of 164 teams with 923 students along with a Jury of 25 members. The students worked for 36 hours and generated high impact ideas to resolve problems.

In February 2019, Faculty of Law, Marwadi University & Rajkot Bar Association joined hands to host a seminar for Law professionals, creating a great platform to exchange ideas and get insight on the subject of ‘Recent Developments in Indian Legal Systems’ from luminaries like Hon’ble Mr. Justice C. K. Thakkar, Former Judge, Supreme Court of India, Hon’ble Mr. Justice P. P. Bhatt, President of the Income Tax Appellate Tribunal (ITAT), Hon’ble Mr. Justice Ravi. R. Tripathi, Former Judge, High Court of Gujarat, Ms. Geeta Gopi, Principal District Judge, Rajkot, and Mr. Abhay Bhardwaj, Attorney-at-Law, Rajkot.

RESEARCH AWARDS AND GRANTS

Since inception; MEFGI and MU have been sensitive to the individual learning needs of students and the nation's socio-economic interests. At this time when we need more job givers than job seekers, I am pleased to share that we have received a Grant sanction of Rs. 1 Cr. under 'Student Start-up', a scheme of Government of Gujarat, Rs. 2.5 Cr. grant by the Department of Science and Technology (DST), Government of India, to set up a 'New-Gen Innovation and Entrepreneurship Center'. Our E-Cell has organized 15+ events and sensitized 3100+ students, while our IPR-Cell has organized 3 events and sensitized 1200+ students.

Consultancy services not only generate revenue but also create a new source of knowledge for faculty and students. Our Civil and Environment Engineering department completed consultancy projects of approximate 50 lakh Rupees, while our Faculty of Architecture undertook consultancy work of Rs. 10 lakhs under the project 'Vrundavan Gram Yojana' administered by District Rural Development Agency under Commissionerate of Rural Development, Government of Gujarat.

The University has been selected as a Nodal Institute in Solar Sector as well as IT & ITeS sector with DAIICT by Industries Department under the 'Government of Gujarat' Scheme for 'Enhancement of Technical Competency and Manpower' in the Saurashtra region. An approximate grant of ₹ 80.81 lakhs has been given to Marwadi University for the development of Nodal Institutes in the Solar and IT sector by the Government of Gujarat. Marwadi University has received a grant of ₹ 48 lakh from DST, Government of Gujarat under IT/ITeS Policy (2016-21) for the development of Finishing School in the IT and ITeS sector. A total of 800+ students have been trained and 12 short-term courses have been developed in support with the Industries.

Based on our expertise and experience in providing skill training and assessment, the University has been selected as a Skill Assessment and Certification partner of 'The Centre for Entrepreneurship Development', Government of Gujarat, and 2500+ students skill assessment has been carried out during the Academic Year 2018-19.

Contributing to knowledge growth is the fundamental purpose of the existence of a University. The previous year has witnessed, 380+ research publications by our faculty members, out of which 96 papers were in high impact value journals. We have filed 20 research patents, received grants against 13 research projects and have developed one NABL approved Civil Material Testing Laboratory.

NEW HORIZONS

This year, we have added courses like physiotherapy, where the curriculum includes activities like going to the nearby villages and offering free treatment and spreading awareness. We have also initiated a full-time physiotherapy care center on the campus. Faculty of Business Management launched a special MBA in Business Analytics course that will give an extra edge to professionals over conventional MBA programs.

Envisioning Industry needs and changing with the times, our Faculty of Post-graduation Studies has introduced a new course of 'Electrical Engineering in Power Electronics & Electrical Drives' and M. Tech course in 'Electrical Engineering with a specialization in Electric Vehicle'.

This year we have inaugurated a beautiful learning space on the 6th floor of the Main building - the 'CENTRAL LIBRARY' which was inaugurated by Mr. Diptiman Das, Chairman & Managing Director Of 'Edcil (India) Limited'. This is a proud addition to the Marwadi University resource reservoir!

INTERNATIONAL RELATIONS

The International Office at Marwadi University essentially operates in two major areas; Collaborating with Foreign Universities & Facilitating Funded as well as Non-Funded students & staff exchange programs. It also monitors opportunities for Research & Development with foreign as well as national funding agencies. It also facilitates International students' assistance & welfare.

Programs at MU attract students across continents and states. We are one amongst the three institutes selected from Gujarat by the Government of India under the 'Study in India' program. The Hon. Prime Minister's education scholarship initiative offered to students hailing from many countries and states has opened doors for many international students at Marwadi University. I am pleased to share that currently, we have 500+ international students from 28 countries enrolled in various programs.

MU believes in the culture of global presence. I am pleased to share with you that the global knowledge and resource exchange initiative has gained momentum. In a short span, Marwadi University has signed MoU's with 13 international Universities in Europe, USA, Australia, and Israel under the ERASMUS+ program. In a recent development, we have also signed a Major MoU with COIMBRA group, a consortium of Brazilian Universities comprising of 70 Universities in Brazil to facilitate faculty and student mobility in terms of knowledge exchange, research and credit transfers.

I am pleased to share with you some of the notable distinctions and awards that have been achieved by the University recently:

1. Best upcoming University of India 2018 by ASSOCHAM National Excellence Awards 2018.
2. University of the Year (West) by Times Now Indian Education Awards 2018.
3. Smart University award by SKOCH Smart Education Awards 2018.

PLACEMENT

Finally, our graduates must be recognized by the Industry and Society. At MU we consider Placement as the final measurement. It is our twin-edged instrument that functions as a compass and a barometer to our education that we deliver to the markets. I am pleased to share that the University is rapidly becoming the first choice of top corporate houses across many Industry sectors that are seeking an Industry-ready talent pool. The Placement Team comprises of 12 fulltime members spread across the nation to cater to the needs of the organizations for placements. The Department generates placement opportunities in over 450+ companies annually. I am happy to share that every student at Marwadi University is trained with specific skills, specialized knowledge and a humble attitude that is necessary to be successful in the interviews and selection processes.

Finally, I want to remind everyone present here that without the hard work of faculty members - both - permanent as well as visiting - and the staff of Marwadi University, none of these developments that I talked about would have been possible. I sincerely thank all of our faculty members and everybody in the administration. I'm sure all students would also want to thank them with a round of applause.

A detailed report of all departments is included in the University report and I am sure that you will be able to appreciate the granular focus of attention and training extended to each student of Marwadi University.

The Marwadi University community feels honored by the gracious presence of the distinguished dignitaries on and off the dais at this 2nd Convocation of the University. I congratulate the students, who have received the gold medals for their meritorious work and congratulate all those receiving degrees today and wish all the graduating students' success in all their endeavors. Wish you all the best for a great future. We also hope that you will stay in touch and keep coming back to your alma mater.



Jai Jai Garvi Gujarat.
Jai Hind.

Dr. Y. P. Kosta

PART 1

- Marwadi University at a Glance
- Organization Structure
- 1st Convocation of Marwadi University

JOURNEY: ACADEMIC YEAR 2018-19

The Academic Year 2018-19 at Marwadi University witnessed touching upon magnificent milestones by the Academic Departmental units of the University in its journey towards Excellence in Education. The students thrived in academics and a host of Cultural, Sports and Industrial activities in the vibrant campus. The presence of world-class Teaching-Learning Facilities, Vigorous Institute-Industry Training and Collaborations, International Exchange Programs, and Research Collaborations facilitated students of Marwadi University to excel and grow in the competitive professional environment.

During the Year, the Institute strengthened its International presence and relationships with the Universities of European Union; thus, aiding in enhancing academic & research needs of students & faculties. Working upon the need of the hour, the University associated and collaborated with Government schemes for skilling & up-skilling of employees in the Industries, thus generating Industry-Ready & Industry-Responsive manpower to handle complex and challenging problems faced at the workplaces.

VALUES, VISION, & MISSION.

Marwadi University has created a Vision and Mission Statement that help articulate the common ground upon which its principles and aspirations have been built to achieve its main objectives. They are the foundational principles which govern the work at the Marwadi University. These ideals guide the University community in all major decisions and directions.

VALUES

• Passion for Knowledge & Academic Excellence

The University promotes democratic and global citizenship and provides opportunities for the holistic development of students. The University provides professional education to understand complex issues and express informed opinions with courage and conviction. We possess the institutional autonomy and integrity necessary to uphold the highest standards of intellectual inquiry and academic freedom.

We thrive on intellectual pursuits. We engage our students in these quests, seeking to instill in them a lifelong exploration for knowledge and understanding. We balance our duty to academic integrity with our commitment to academic freedom in our vocation and interactions.

• Ethical Conduct & Empathy

The University provides a values-based education that promotes the development of ethical judgment and behaviour. We seek to develop ethical and responsible leaders committed to the common good. We are an educational community connected with society. The students of our University are our defining resource. Our conduct is principled, open, transparent and respectful.

• Inclusivity & Diversity

The University is committed to creating a welcoming, inclusive and collaborative community accentuated by a spirit of freedom and marked by protection of the rights and dignity of the individual. The University values students, faculty, and staff from different backgrounds and is committed to creating an atmosphere of trust, safety, and respect in a community characterized by a rich diversity of people and ideas. We aim to be accessible to all who wish to learn with us. We welcome the world to our campus.

• Community & Social Responsibility

We employ our expertise to serve each other and society. We illuminate pressing social problems and seek solutions. The knowledge we generate enriches the community. We are legitimately concerned with all aspects of our world. We are a bridge and an interpreter between our communities, other people and other nations.

• Accountability & Sustainability

We are accountable for our performance to each other, our students, our alumni, and the public. We value a safe, healthy, and supportive community. Green-thinking is at the heart of all we do. Our common goal is to respect the planet and we are committed to sustainable practices, both on the global stage and in our own working environment.

Vision

- Our vision is to address the challenges faced by our society and planet through 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.

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
- To provide a conducive environment that will enable students to experience higher level of learning acquired through constant immersion leading to the development of character, virtues, values & technical skills

Practiced Values

- Concern for Character
- Concern for Knowledge
- Concern for Practice
- Concern for Academic Excellence
- Concern to be Creative
- Respect for the Individual
- Concern for the Society
- Transparency in Action



CURRENT ACADEMIC PROGRAMS

The University has well crafted and developed programs in the disciplines of Engineering and Science, Commerce and Management, Computer Applications, Pharmacy, Law, Agriculture, Architecture and Research studies. The programs/courses are blended towards shaping of students to having cutting edge knowledge and to face industry requirements.

Faculty of Engineering

Bachelor of Technology (B.Tech.)

- Automobile Engineering
- Mechanical Engineering
- Civil Engineering
- Computer Engineering
- Information Technology
- Information & Communication Technology
- Chemical Engineering

Master of Technology (M.Tech.)

- Chemical Engineering
- Computer Security
- Civil Engineering

Faculty of Science

Bachelor of Science (B.Sc.)

- Microbiology
- Chemistry

Master of Science (M.Sc.)

- Microbiology
- Chemistry
- Physics
- Maths

Faculty of Computer Applications

- B.C.A.

Faculty of Physiotherapy

- Physiotherapy (B.PT)

Faculty of Liberal Studies

- B.B.A
- B.B.A. (Hons.)
- B.Com

Faculty of Business Management

- MBA

Faculty of Law

- B.Com L.L.B. (Hons.) (Integrated 5 years)
- B.A. L.L.B. (Hons.) (Integrated 5 years)

Faculty of Pharmacy

- B.Pharm

MEFGI Diploma Studies

- Mechanical Engineering
- Automobile Engineering
- Civil Engineering
- Electrical Engineering
- Computer Engineering
- Chemical Engineering
- Information & Communication Technology

STUDENT ENROLLMENTS

Department	Branch	2018-19	Total Students
ENGINEERING	AUTOMOBILE	33	72
	CHEMICAL	68	167
	CIVIL	36	82
	COMPUTER	258	529
	ICT	43	72
	IT	36	139
	MECHANICAL	28	91
ENGINEERING	CHEMICAL	8	8
	CIVIL	14	14
	COMPUTER	14	14
	MECHANICAL	2	2
BSc	CHEMISTRY	58	173
	MICROBIOLOGY	69	185
MSc	CHEMISTRY	68	128
	MATH	11	23
	MICROBIOLOGY	61	121
	PHYSICS	36	70
BBA	BBA	138	378
	BBA (HONS.)	94	248
B.COM	BCOM	36	96
LAW	B. Com LLB (Hons.)	6	6
	B. A. LLB (Hons.)	5	5
BCA	BCA	72	179
B.PHARM	B.PHARM	53	53
MBA	MBA	72	130

GRADUATING STARS OF MARWADI UNIVERSITY – 2019

AWARDEES FOR GOLD MEDAL

	Student	Stream	CGPA
100194	PURVA L. KALARIYA	B.B. A	8.67
100493	SHREYA S. NADAPARA	B.B.A. (HON)	8.34
100329	BHAVDIP S. PARSANA	B.C.A.	8.32
101399	CHARMI R. ZALAVADIYA	B.COM.	9.25
101049	RAM D. ULVA	B.SC.(CHEM)	9.65
100401	DHRUVA V. KAKKAD	B.SC.(MICRO)	9.44
102827	SAGARKUMAR J. BHENSDADIYA	M.SC.(CHEMISTRY)	9.02
101673	PRIYANKA A. SANAVADA	M.SC.(MATHS)	9.9
102870	JINKAL D. KAKADIYA	M.SC.(MICRO)	8.89
102763	KINJAL K. JOSHI	M.SC.(PHYSICS)	9.53
103715	MINAL D. PAREKH	MBA-FOBM1 (MU)	7.36

SUMMARY: BRANCH-WISE STUDENT PASS-OUT

PROGRAMME NAME	TOTAL
FACULTY OF LIBERAL STUDIES	149
FACULTY OF SCIENCE	215
FACULTY OF BUSINESS MANAGEMENT	66
FACULTY OF COMPUTER APPLICATIONS	37
GRAND TOTAL	467

ORGANIZATION STRUCTURE

The statutory bodies of Marwadi University are formed as per the provisions stated in the Gujarat Private Universities Act No. 8 of 2009. It functions to make, review and approve from time to time, the policies, plans & procedures and suggests measures for improvement and development of the University.

MEMBERS OF THE BOARD OF GOVERNANCE

NAME	DESIGNATION
MR. KETAN MARWADI	PRESIDENT
MR. JITENDRA CHANDARANA	VICE-PRESIDENT
MS. ANJU SHARMA, IAS	EX-OFFICIO
DR. YOGESHWAR KOSTA	PROVOST
MR. DEVEN MARWADI	TRUSTEE
MR. SANDEEP MARWADI	TRUSTEE
MR. NISHIT CHANDARANA	TRUSTEE
MR. AMISH CHANDARANA	TRUSTEE
DR. K. K. KHAKHAR	EMINENT EDUCATIONIST
MR. VIKRAM SANGHANI	EMINENT INDUSTRIALIST
MR. KISHANBHAI PATEL	EMINENT INDUSTRIALIST
MR. PARAKRAMSINH JADEJA	EMINENT INDUSTRIALIST
DR. R. B. JADEJA	DEAN - FACULTY OF TECHNOLOGY
MR. BIJOYKUMAR BORDOLOI	PRINCIPAL - FACULTY OF ARCHITECTURE
MR. NARESH JADEJA	REGISTRAR AS MEMBER SECRETARY

MEMBERS OF ACADEMIC COUNCIL

NAME	DESIGNATION
DR. YOGESHWAR KOSTA	PROVOST
MR. NARESH JADEJA	REGISTRAR
MR. DEEPAK MATHUR	DEPUTY GENERAL MANAGER, ONCG AHMEDABAD
DR. ANIL ROY	ASSOCIATE PROFESSOR, DAIICT GANDHINAGAR
DR. DEEPAK GARG	PROFESSOR, BENNETT UNIVERSITY
DR. RAJENDRA KUMAR JOSHI	DIRECTOR, L&D CELL
DR. RAJENDRASINH JADEJA	DEAN, FACULTY OF TECHNOLOGY
DR. RAMDEVSIH JHALA	PRINCIPAL, FACULTY OF TECHNOLOGY
DR. SARANG PANDE	PRINCIPAL, RESEARCH STUDIES
DR. R. SRIDARAN	DEAN, FACULTY OF COMPUTER APPLICATIONS
DR. SUNIL JAKHORIA	DEAN, FACULTY OF BUSINESS MANAGEMENT
DR. RAJESH PATEL	PRINCIPAL, MEFGI DIPLOMA STUDIES
DR. RHISHIKESH DAVE	DEAN, FACULTY OF LAW
PROF. BIJOYKUMAR BORDOLOI	ARCHITECT
DR. JAYESH PARMAR	PRINCIPAL, FACULTY OF PHYSIOTHERAPY
DR. LALJI BALDANIYA	PRINCIPAL, FACULTY OF PHARMACY

MEMBERS OF BOARD OF MANAGEMENT & FINANCE COMMITTEE

NAME	DESIGNATION
MR. KETAN MARWADI	PRESIDENT
MR. JITENDRA CHANDARANA	VICE-PRESIDENT
DR. YOGESHWAR KOSTA	PROVOST
DR. RAJENDRASINH JADEJA	MEMBER
DR. RAMDEVSIH JHALA	MEMBER
DR. SARANG PANDE	MEMBER
MR. NARESH JADEJA	MEMBER
MR. HARDIK DHULIA	ACCOUNTS OFFICER

MEMBERS OF THE BOARD OF STUDIES

The Marwadi University Departments have formed Board of Studies consisting experts from Industry and Academics to guide and advise on matters pertaining to development of academic master plan, course structures and reviewing on feedbacks on academic progress.

COMPUTER ENGINEERING & IT DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Dr. Ketan Kotecha	Director, Symbiosis International (Deemed University), Pune.
Dr. Deepak Garg	Professor, Bennet University, Greater Noida.
Dr. Apurva Shah	Professor, Computer Engineering, MS University, Baroda.
Dr. Amit Ganatra	Professor, Charusat University, Changa.
Dr. Amit Lathigara	Associate Professor, Marwadi University, Rajkot.
Prof. Jay Teraiya	Associate Professor, Marwadi University, Rajkot.
Dr. Sunil Soni	Associate Professor, Marwadi University, Rajkot.

INFORMATION & COMMUNICATION TECHNOLOGY DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Dr S. L. Maskara	Retd. Professor, IIT-Kharagpur.
Mr. Sarad Upadhyay	Retd. Director, Samsung, India.
Dr. Anil Roy	Associate Professor, DAIICT, Gandhinagar.
Dr. Maniklal Das	Professor, DAIICT, Gandhinagar.
Prof. Bhaumil Nagar	Sr. Faculty IT Department, NID, Ahmedabad
Dr. Jignesh Bhatt	Assistant Professor, IIIT Vadodara.
Dr. Ashish Phophalia	Assistant Professor, IIIT Vadodara.
Dr. Y. P. Kosta	Provost, Marwadi University.
Dr. R. B. Jadeja	Dean, Marwadi University.
Dr. Ramdevsinh Jhala	Principal, Marwadi University.
Prof. Naresh Jadeja	Registrar, Marwadi University.
Dr. R. D Patel	Associate Professor, Marwadi University.
Dr. Sobhit Patel	Associate Professor, Marwadi University.
Prof. C.D.Parmar	Associate, Marwadi University.

CIVIL ENGINEERING DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Dr. B. J. Shah	Professor, Government Engineering College, Modasa.
Dr. Shirish V. Deo	Associate Professor, NIT, Raipur.
Mr. Manish Doshi	Structure Consultant, Rajkot.
Dr. Ankur C. Bhogayata	Associate Professor, Marwadi University.
Dr. Tarak P. Vora	Associate Professor, Marwadi University.
Dr. Siddharth G. Shah	Professor, Marwadi University.

PHYSICS DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Prof. Anil K. Roy	Associate Professor, DAIICT, Gandhinagar.
Prof. Kamlesh Pathak	Associate Professor, SVNIT, Surat.
Prof. Hiren Joshi	HoD, Saurashtra University, Rajkot.
Dr. Yogesh Jani	Sr. Assistant Professor, Marwadi University.
Dr. Subrata Pal	Assistant Professor, Marwadi University.
Dr. Prashant Ghediya	Assistant Professor, Marwadi University.
Dr. Mukesh Keshvani	Assistant Professor, Marwadi University.
Dr. Jenishkumar Patel	Assistant Professor, Marwadi University.
Prof. Saroj Hudda	Assistant Professor, Marwadi University.

MATHEMATICS DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Dr. Ajay K. Shukla	Professor, SVNIT, Surat.
Dr. B. I. Dave	Professor, M S University of Baroda
Dr. J.C. Prajapati	Associate Professor, SP University, VV Nagar, Anand
Dr. Subhanshu Goyal	Assistant Professor, Marwadi University, Rajkot.

CHEMISTRY DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Prof. Anamik Shah	Vice-Chancellor, Gujarat Vidyapith, Ahmedabad.
Dr. Kamlesh Prasad	Principal Scientist, CSMCRI, Bhavnagar.
Dr. Naval Kapuriya	Assistant Professor, Shree M. & N. Virani Science college, Rajkot.
Dr. Vicky D Jain	Assistant Professor, Marwadi University, Rajkot.
Dr. Hetal Jebaliya	Assistant Professor, Marwadi University, Rajkot.
Dr. Mayank Mamtora	Assistant Professor, Marwadi University, Rajkot.
Dr. Subrata Pal	Assistant Professor, Marwadi University, Rajkot.

MICROBIOLOGY DEPARTMENT

NAME	ORGANIZATION/INSTITUTE
Dr. Satyaprakash Singh	Professor, Saurashtra University, Rajkot.
Dr. Neepa Pandhi	Professor, Virani Science College, Rajkot
Dr. Mehul Jivrajani	Scientist, Beckman Coulter Diagnostics, Bangalore
Dr. G. Nareshkumar	Professor, M S University, Baroda.

MEFGI DIPLOMA STUDIES

NAME	ORGANIZATION/INSTITUTE
Mr. Anirudhh Nagodara	CEO & Founder, Version System Pvt Ltd.
Mr. Sanjay Togadiya	CEO, R K Infotech.
Mr. Bhavesh Makwana	Manager - O& M, Hi-Tech Transpower Pvt.Ltd., Rajkot
Dr. P. P. Kotak	Principal, Government Polytechnic, Rajkot.
Dr. A. S. Pandiya	Principal, AVPTI, Rajkot.
Mr. Jitendra Parekh	Retired Principal, Government Polytechnic.
Prof Rashmikant Raghani	HoD, AVPTI, Rajkot.
Mr. Axay Swaminarayan	HoD, Government Polytechnic, Rajkot.
Mr. Mittal Joiser	Assistant Professor, Marwadi University.
Mr. Shantilal Babaria	Assistant Professor, Marwadi University.
Mr. Mrudurajsinh Chudasama	Assistant Professor, Marwadi University.
Mr. Navnit Patel	Assistant Professor, Marwadi University
Mr. Nikhil Chotai	Sr. Assistant Professor, Marwadi University.

FACULTY OF LAW

NAME	ORGANIZATION/INSTITUTE
Prof. (Dr.) Purvi Pokhariyal	Dean & Director, Nirma University.
Mr. Subhrarag Mukherjee	In House Counsel, Hewlett Packard Enterprise.
Dr. Rhishikesh Dave	Dean, Marwadi University.
Dr. N. Bangkim Singh,	Associate Professor, Marwadi University.
Dr. Rahul Nikam	Associate Professor, Marwadi University.

FACULTY OF COMPUTER APPLICATIONS

NAME	ORGANIZATION/INSTITUTE
Dr. Ram Murugesan	Director - Research, Chettinad Academy of Research and Education, Chennai
Mr. Nitin Bawsay	Chief Executive Officer, Verve System Pvt. Ltd., Ahmedabad
Dr. Parvez Faruki	HoD, AVPTI, Rajkot
Prof. Hardik Joshi	Assistant Professor, Gujarat Technological University, Ahmedabad.
Dr. Parag Rughani	Assistant Professor, Gujarat Forensic Science University, Gandhinagar.
Dr. R. Sridaran	Dean, Marwadi University.
Dr. Sunil Bajaja	Associate Professor, Marwadi University.
Dr. Divyakant Meva	Associate Professor, Marwadi University.

FACULTY OF PHARMACY

NAME	ORGANIZATION/INSTITUTE
Dr. B.N.Suhagia	Dean, Dharmsinh Desai University, Nadiad.
Dr. M.M. Patela	Director, Shree. Swaminarayan Sanskar Pharmacy College, Gandhinagar.
Mr. K. D. Patel	Director, BAN Lab (P) Ltd., Rajkot.
Dr. Lalji Baldaniya	Associate Professor, Marwadi University.
Dr. Rohani Prasad Burman	Associate Professor, Marwadi University.

FACULTY OF LIBERAL STUDIES

NAME	ORGANIZATION/INSTITUTE
Mr. Murli Prashad	Managing Director, Head Hunt Hr Consultants Pvt. Ltd.
Dr. Karunesh Saxena	Director, Mohanlal Sukhadia University, Udaipur.
Mr. Rakesh Patel	Director, Head Hunt Hr Consultants Pvt Ltd.
Dr. H.C. Sardar	Professor, Gujarat University.
Dr. Sunil Kumar Jakhoria	Dean, Marwadi University.
Dr. M. S. Rao	Professor, Marwadi University
Dr. Monica Verma	Assistant Professor, Marwadi University

FACULTY OF BUSINESS MANAGEMENT

NAME	ORGANIZATION/INSTITUTE
Mr. Chetan Bhojani	Founder, Add Value Consultants, Rajkot.
Dr. Sanjay Bhayani	Dean, Saurashtra University, Rajkot
Dr. Sunil Kumar Jakhoria	Dean, Marwadi University
Dr. M. S. Rao	Professor, Marwadi University
Dr. Monica Verma	Assistant Professor, Marwadi University

REMINISCING 1st CONVOCATION OF MARWADI UNIVERSITY 21st OCTOBER 2018.

The 1st Convocation Ceremony of Marwadi University was held on Sunday 21st October 2018 at the Central Auditorium of Marwadi University at 05:00 PM. The Occasion was graced by the Chief Guest Shri. Bhupendrasinh Chudasama, Honorable Education Minister – Government of Gujarat, along with the President, Vice-President and Members of the Governing Body of Marwadi University. 166 graduating students from MBA, M. Sc (Chemistry), M. Sc (Information Technology), M. Sc (Mathematics), M. Sc (Microbiology) and M. Sc (Physics) were awarded Degree Distinctions by Marwadi University. 6 graduating students were awarded Academic Medals for securing 1st position in the respective Degree Programs.

Shri. Bhupendrasinh Chudasama, Honorable Education Minister, addressed the students gathering and congratulated each and every student for their determination and hard work in pursuit of Excellence. Honorable Minister, shared his happiness upon stellar performance exemplified by Marwadi University in the field of Student Activities, Faculty Engagements, steady growth in student admissions and laurels won by the University. A special note on the quality of teaching-learning, which was evident from the Star-Studded A+ recognition by NAAC received by the Institute, was positively noted by the Honorable Education Minister with congratulatory remarks to all the staff-members for this glorious achievement.

Shri. Ketan Marwadi, President Marwadi University, inspired the students to capture each and every opportunity that comes along the way in life and to perform with dedication, honesty, and commitment. The address note ended with a motivating message to graduating students; The world and our Country needs Youth like you. You are Important! You Matter! So, Go Forth, Go Far, and Go Out and be the Pride of our Nation!



PART 2

- Development & Achievements of each Department
- Student Placement & Training
- Incubation Centre: (MU-I²R)
- International Relations
- Learning Resource Centre
- HR Corner
- Nation Building Initiatives

FACULTY OF TECHNOLOGY: COMPUTER ENGINEERING DEPARTMENT

ABOUT

Computer Engineering is much more than programming; it is about inventing and building solutions. It is the most creative field where a computer engineer is an artist whose canvas may be a smartphone or PC display and whose paints and brushes are programming languages and development environments. Can you now imagine a world without Instagram, Snap-chat, Facebook, or Twitter? With a major in computer engineering degree, only sky is the limit.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Participation in Smart India Hackathon 2019 organized by MHRD, Government of India IIT Guwahati and were declared WINNERS under software category for Ministry for Statistics and PI.
- Participation in “TCS CodeVita”
- The Department has set-up various Technical Clubs such as ORACLE, CISCO & GATE which aims at sharpening technical skills of students.

NAME OF CLUB	STUDENT PARTICIPATION
Oracle Academy Club	260
Co Cube	601
Cisco	260

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- Google’s Machine Learning Crash Course was held on 8th September 2018 which was conducted by Mr. Pratik Parmar and Mr. Akshay Dodhiwala. 96 students from the Department had participated. The workshop was aimed to give students a practical experience in Machine Learning and Tensor Flow and to learn how to apply these learning in their projects.
- In support of Oracle Academy India, Oracle Academy Day was organized on 9th October 2018, Ms. Suji Gopalan, Country Manager at Oracle Academy India, shared insights with 210 students. Topics like Data Discovery and Data Design were discussed.
- A workshop on Python with Machine Learning was conducted by Prof. Santosh Chapaneri, Assistant Professor at St. Francis Institute of Technology, Mumbai. 51 students participated in the workshop. The aim was to acquaint students with the concepts of Machine Learning.
- A workshop on 21st Century Grand Challenges in Engineering was held from 20th to 22nd September 2018 by Mr. Avi Trivedi, Ms. Natasha Amtore, Mr. Aviraj Chindarkar which was attended by 133 students.
- Machine Learning with Apache Spark, a workshop was held on 15th & 16th March 2019 with participation of 60 students from Computer Engineering Department which was conducted by Mr. Satish Mishra & Mr. Harsh Mehta.
- 2-Days Workshop on Develop an Android Application using Serverless Technology using Amazon web services was conducted on 8th & 9th March 2019 by Prof. Ashish Parjiya with 60 student participation. This workshop was aimed at giving an edge and insight to students about Android application and AWS cloud service.
- Learning on IoT with AWS Cloud Services: A Way towards Entrepreneurship was conducted by Mr. Rajnikant Joshi and Mr. Bhavik Bhansali where-in 63 students had participated. The workshop intended to equip students with cloud and IoT devices and collect data which are generated using IoT.

EXPERT TALKS

- Dr. George Ghinea, Professor of Brunel University, London visited Marwadi University on 9th May 2019. Prof. Ghinea delivered a talk on Multimedia, its impact and future use. Discussions were also held about the future research work in Multiple Sensory Media.
- The Department invited Ms. Pooja Menon and Mr. Dhruv Brambhatt to deliver a talk on Intellectual Property Rights and MU IP Patent Clinic where 56 final year students participated with 20 projects. The talk and discussions were focussed upon identifying projects for the patent filing.

FACULTY PARTICIPATION IN TRAINING

WITHIN THE INSTITUTE		AT OTHER INSTITUTES	
Title	No. of Faculties	Title	No. of Faculties
IUCEE	24	DAIICT (AIP)	13
FDP by L&D Dept.	24	Emerging Research Topics in Engineering 2019 (ERTE 2019) at NIRMA University	3
IIT Bombay Workshop	16	Industrial Training at Info Stretch Ahmedabad	2
NITTR, Kolkata	13	Industrial Training at Rishabh Software Baroda	3
IPR Innovative Project Selection	37		
Java Foundation by Oracle Academy	24		

RESEARCH & DEVELOPMENT

- Publications by Faculty Members

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2017-18	12	8
2018-19	9	14

- Faculty Achievements and Recognitions
- Prof. Navjyotsinh Jadeja, awarded as one of the TOP 10 Best Performing Faculty Mentors under the category Student Start-up and Innovation Policy Grantee Universities of Gujarat at EDII, Gandhinagar by Smt. Vibhavariben Dave, Honorable Minister of State for Education and Smt. Anju Sharma, IAS, Principal Secretary – Education Department, Govt. of Gujarat.

INFORMATION & COMMUNICATION TECHNOLOGY DEPARTMENT

ABOUT

Information Technology is one of the most emerging fields of engineering that aims at collecting, compiling and converting raw information into useful data. IT profoundly alters the way we communicate with each other, search for information, keep in touch with our friends and families, carry out scientific endeavors, educate the next generation of leaders, voice our opinions, shop, and share with the rest of the world what we consider interesting. The teaching and learning process at the Department revolves around project-based learning, industrial visits, interaction with experts from industries and hands-on series of workshop every semester.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Students of Semester 2 participated in Zonal Level GTU Tech Fest and were awarded 2nd & 3rd Prize for Coding & Circuitrix categories.

- 18 students of Semester 2 participated in Gujarat Industrial Hackathon – 2019 held at Institute of Infrastructure Technology Research and Management, Ahmedabad on 21st February 2019.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- Hands-on Workshop by Mr. Sachin Sanghani and Mr. Sudhir Rupapara, Embedded System Developer, Volansys, Ahmedabad was held on 22nd April 2019 for 29 students of Semester 4 of the Department.

- A talk on Fault-Tolerant Robotics was delivered by Prof. Anthony A. Maciejewski, Professor, Department of Electrical and Computer Engineering, Colorado State University, the USA on 6th March 2019. 44 students in semester 2 participated.

- Expert talk on Cloud Computing by Dr. Zdislaw Polkowski from Poland was arranged by the Department.

- Industrial Visits

PLACE	VISIT DATE	SEMESTER	PARTICIPATION OF STUDENTS
SOLANCE Ahmedabad.	20/10/18	2	44
MY FM, Rajkot.	9/10/2018	2	29
BSNL Rajkot.	11/3/2019	4	29

FACULTY PARTICIPATION IN TRAINING

NAME	TRAINING TITLE	DURATION	INSTITUTE
Prof. Dharmendrasinh D Zala	A practical approach to learn Computer Networks	December 3 to 7, 2018	DAIICT, Gandhinagar
Prof. Nishith Kotak	AIP program for Design and Analysis of Algorithms	November 26 to 30, 2018	DAIICT, Gandhinagar
Prof. Nishith Kotak	AI and Deep Learning Workshop	June 1 to 3, 2018	Marwadi University
Prof. Nishit Kotak	Google Hash code	February 28, 2019.	Marwadi University
Prof. Kumar Anand	Google Hash code	February 28, 2019.	Marwadi University
Prof. C D Parmar	Google Hash code	February 28, 2019.	Marwadi University

FACULTY ACHIEVEMENTS

- Certificate of Appreciation was awarded to Prof. D D Zala for sensitizing and organizing software training workshop at Marwadi University by Spoken Tutorial IIT Bombay.

- Prof. Nishit Kotak has completed the International Engineering Educators Certification Program (IIECP), a flagship program of IUCEE (Indo University Collaboration for Engineering Education) Phase – I, II & III.

- Prof. Ami Pandit was awarded Best Paper Award for Query Processing for Streaming RDF Data in WIECON – ECE 2018 at Thailand.

- Prof. Nishit Kotak mentored students' group from the Department under MYOSA project contest by IEEE Sensors Council and was awarded 2nd Rank with USD 500.

RESEARCH & DEVELOPMENT

PUBLICATIONS BY FACULTY MEMBERS

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2018-19	2	4

ONGOING PROJECTS

PROJECT TITLE	FUNDING DETAILS	ORGANIZATION
"Smart Classroom"	Grant of 2 lakhs approved under New Gen IEDC	DST, Government of India
"Design of a Smart Pen that recognizes English Characters"	Grant of 2 lakhs approved under New Gen IEDC	DST, Government of India
"Medguide"	Grant of 2 lakhs approved under New Gen IEDC	DST, Government of India
"Developing a Low-cost EEG acquisition system for BCI applications: NeuroTalk"	Grant of 2 lakhs approved under New Gen IEDC	DST, Government of India
"Kinnect-O-Therapy"	Grant of 2 lakhs approved under New Gen IEDC	DST, Government of India
"I AM PATHO"	Grant of 2 lakhs approved under SSIP	February 28, 2019.
Environment monitoring using	-	In
AI techniques by Leading India.AI	Grant of 2 lakhs approved under SSIP	February 28, 2019.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

TITLE OF WORKSHOP/SEMINAR	STUDENT PARTICIPATION
Digital System Architecture Realization using HDL and FPGA	23
VLSI Trend & Future Scopea	17
Arduino with Scratch	15
PCB Design	15
HFSS and COMSOL Simulator	18
Programming in C	17

EXPERT TALKS

- Expert Talk was arranged at the Department on 16th February 2019, with a participation of 22 students to acquaint them on VLSI Physical Design Challenges.

FACULTY PARTICIPATION & TRAINING

NAME	TITLE OF WORKSHOP/SEMINAR	INSTITUTE
Prof. Shreyas Charola	One week on FDP on VLSI front end design flow using Cadence tools	DAIICT
Prof. Amit Kumar	Device Modeling & Circuit Simulation for Integrated Circuit Designs	DAIICT
Prof. Poonam Bhojani	Digital Signal Processing	DAIICT
Prof. Sunera Kargathara	Digital Signal Processing	DAIICT
Prof. Jigisha Sureja	A practical approach to learn Computer Networks	DAIICT
Prof. Shreyas Charola	Digital System Architecture using Verilog HDL	DAIICT
Prof. Amit Kumar	Digital System Architecture using Verilog HDL	DAIICT
Dr. Rajendra Patel	High-Performance Computing	DAIICT

RESEARCH & DEVELOPMENT

GRANTS RECEIVED

PROJECT TITLE	PROJECT COST	SPONSORING AGENCY	STATUS
Graphene metasurface bases Biosensor device	₹ 17,96,000	DST, Government of India	Ongoing
A commercialized NavIC compliant receiver development using existing chipset	₹ 2,04,000	SAC, ISRO, Ahmedabad	Ongoing

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2017-18	2	1
2018-19	20	0

START-UPS HATCHED & INCUBATION CENTER CREATED

NAME OF THE START-UP	FACULTY NAME	DATE OF COMMENCEMENT
Electric Vehicle for Make in India	Prof. Sunil Lavadiya	17/09/2018
Smart Pill Dispenser with Doctor Assistant	Prof. Amit Kumar	17/09/2018
Measurement mechanism for marble cutting machine	Prof. Vivek Patel and Prof. Ravi Butani	17/09/2018
Design and Development Of IoT-Based Wearable Wireless Low Power Module for Animal Abnormal Activity Tracking and Geo Localization In Real-Time	Prof. Ravi Butani	17/09/2018

CHEMICAL ENGINEERING DEPARTMENT

ABOUT

The Department aims at demonstrating sustained learning and adapt to the constantly demanding industrial requirements and technologies through higher studies, professional development, and self-study. It also aims in equipping students with sound knowledge of fundamentals and innovations to solve the problems related to Energy, Food and Environment.

STUDENT ACTIVITIES & ACHIEVEMENTS

- The students from the Department showcased exemplary performance at Grand Finale of SSIP, Gujarat Industrial Hackathon 2019 at PDPU, Gandhinagar on 6th & 7th April 2019.
- Students Mr. Shivubha Sumaniya and Mr. Sagar Bhatt presented a paper in the National Conference IPACT - 2019 organized by Annamalai University, which was later published in conference proceedings in IPACT-2019 - EE - 005.
- The Final Year students of the Department participated and won certificates in the events conducted by AZEOTROPY conducted by IIT, Bombay.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Industrial Visits

- Nirma Chemicals Pvt. Ltd, Bhavnagar
- Axwell Granito Pvt. Ltd, Morbi
- Excel Crop Care, Bhavnagar
- Pranami Drugs Pvt. Ltd, Ankaleshwar
- Basic Pharma Life Science Pvt. Ltd, Ankaleshwar

EXPERT TALKS

- Talk on Recent trends in Chemical Engineering was held at the Department by Mr. Prasanta Giri, Sr. General Manager, Reliance Industries Limited, Jamnagar. The talk aimed at orienting students of 3rd, 5th and 7th Semester in the subject area of study.
- Talk on Green Chemistry was delivered by Dr. Kinjal Shah, Foreign Distinguished expert and Associate Professor at Nanjing Tech University, China for the students of 8th Semester.

FACULTY PARTICIPATION IN TRAINING

TRAINING PROGRAM	FACULTY PARTICIPATION
FDP	3
STTP (NITTTR)	3
IUCEE	5

RESEARCH & DEVELOPMENT

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS
2018-19	2

STUDENT ACTIVITIES & ACHIEVEMENTS

- SSIP Summer Innovation Challenge. Students Mr. Mohil, B. Tech, ESE and Ms. Yatri, B. Tech, ESE received 1st Prize in Process Innovation category of SSIP Summer Innovation Challenge (2018).
- Mr. Soham, Ms. Arti, and Mr. Hiren; students from the Department participated in the EPICS Program by IUCEE.
- Ms. Upasana Final Year student from the Department participated at International Water Association Sponsored Conference at M S University, Baroda – 2018.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- Excel Crop Care Ltd, Bhavnagar.
- Nirma Pvt. Ltd, Bhavnagar.
- TSDF Site – Ecocare Infra Pvt. Ltd.
- Ambuja Cement Pvt. Ltd, Kodinar.

EXPERT TALKS

- Talk on Environmental Waste to Value was delivered by Dr. Debleena Bhattacharya on 11th February 2019 to the students of Environmental Science & Engineering.
- Talk on Green Chemistry was delivered by Dr. Kinjal Shah, Foreign Distinguished expert and Associate Professor at Nanjing Tech University, China for the students of 8th Semester.
- A guidance talk on Road to Entrepreneurship was delivered by Mr. Vinoth Rayar to the students of Department. The students were guided about the attributes of an Entrepreneur.

FACULTY PARTICIPATION IN TRAINING

TRAINING PROGRAM	FACULTY PARTICIPATION
STTP in IITs, NITs, etc	4
FDP in-house by L&D Team	1

RESEARCH & DEVELOPMENT

- BIOTHON (Hackathon of Biotech Solutions for State Problems) project under the aegis of Gujarat State Biotechnology Mission, India for the research titled “Design and development of a polyvinyl alcohol (PVA) gel beads based moving bed biofilm reactor (MBBR) for sewage treatment: A sustainable and robust solution for future smart cities” under the theme ‘Swachh Bharat’.
- Awarded BIOTHON (Hackathon of Biotech Solutions for State Problems) project under the aegis of Gujarat State Biotechnology Mission, India for the research titled “Design and Development of a Rotary Drum Composter: A Robust and Sustainable Solution for Municipal Waste Management” under the theme ‘Swachh Bharat’.
- 1st prize in ‘Summer Innovation Challenge’ under “Student Start-up & Innovation Policy” by Government of Gujarat (Honourable Chief Minister). The theme was wastewater purification and title of the proposed design was “Design and study of a fixed-media based IFAS reactor for efficient removal of nitrogen, phosphorus, and emerging contaminants from municipal wastewater”.

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES	BOOKS	CHAPTERS IN BOOKS
2018-19	12	19	1	5

FACULTY ACHIEVEMENTS

• Prof. Dr. Nitin Kumar Singh

Awarded 1st in ‘Summer Innovation Challenge’ under “Student Start-up & Innovation Policy” by Honourable Chief Minister, Government of Gujarat. Prof. N. K. Singh shared insights on wastewater purification and title of the proposed design was “Design and study of a fixed-media based IFAS reactor for efficient removal of nitrogen, phosphorus, and emerging contaminants from municipal wastewater”.

Awarded BIOTHON (Hackathon of Biotech Solutions for State Problems) project under the aegis of Gujarat State Biotechnology Mission, India for the research titled “Design and development of a polyvinyl alcohol (PVA) gel beads based moving bed biofilm reactor (MBBR) for sewage treatment: A sustainable and robust solution for future smart cities” under the theme ‘Swachh Bharat’.

Awarded BIOTHON (Hackathon of Biotech Solutions for State Problems) project under the aegis of Gujarat State Biotechnology Mission, India for the research titled “Design and Development of a Rotary Drum Composter: A Robust and Sustainable Solution for Municipal Waste Management” under the theme ‘Swachh Bharat’.

Department of Science and Technology, Government of India awarded travel grant for attending a conference in Haifa, Israel.

• Prof. Dr. Sneha Gautam

Department of Science and Technology, Government of India awarded travel grant for attending an international conference in Singapore.

Outstanding Reviewer, awarded for by reputed journals of Springer and Elsevier.

• Prof. Dr. Pankaj Pathak

Outstanding Reviewer, awarded by reputed journals of Elsevier.

MECHANICAL ENGINEERING DEPARTMENT

ABOUT

The Department aims to facilitate students with real-life scenarios rather than theoretical practice. It has set-up labs and workshops which offers wide opportunities for practicing and learning the concepts of Mechanical Engineering through a hands-on practice session for creating, integrating and maintaining the mechanical components that are responsible for driving huge machinery.

STUDENT ACTIVITIES & ACHIEVEMENTS

- The students from the Department Participated in SAE BAJA competition held from 6th March to 11th March 2019.
- Participation in ATV championship from 8th May to 10th May 2019.

Students from the Department won Best Innovation award for HPVC event held from 1st February to 3rd February 2019.

- Students from the Department filed a patent on Coolant Filtration System for Machining under the guidance of Prof. Mukhtar Sama.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Departmental Training Program & Events

- A Training program on FEA & CFD was organized during 7th January to 10th January 2019 in association with Technoledge Industries Pvt. Ltd conducted by Mr. Keyur Patel with a participation of 69 students during the workshop.
- Training Program on CNC Programming for 125 Hours by Prof. Vivel Patel and Prof. Prashant Ujeniya under Departmental CNC Club from 6th July to 1st October 2018.
- Training on Automation and Simulation for 66 Hours by Prof. Dhaval Anadkat from 2nd February to 27th April 2019.
- Inauguration of Indian Institute of Welding Student Chapter of MEFGI by Dr. D V Acharya, Dr. Vishvesh Badheka, Mr. Gautam Gohil, Mr. R R Chari and Dr. S. K. Agrawal under IIW was held on 18th January 2019.
- The Department Organized ASME Efx Technical Event which was held on 31st August 2018. Events like Gear Trouble were held which witnessed the participation of 400 students.
- CAD Club nurtured under AMEM by the Department trained 100+ students during the Year which aims in training CAD software among students, an Industries requirement in the Design domain.

INDUSTRIAL VISITS

Hi-con Investment Casting
Angel Pumps
Toyota Engine, Bangalore
Honda Two-Wheeler Mfg. Plant, Bangalore
Amul Industry, Anand
Hindustan Coca Cola beverages Pvt. Ltd.
Indian Railway, Carriage Repair Workshop, Bhavnagar Para.
Toyota and Honda Scooters, Bangalore

WORKSHOP & EXPERT TALKS

- A talk on Design of HPV (Human Power Vehicle) was conducted by Mr. Sundar Raman Mohan, Siemens Power, New Delhi.
- Dr. Dharmendra Raghuvanshi and Mr. Jigar Patel from Welspun India Limited conducted a workshop on “SCED (Student Early Career Development)”.
- A talk on Leadership was delivered by Dr. S B Jadeja, Executive Director, B. H. Gardi College of Engineering & Technology.
- In-house Expert talks on:
 - Medical Device & Its Technologies
 - Doing Business in this Fastest Transforming Era
 - Industrial Metallurgy
 - Investment Casting and Its Metallurgy
 - Welding Technology for Cryogenic Equipment
 - Shipbuilding

MUJCAL: Marwadi University Jyoti CNC Automation Limited Association for Foundry Technology

- Marwadi University Jyoti CNC Automation Limited – a union that will impact vital technical skills essential in “Foundries of Rajkot Cluster” to Engineering students, through hands-on knowledge is given by experienced foundry personnel.

During the Year Following teachings were held at the Department.

NAME OF SUBJECT	DURATION OF COURSE (HRS.)
Rapid Casting: (Tooling, Methoding, Automation & Simulation)	126
Rapid Tooling in Metal Casting	42
Rapid Methoding in Casting	42
Rapid Casting – Automation & Simulation	42
Inspection & Quality Control in Metal Casting	42

CIVIL ENGINEERING DEPARTMENT

ABOUT

The Department of Civil Engineering at Marwadi University channelizes its efforts in grooming students and thus contributes to the growth and development of the nation in terms of foundation infrastructure as well as complex structures.

STUDENT ACTIVITIES & ACHIEVEMENTS

- 25 students from the Department participated in the Ultratech Sparkling Start contest held on 9th March 2019.
- Poster Presentation of Projects of final year UG students witnessed the participation of 80 students.
- Students from the Department participated in Unnat Bharat Abhiyan aimed at Nation Building activities.
- A task of Educating students in the villages was undertaken by the students' group from the Department.
- 14 students from the Model Making Club of Department developed Self-supporting Bridge.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Workshops

- Recent Trend in Earthquake Engineering** was organized at the Department on 22nd & 23rd March 2019 with a participation of 60 students

INDUSTRIAL VISITS

LOCATION	STUDENT PARTICIPATION
Institute of Seismological Research, Gandhinagar	50
Aircon India	120
Khandheri Cricket Stadium	120
Mumbai Port Visit	50
Sardar Sarovar Dam & Rail Museum, Vadodara	75
Visit Of Town Planning Of Lonavala City	40
Bhadra Dam Visit	200
Construction Site Visit at Ahmedabad	50
Steel Construction Site Visit in Rajkot	200
Village Visit- Ratanpar	42

FACULTY PARTICIPATION IN TRAINING

- Prof. Husain Rangwala attended Faculty Development Program organized by the Learning & Development Department of MU.

RESEARCH & DEVELOPMENT

- **Consultancy Projects**
Revenue generated from Material Testing consultancy ₹ 732,152
Revenue generated from Environment Audit consultancy ₹ 43,59,815

PUBLICATIONS

ACADEMIC YEAR	PUBLICATIONS
2017-18	4
2017-19	18

FACULTY OF SCIENCE

PHYSICS DEPARTMENT

ABOUT

The Department aims to achieve the below objectives:

- Interpret the knowledge of the consequences of physics to manage projects in a multidisciplinary environment.
- Apply the principles of physics to solve problems in interdisciplinary fields of science.
- Classify various opportunities associated with applications of Laws of Physics.
- Develop the awareness to be professionally and ethically responsible in the scientific domain.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Ms. Kinjal Joshi participated in Science of Materials (SSM-2019) at UM-DAE Centre for Excellence in Basic Sciences (CBS), University of Mumbai and was awarded Summer Fellowship-2019.
- Ms. Rajal Pandya participated in International Conference on Recent Trends in Nanomaterials for Clean Energy (ICRTNCE-2019) at SVNIT, Surat and was awarded First Prize in Oral Presentation.
- Students Mr. Kirit Radia, Ms. Kinjal Joshi, and Mr. Pradip Kasela participated in Science Manthan – 2019 at Charotar University of Science and Technology, Changa and were awarded Second Prize in Physical Sciences for demonstration.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Workshops

TITLE	STUDENTS PARTICIPATION
Introduction to Astronomy	30
Science Club	25
Latex Workshop	26
De-centralized Solar Workshop	25
Skywatch program	61
Art of PCB Design	35
Science Day	56
MU - Fest Poster Presentation	24
MU - Fest Oral Presentation	8

INDUSTRIAL VISITS

PLACE	STUDENT PARTICIPATIONS
UGC, DAE-CSR, Indore	33
RRCAT, Indore	33
IIT Bombay, Mumbai	33
BARC, Mumbai	33
Magnetic Observatory, Saurashtra University	22
Jaipur Magnetic Observatory, Udaipur Solar Observatory	24
Institute for Plasma Research (IPR), Gandhinagar	51
Muni Seva Ashram, Baroda	22
Muni Seva Ashram, Baroda	52

EXPERT TALKS

- To create awareness among students about the importance and needs of the utilization of solar energy, a talk on De-Centralized Solar Power Department of Physics was scheduled by the Department on 11th December 2018. The talk was delivered by Dr. Rakesh Oza, Associate Professor at Atmiya University, Rajkot and was participated by 28 students from the Department.
- A talk on 'The mass-energy equivalence using $E = MC^2$ and Relativity' was delivered by Dr. Kalpesh Jani, Head Physics Department at Kotak Science Institute, Rajkot. The talk aimed at creating awareness about fundamental concepts of mass and energy and to increase understanding about conversions of energy.

FACULTY PARTICIPATION IN TRAINING

NAME	Name of FDP/STTP	Venue
Dr. Mukta Tripathy	National conference on Exotic materials and Devices	Banaras Hindu University
Dr. Mukesh Keshvani	Faculty Development Program, Level-II, Level-III	Marwadi University
Dr. Yogesh Jani	Faculty Development Program, Level-II, Level-III	Marwadi University
Dr. Jenishkumar Patel	Faculty Development Program, Level-II, Level-III	Marwadi University
Dr. Subrata Pal	Faculty Development Program, Level-II, Level-III	Marwadi University
Dr. Rajeshkumar Sharma	Faculty Development Program Level-I	Marwadi University
Dr. Prashant Ghediya	Faculty Development Program Level-III	Marwadi University
Dr. Prashant Ghediya	IUCEE Phase Level-I	Marwadi University
Dr. Jenishkumar Patel	IUCEE Phase - II and III	Marwadi University
Prof. Saroj Hudda	IUCEE Phase - II and III	Marwadi University

RESEARCH & DEVELOPMENT

Faculty Achievement & Recognition

- Dr. Mukta Tripathi has been awarded a Ph.D. degree in Physical Sciences from the Jaypee University, UP.

PUBLICATIONS

ACADEMIC YEAR	PUBLICATIONS
2017-18	3
2017-19	8



MATHEMATICS DEPARTMENT

ABOUT

In this era of emerging technologies & advanced sciences, developed nations are focusing on applied research by using knowledge linkages between Scientists, Engineers, and Researchers. Mathematics & Statistics form the backbone for knowledge development for Scientists and Engineers. The Department focuses upon producing Scientists equipped with modern mathematics tools with a strong understanding of real-world and Engineering problems.

STUDENT ACTIVITIES & ACHIEVEMENTS

- One-day State Level Seminar (Math XL – 2019) was organized at the Department of Mathematics, Gujarat University Ahmedabad on 5th January 2019. 55 students from the Department participated in the seminar which focused on various branches and topics of mathematics such as graph theory, number theory, financial mathematics, and Mathematical Modeling.
- Student Mr. Kaushal Singh of B.Sc. Semester 4 participated in the Poster Presentation in One-day Seminar (Math XL - 2019) at Gujarat University Ahmedabad, on January 5, 2019.
- Mr. Jay Tamkhane, B.Sc. Semester 4th participated in “The Ad-Mania competition in Management Xperimental Xpression-2019”, a National level event organized Gardi Vidyapth, Rajkot, on 05th February 2019.
- Mr. Khalil Joshi, B.Sc. Semester 4th participated in the Ad-Mania competition in Management Xperimental Xpression-2019, A National level event organized by Gardi Vidyapth, Rajkot, on 05th February 2019.
- Mr. Kaushal Singh, B.Sc. Semester 4 participated in 37th annual meeting of the Astronomical Society of India held at CHRIST, Bengaluru from January 18-22, February 2019.
- Mr. Meet Senghani & Mr. Dikshit Kumar B.Sc. Semester 4 participated in West Zone volleyball tournament at Ganganagar (Rajasthan) from 16th to 18th December 2018.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

National Mathematics Day

- The Mathematics day was celebrated on 21st December 2018 with an objective of creating awareness about importance of mathematics in day to day life situation. National Mathematics Day was celebrated as 131st Birth Anniversary of Shri. Srinivasa Ramanujan, the great mathematical genius who made an exemplary contribution to Mathematics.
- The activities planned for Mathematics day were informative, engaging and entertaining. The students participated in the above program with great zeal and enthusiasm and enjoyed the activities. 150 Students from the Department actively participated in the event.

RESEARCH & DEVELOPMENT

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	CHAPTERS IN BOOKS
2017-18	1	-
2017-19	-	1

Faculty Achievement & Recognition

- Dr. Jignesh Chauhan** successfully completed the pedagogical courses (level 2-3) offered by IUCEE during July 18- Jan 19.
- Dr. Subhanshu Goyal** completed his Doctoral Studies in Mathematics from SVNIT, Surat in October 2018.
- Dr. Jignesh Chauhan** completed his doctorate In Mathematics from SVNIT, Surat in October 2018.

CHEMISTRY DEPARTMENT

ABOUT

The Department of Chemistry focuses upon a broad foundation in chemistry that stresses scientific reasoning and analytical problem solving with a molecular perspective. It also aims to expose the students to a breadth of experimental techniques using modern instrumentation.

STUDENT ACTIVITIES & ACHIEVEMENTS

- 30 students from the Department participated in GNU SciTech Fest-2019 (National Science Day) along with students from 7 Universities and 35 colleges in various competitions organized in the event. 6 trophies were awarded in competitions such as Quiz Competition, Rangoli Competition, Oral Presentation, Elocution Competition, and Non-Working Model Presentation. The Institute also received award for the highest number of Student Participation.
- Science Manthan 2019 was held at P D Patel Institute of Applied Science sponsored by GUJCOST on 5th January 2019. The participation was witnessed by 1300 students from 54 colleges. The students of the Department of Chemistry were awarded prizes for Public Speaking Competition, Poster Presentation, and Creative Quiz Competition.
- “Emerging Trend in Chemical Science and Technology” was organized at M N Virani Science College, Rajkot in February 2019. Students from the Department participated in the event and were awarded in the category Poster Presentation, Model Presentation and Oral Presentation.
- Ms. Krishna Muliyashiya, the student from B.Sc Chemistry Semester 5, participated in Singing Competition at National Level (All India University Youth Fest) organized by AIU and was awarded 2 Gold Medals under the categories Indian Group Song & Light Vocal Solo Singing. Ms. Krishna has been actively participating in various Reality Shows and Singing competitions.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Industrial Learning's

- Visit Indian Institute of Science Education & Research, Pune to explore research facilities for Final Year students of M.Sc.
- An industrial visit to Halcyon Labs Pvt. Ltd. and Synzeal research Pvt. Ltd. with students of B.Sc. Semester 4 was organized on 15th December 2018. Visit intended to enhancing the knowledge of chemical industrial activity and correlating with subject of study.
- Analytical Sophisticated Laboratory visit at Centre of Excellence, NFDD, Department of Chemistry, Saurashtra University, Rajkot with students of M.Sc. Semester 3 on 27th of June 2019 to explore the knowledge of instrumentation and application of it.
- Science Exhibition: The Department organized ‘Science Exhibition’ on 30th August 2018. The Exhibition aimed at exploring the hidden talents of the students with a focus on creating awareness of science and chemistry among the learners. The objective was also to promote interest and encourage students to inculcate a sense of scientific creativity and psychomotor skills through self-designed projects and models. It helped the students to create an awareness regarding science and its impact on the sustainable development of society. The exhibition witnessed with the active involvement of 75 students with participation and presentation of models, 3D charts, posters and model books.

EXPERT TALKS

- Start-up Entrepreneurship talks on IPR by Mr. Anil Pandey (Deputy Director & Head of CII-MoMSME Intellectual Property Facilitation Centre (IPFC), Ahmedabad) for students of Faculty of Science was organized by Department of Chemistry and Microbiology.

- A talk on Implementation of Green Chemistry for Environmental Sustainability was organized at the Department by Dr. Kinjal Shah, Associate Professor at the Department of Municipal Engineering, College of Urban Construction, Nanjing Tech University, China. 250 students of M.Sc. Semester 1& 3 participated along with the faculty members of the Department.

FACULTY PARTICIPATION IN TRAINING

- Dr. Sabera Bijani and Dr. Pravin Bhalerao completed FDP level – III.

- Dr. Jayanti Makasana completed FDP level – II.

- Dr. Suaranjana Mayani, Dr. Yashwant Jadeja and Mrs. Mira Vaishnani have completed FDP level – I.

- Dr. Hetal Jebaliya has completed International Engineering Educators Certification Program (IIECP), a flagship program of IUCEE (Indo University Collaboration for Engineering Education) Phase - II & III during 9th October 2018 to 8th March 2019.

SCIENCE EXHIBITION

The Department organized ‘Science Exhibition’ on 30th August 2018. The Exhibition aimed at exploring hidden talents of the students with a focus on creating awareness of science and chemistry among the learners. The objective was also to promote interest and encourage students to inculcate a sense of scientific creativity and psychomotor skills through self-designed projects and models. It helped the students to create an awareness regarding science and its impact on the sustainable development of the society. The exhibition witnessed with active involvement of 75 students with participation and presentation of models, 3D charts, posters and model books.

RESEARCH & DEVELOPMENT

- A research project submitted to SERB for early Career research program by Dr. Pravin Bhalerao, Assistant professor Department of Chemistry, on 11th August 2018.
- A research project submitted to SERB for TARE research program by Dr. Pravin Bhalerao, Assistant professor Department of Chemistry, on 11th May 2019.

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES	BOOKS
2017-18	9	-	-
2017-19	8	1	4

Faculty Achievements & Recognitions:

Dr. Sabera Bijani, Assistant Professor was awarded Best Oral Presentation for a talk delivered on “Study on Deuterium in Organic Chemistry” in 1st Annual Scientific Summit on Advances in Biology and Chemistry – 2018.

MICROBIOLOGY DEPARTMENT

ABOUT

The Department strives to provide an educational and research environment in basic and applied concepts of microbiology relevant to the living systems, environment, and industries. It also grooms students to function as a part of a multidisciplinary team for various academic or industrial interests.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Ms. Radha Kundaliya, B.Sc Microbiology semester 4 student participated in Times of India Public Speaking content and illustrated the remarkable performance and attained 5th position at the state level and was awarded a cash prize, certificate, and a trophy.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- A visit to U-Fresh Milk & Food Products Pvt. Ltd was organized by the Department on 21st December 2018 for the students of Semester 4 for the practical exposure of learnings at the classrooms.
- As a part of the teaching-learning process, an industrial visit to Adani Spices Pvt. Ltd was organized on 14th September 2018 for the students of Semester 3.
- In order to orient students with pharmaceutical production, upstream processes, downstream process, different bioreactors and purification processes as well as to give practical exposure to the subjects “Bioprocess technology” and “Pharmaceutical Microbiology”, an Industrial visit to Intas Pharmaceuticals, Ahmedabad was organized on 20th September, 2018 for the students of semester 3. The visit gave practical insights to the students about the topics covered during their studies at the classrooms.

EXPERT TALKS

- An expert talk was delivered to the students of Microbiology by Mr. Alok Vaidya, Director of SLS Life Science Pvt. Ltd. on startup ventures in biotech entrepreneurship.
- A workshop on Computational tools and Biostatistics for the students of M.Sc was held at the Department by Dr. Lalji Baldaniya, Principal Faculty of Pharmacy and Dr. Prasanta Biswas, Associate Professor Faculty of Business Management.

FACULTY PARTICIPATION IN TRAINING

IUCEE Phase 3	FDP Level 3
Dr. Gaurav Sanghvi	Dr. Gaurav Sanghvi
Dr. Rekha Jain	Dr. Mahendrapalsingh Rajput
Dr. Mahendrapalsingh Rajput	Dr. Rekha Jain
Ms. Bhoomi Patel	Dr. Ujwalkumar Trivedi
	Dr. Bhoomi Patel
	Dr. Prabuddha Gupta
	FDP level 2
	Dr. Jaswandi Dandekar
	Dr. Krishna Joshi

RESEARCH & DEVELOPMENT

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	BOOKS CHAPTERS
2017-18	5	3
2017-19	6	3

MEFGI

DIPLOMA STUDIES

ABOUT

The Diploma Engineering Program of Marwadi University is designed with a curriculum focused on practical and skill-oriented training. The program covers the essentials when ranked with an undergraduate degree engineer. It also aims to provide students with Industry or job-related knowledge, scientific skills, computing & analysis, mathematical techniques, a sound knowledge of English to communicate in the field and the ability to apply problem-solving techniques.

STUDENT ACTIVITIES & ACHIEVEMENTS

- CREATO - A National Level Project Competition for Diploma students was held at B. & B. Institute of Technology, VV Nagar, Anand on 26th & 30th March 2019. Students from Semester 2 & 4 of Computer Engineering & ICT Department actively participated in the competitions.
- Students from Semester 2 of the ICT Department participated in Gujarat Industrial Hackathon 2019 organized at PDPU, Gandhinagar.
- FROLIC an event for Diploma students was organized at Darshan Institute, Rajkot on 31st August 2018, Semester 2 students of ICT Department participated and were awarded 1st Prize.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- Seminars & Workshops:

PROGRAM NAME	STUDENT PARTICIPATION
Arduino Programming	60
AutoCAD Electrical	13
Industrial Metallurgy	31
Introduction to Computer Test	225
Introduction to Linux Test	61
NE 555 IC Interfacing with modules	60
PHP and MySQL	49
Single-layer PCB Designing	67

FACULTY PARTICIPATION IN TRAININGS

TITLE OF PROGRAM	FACULTY PARTICIPATION
Seminar	26
Faculty Development Program	18
Workshop	10
STTP	5
AIP Training	1
Conclave	1
International Engineering Educators Certification Program by IUCEE	1

INDUSTRIAL VISITS

LOCATION	DEPARTMENT	STUDENT PARTICIPATION
Institute of Seismological Research, Gandhinagar	Computer Engineering	70
Rishabh Software, Vadodara	Computer Engineering	30
BISAG, Gandhinagar	Computer Engineering	31
Sardar Sarovar	Electrical engineering	8
Atlanta Electrical	Electrical engineering	8
Om Electrical	Electrical engineering	8
Wanakbori TPS	Electrical engineering	18
Senor Metals Pvt. Ltd., Jamnagar	Electrical engineering	8
Yellow Gold Components, Jamnagar	Electrical engineering	8
Solance and Science City, Ahmedabad	ICT engineering	67
Reliable Dyes Pvt. Ltd, Junagadh	Chemical Engineering	43
Gallent Metals, Bhachau	Chemical Engineering	42
Param Polymers, Rajkot	Chemical Engineering	25
Digvijay Cement, Jamnagar	Chemical Engineering	25
Axwell Granito, Morbi	Chemical Engineering	42
Alox Casting	Mechanical Engineering	90
Kishan Forging	Mechanical Engineering	30
Jay Bhavani Casting	Mechanical Engineering	31
Popular Industries	Mechanical Engineering	28

FACULTY ACHIEVEMENTS

- Certificate of Appreciation was awarded to Prof. Hinal Shah for sensitizing and organizing software training workshop at Marwadi University by Spoken Tutorial IIT Bombay.

RESEARCH & DEVELOPMENT

PUBLICATIONS

Academic Year	Papers in International Journals	Papers in Conferences
2018-19	3	3

FACULTY OF LAW

ABOUT

Faculty of Law endeavors to be an institution of global excellence in legal education, training, and research for the advancement of the rule of law and justice. With a mission to prepare legal professionals with ethical values, substantive knowledge, and practical skills they need to become effective advocates of justice and rule of law. It also aims to provide student-centric education and foster personal and intellectual growth to prepare students for productive careers, meaningful lives, and responsible citizenship in a global society.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Participation in MOOT Court Competition at Nirma University, Ahmedabad on 31st August to 2nd September 2018.
- Participation in MOOT Court Competition at IMS Unison University, Dehradun on 20th to 22nd September 2018.
- Rajkot Youth Model United Nations was held on 11th & 12th August 2019. Students from Semester 1 B.A. LLB (Hons) Mr. Tushar Jain, got the Special Mention Award & Mr. Raghav Khadria was awarded 1st Verbal Delegates in the event.
- To create awareness about English Language, students from the Department Participated in English Day

B.A. LLB		
SR. NO.	STUDENT NAME	ACHIEVEMENT
1	Pratyush Khanna	1 st
2	Siddhantraj Chavda	2 nd
3	Nitish Kumar	2 nd
B.Com, LLB		
1	Abhijeetsinh Parmar	1 st
2	Bhavisha Bhadarka	2 nd
3	Dakshini Vishal	2 nd

EXPERT TALKS

- MOOT Court training by Mr. Vibhor Chaplot, Associate, Economic Law Practice was organized on 11th August 2018. Students were introduced to Moot Court, by providing basic training along with an interactive session on basic mooting skills.
- MUN training was organized by the Department on 25th August 2018. Ms. Mitsu Parikh, Lawyer and expert in MUN who has participated in various National and International MUN, provided training on Model United Nations to the students.
- Career Counselling session by Mr. Arjun Doshi an Associate with Shardul Amarchand Mangaldas, and a graduate from Nirma University, Ahmedabad was held on 15th September 2018.
- A training session on how Debate practices are carried out in different platforms especially for the law students and demonstrating the significance of debating logic and skills with topics such as “Whether panipuri should have Committee checking” & “Whether retirement age should be increased to 70 years” was organized at the Department on 22nd September 2018.
- A talk on “Enhancing Communication Skills in English” by Prof. Harmik Vaishnav, Professor at Pandit Deendayal Petroleum University, Gandhinagar.

Talk on “Essentials of a Comprehensive Contract with reference to Government Contract” was delivered by Mr. Subhrarag Mukherjee, Region Lead Counsel – the Asia Pacific and Japan in Hewlett Packard Technologies Ltd on 24th November 2018.

- Prof. Hemixa Rao, Ex - Vice-Chancellor, Hemchandracharya North Gujarat University, Patan delivered a talk on Indian Society and Law: An Interface on 24th May 2019.
- Mr. Abhishek Awasthi, Practicing Advocate, CERC on 31st May 2019 delivered a talk on Consumer Protection Laws in India and also trained the law students how to file consumer complaints.
- Lecture Series on Comparative Law by Prof. Sarah K Harding, Associate Professor, Chicago Kent College of Law. Prof. Harding teaches a range of classes including property, cultural heritage law, comparative law, and comparative constitutional law. 5 days Lecture Series by Prof. Sarah K Harding was held at Marwadi University to deliver deeper insights on Comparative Law for the students at the Faculty of Law.

FACULTY PARTICIPATION IN TRAINING

- Faculty Development Program (FDP) Level-1, October, 2018 – 4 Faculties.

FACULTY ACHIEVEMENTS

- A cumulative grant of € 9.2 Lacs is sanctioned by ERASMUS+ KA2CBHE (ERASMUS+ Key Action 2 Capacity Building in the field of Higher Education) for the development of Post Graduate program in “International Law and Forced Migration Studies”.

PUBLICATIONS

ACADEMIC YEAR	Papers in Journals	Papers in Conferences
2018-19	3	3

FACULTY OF COMPUTER APPLICATIONS

ABOUT

The Institute provides an outstanding environment to students and lends them a thorough and sound background in subjective as well as application-based education. It also offers a well-balanced course that thrusts upon emphasizing on preparing, practicing and performing complex applications in computer and software.

STUDENT ACTIVITIES & ACHIEVEMENTS

Students of M.Sc Cyber Security & Cyber Law, Mr. Harsh Thakor, Ms. Harsha Nair, Mr. Nikunj Sapara and Mr. Prashant Patel published Research Papers at Indiacom at New Delhi on 14th March, 2019.

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Publication of Articles in Departmental Magazine “Techies Gazette” by Mr. Harsh Thakor, Ms. Harsha Nair & Mr. Sanchi Jani.

Workshops Organized at the Department

Expert Name	Program Title
Mr. Krishna Sharma	Cyber Security
Mr. Krishna Sharma	Ethical Hacking workshop
Mr. Abhishek Poojara	Web designing and WordPress
Mr. Vishesh Thaker	Networking workshop
Prof. Maulik Parekh	Android
Mr. Naresh Kakkad	Advanced PHP
Prof. Bhavesh Javani & Prof. Seema Trivedi	Dot Net workshop
Faculties of L & D Department	Vacation training for Final Year students (MCA, MSc IT, IMCA)

EXPERT TALKS

Expert Name	Program Title
Mr. Bhavesh Atara	Computer Networks
Mr. Narendrasinh N Zala	Cyber Security Awareness
Mr. Punit Ladhada	Database Management System
Mr. Ashish Gondaliya	PHP
Mr. Chandresh K Kumbharana	Object Oriented Programming in C++
Dr. Priti Sajja	Artificial Intelligence
Mr. Rakesh Gupta	LARAVEL
Mr. Pranav Vaishnav	System Analysis and Design
Mr. Jignesh Dhol	Search Engine Optimization
Prof. Komal Shah	Design and Analysis of Algorithms
Dr. Atul Gosai	Fundamentals of Networking
Ms. Poonam Malkan	Web Development Technologies
Mr. Divyesh Kamothi	Python
Mr. Sahun Shaikh	Operating Systems
Mr. Brijesh Kumar Pandey	Unified Modeling Language

RESEARCH & DEVELOPMENT

- Grant of ₹ 2 Lakhs has been awarded under the New Gen IEDC, DST Government of India for the Prototype development under the project “Smart DigiFarm”

PUBLICATIONS

ACADEMIC YEAR	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2017-18	6	3
2018-19	24	9

FACULTY OF PHARMACY

ABOUT

The Faculty of Pharmacy is poised to create trained undergraduates with in-depth knowledge in pharmaceutical sciences in a futuristic, state-of-the-art set-up to facilitate research and leadership. It also aims to enhance Industry-Institute interaction for industry-oriented education and research.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Oral Presentations by students Mr. Jay Chhaniyara & Ms. Shraddha Mirani on Topical Spray to Relieve from Menstrual Pain at DST-SERB and SSIP Sponsored Boot Camp for Idea Marathon organized at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot
- Industrial Visit to West-Coast Pharmaceutical Works Ltd, Ahmedabad on 23rd March 2019.
- Academic visit at Pharmaceutical Department equipped with sophisticated analytical instrumental facilities at Saurashtra University on 2nd June 2019.
- 20 Students from the Department participated PharmaFest'19 at Parul University organized by the Department of Pharmacy.

ACTIVITIES AT DEPARTMENT

- “Entrepreneurship Awareness Program” in association with Entrepreneurship Development Cell (EDC), SSIP was organized at the Department on 27 July 2019, with the participation of students and faculty members. The Talk was delivered by Dr. Manish Rachchh, Director (R&D) & CEO, Accuprec Research Lab Pvt. Ltd and Dr. Mukesh Gohel, PG Research Director & Professor at Anand College of Pharmacy, Anand.

The program aimed at attaining objectives such as:

- 1) To appreciate creative solutions/innovators at the state level and to inspire students.
- 2) Explore and leverage untapped potential within students and explore new ways of learning by doing something hands-on and bringing impact.
- 3) Uplifting the spirit of innovation beyond technology intervention, embrace experiments in the pharmaceutical domain to bring change at individual, institutional or health care system level.
- 4) To sensitizing young minds with regard to challenges being faced by our Country and State in particular and how long-lasting impact can be achieved.

FACULTY PARTICIPATION IN TRAINING

TITLE OF PROGRAM	FACULTY PARTICIPATION
National Institute of Technical Teacher's Training & Research, MHRD	2
Faculty Development Program	5

RESOURCEFUL TALKS IN OTHER INSTITUTES:

NAME OF FACULTY: **Dr. Lalji Baldaniya**

EVENT	ORGANIZER
National level - GUJCOST Sponsored STTP on “QbD: Academic and Industrial Perspective”	Department of Pharmaceutical Science, Saurashtra University, Rajkot.
National level - GUJCOST Sponsored National Seminar & Workshop on “QbD: The integrated approach for quality product development”	Department of Pharmacy, SumandeepVidyapeeth, Vadodara.
National level - GUJCOST Sponsored National Seminar on “Concept of Dosage Form Designing – An Industrial Perspective”	Sardar Patel College of Pharmacy, Bakrol, Anand.
National level - GUJCOST Sponsored National Seminar on “Quality Risk Management in Pharmaceuticals”	Babaria Institute of Pharmacy, Vadodara.
Internal level - One-day hands-on workshop on “Computational tools for biostatistics”	Department of Microbiology, Marwadi University, Rajkot.
National level - GUJCOST Sponsored STTP on “Biostatistics in Pharmaceutical Research: From concept to applications”	School of Pharmacy, Parul University, Vadodara
State level - Gujarat State Pharmacy Council sponsored Refresher Course for Registered Pharmacist	Department of Pharmaceutical Science, Saurashtra University, Rajkot.
State level - SSIP - Govt. of Gujarat supported Boot camp on Creativity and Innovation	Anand Pharmacy College in association with Anand English Medium School, Anand.
National level - GUJCOST Sponsored one day National Seminar & Workshop on “3D Printing Technology in Pharmaceutical Drug Delivery”	Bhagwan Mahavir College of Pharmacy, Surat

FACULTY OF LIBERAL STUDIES

ABOUT

Faculty of Liberal Studies at Marwadi University offers a variety of undergraduate programs in the domain of Commerce & Business Management since 2016. All the programs are designed with a very specific focus and outcomes to be achieved through value education being imparted to young business professionals. The programs include BBA, BBA(Hons), BBA (Financial Management), B. Com & B.Com(Hons).

BBA Program started in 2016 with an aim to develop professional acumen in the field of business for students coming from diverse backgrounds. The BBA Program introduces and exposes the students to various industry-specific management functions such as those in the areas of Marketing, Finance, and Human Resources enabling a student to get attuned to the expectations of the corporate culture. The program has core courses, competency builders, amalgamators, augmenters, practical work, case studies, industry interface, and research.

BBA (Hons) started in 2016 by Marwadi University with the aim to develop industry-ready business professionals with skills-set required by the corporate world to lead the global businesses. This corporate-ready BBA course comes with value-added skills embedded in the syllabi which prepare young individuals for modern-day business challenges.

BBA (Financial Markets) started in 2017 in collaboration with NSE academy with an aim to develop professionally with up-to-date financial market skills as per changing and emerging market scenario.

The Bachelor of Commerce program at Marwadi University offers the development of a wide spectrum of managerial skills in students along with building a strong competence in the specific area of business studies.

The Bachelor of Commerce (Honors) program at Marwadi University is designed to equip the graduates with knowledge, understanding, and skills required in the modern financial and accounting field. It enhances student's proficiency in understanding trade and industry and current scenario of Indian and Global economy through continuous learning and improvements in disciplines of banking, finance, insurance, taxation, accounting, economics, and statistics. It is an innovation by Marwadi University to prepare the students to give them the cutting edge over other students pursuing professional qualifications.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

- **Theatre Workshop** for the students of BBA was organized by L&D Department on 23 August 2018, on **Role Play Theme**.
- **Corner Workshop on Corporate Grooming & Business Etiquette** conducted by Mr. Brijmohan Yajnik on 7th July 2018 for the BBA 5th Semester students.
- Art of Living workshop was organized for **70 students** of BBA (Hons) Semester II from 1st April to 05th April 2019.
- **Stock mind Stock trading game** in association with ICICI was organized for BBA (FM) students in which students have played at the national level also.
- Workshop on **“Tax Planning for Individuals”** from 5th March to 11th March 2019 was organized for BBA (FM) students to provide Income Tax basic, where expert CA Khushboo Ganatra, CA Hiren Parekh and CS Ronak Raithaththa have delivered a technical session on various aspect of Tax planning for Individuals.
- A **Corner Workshop** was organized by Department of Communication Skills Marwadi University for B.Com. & B. Com (Hons) students to strengthen their English.

INDUSTRIAL VISITS & RECREATIONAL TRIPS

- Industrial visit to Balaji Wafers was organized for BBA- Sem-1 on 8th March 2019
- Industrial Visit to Parle Products, Bhuj was organized for BBA – Sem-3 on 14th July 2018.
- Industrial Visit to Mundra Port, Kutch, was organized for BBA- Sem-6 on 6th October 2018. Excursion cum industrial visit to Delhi, Chandigarh, Amritsar and Wagha Border for the students of BBA-4 Sem.
- 97 Students of BBA(Hons) Sem-3 visited Adani Port, Kutch on 15th and 16th June 2018 and explored four different plants of Adani Group.
- 40 Students of BBA (Hons) Sem-1 visited Export Unit of Hindustan Unilever Ltd situated at Kandla SEZ, Kutch on 14th November 2018 and explored the production plant.
- 68 students of B. Com & B.Com.(Hons) got the opportunity to gain practical experience by Industrial Visit at Atlas Metal Industries, Jamnagar.
- 75 students of B.Com. & B. Com (Hons) visited Amrut Agro and Food Processing, Gondal.
- 74 students of B. Com & B. Com (Hons) visited Mahalaxmi Spices, Gondal.

EXPERT TALKS

- A webinar- “Introduction to technical analysis of Stocks” was organized for the students of BBA finance specialization by CFA Mr. Vivek Masrani, Founder at Techno Funda was organized on 10th December 2018.
- Guest lecture on Introduction to IPR by Mr. Gagandipsingh Khanduja was organized for the students of BBA on 22nd September 2018.
- Career Planning Seminar on Prospects for Further Studies at India & Abroad by Mr. Javed Malek & Mr. Malhar Patel was organized for the students of BBA on 28th December 2018.
- Motivational Talk on Self-Management was delivered for the students of BBA and BBA(Hons) by Mr. Rajiv Solanki on 27th December 2018.
- Career Planning Seminar was delivered for the students of BBA (Hons) by Mr. A K Srinivas from Bangalore on 09th June 2018.
- Seminar on Further Studies Prospects was delivered for the students of BBA (Hons) by Mr. S Chandrashekar and by Mr. Malhar Patel on 28th September 2018.
- Expert talk by Mr. K. K. Gondaliya, Manager MSFL was organized on Basics of Mutual Funds for BBA (FM) Students on 23rd February 2019.
- Expert Talk by Mr. K. K. Gondaliya, Manager MSFL was organized on subject Back Office Operations for BBA (FM) Students on 15th January 2019.
- Expert Talk by Mr. K. K. Gondaliya, Manager MSFL was organized on the subject Capital Market Dealer Module for BBA (FM) Students on 15th January 2019.

FACULTY PARTICIPATION IN TRAINING

PROGRAM TITLE	FACULTY PARTICIPATION
FDP at IIM Bangalore “Machine Learning with Business Application	1
FDP by L&D Dept.	9
Workshop on Case Teaching and Case Writing on 18th& 19th January 2018	22
One-day FDP Research methodology for Management teachers on 8th Feb 2018	21
One-day FDP on Campus to Corporate 28th February 2018	27
One-Week FDP on Research Methodology from June 21 to June 27, 2018	29
One-day Workshop on Data Mining and Analytics (Understanding Statistical Analysis Using R) on 11th Oct 2018	23
One-day FDP on Business Analytics: prospects on 22nd January 2019	15
Expert Talk & Interactive Session “Teacher as a Torch Bearer of Change” on 22nd January 2019	26
One day Workshop on R and its Algorithms for Management on 9thFeb 2019	23
One-day Workshop on Statistical Applications using R on 16th Feb 2019	29
One-day Workshop on Case writing & Publication-II on 3rd August 2019	22

LIVE PROJECTS

- 04 Students of BBA (Hons) did a live project for 06 Days at ergodot, Rajkot. They managed the operations of a stall for the company at a high-end business exhibition at Rajkot in December 2018.
- 27 Students of BBA (Hons) underwent an internship for 01 Month at Bajaj Finserv Ltd, Rajkot. They were allocated different brand stores to promote the product of the company in January 2019.

CLUBS & FORUMS AT FOLS

- The FoLS has set-up various Technical & Non-Technical Clubs such as Finance Club, Gen Y and Cultural Club which aims at sharpening technical and non-technical skills of students.

NAME OF CLUB	STUDENT PARTICIPATION
Finance Club	23
Cultural Club	18

PUBLICATIONS

ACADEMIC YEAR	BOOKS PUBLISHED	CHAPTER IN BOOK	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2017-18	0	0	3	2
2018-19	1	1	5	1

FACULTY OF BUSINESS MANAGEMENT

ABOUT

MBA started in 2016 by the Faculty of Business Management, Marwadi University with the aim to develop industry-ready business professionals with skill-set required by the corporate world to lead the global businesses. This corporate-ready MBA course comes with value-added skills embedded in the syllabi which prepare young individuals for modern-day business challenges.

STUDENT ACTIVITIES & ACHIEVEMENTS

- Mr. Keyur Makwana underwent HR Internship at Adani Port, Mundra.
- Mr. Harshit Mehta student from Sem-3 was awarded 3rd Prize in Marketing Simulation Game.
- Mr. Ravi Pabari student from Sem-3 was awarded for Spot Sales Competition of Funny Photo Auction at IIM Ahmedabad.

WORKSHOPS, EVENTS, & INDUSTRY VISITS

Value-Addition Courses

- 60 students from Sem-1 attended Advance Corporate communication course of MBA. The workshop was conducted by L & D Department.
- 60 students attended the Advance Excel Certification course by CS Ronak Raithaththa on 5th to 8th October 2018 provided by Faculty of Business Management, Marwadi University.
- Six Sigma certification course was organized by Faculty of Business Management for 70 students of Sem – 3 on 3rd & 6th October 2018.
- Mock PI for MBA Sem - 3 students was organized in the Month of Oct – Nov 2018 by classified domain experts.

INDUSTRIAL VISITS

Value-Addition Courses

- 60 students of MBA Sem-1 visited IIM Ahmedabad.
- 65 students of MBA Sem-1 visited Verka – Milk Producing Company and Coca Cola for RIST subject.

FACULTY PARTICIPATION IN TRAINING

PROGRAM TITLE	FACULTY PARTICIPATION
FDP at IIM Bangalore “Machine Learning with Business Application	2
Workshop at IIM Ahmedabad “Doctoral Summer School 2018”	1
Faculty Development Program, MU	6
One Week FDP on Research Methodology from June 21 to June 27, 2018	20
One day Workshop on Data Mining and Analytics (Understanding Statistical Analysis Using R) on 11th Oct 2018	17
One day FDP on Business Analytics: prospects on 22nd January 2019	16
Expert Talk & Interactive Session “Teacher as a Torch Bearer of Change” on 22nd January 2019	19
One day Workshop on R and its Algorithms for Management on 9th February 2019	19
One day Workshop on Statistical Applications using R on 16th Feb 2019	18

PUBLICATIONS BY FACULTY MEMBERS

ACADEMIC YEAR	BOOKS PUBLISHED	CHAPTER IN BOOK	PAPERS IN JOURNALS	PAPERS IN CONFERENCES
2017-18	0	0	2	1
2018-19	1	1	2	1



STUDENT PLACEMENTS & TRAINING CELL

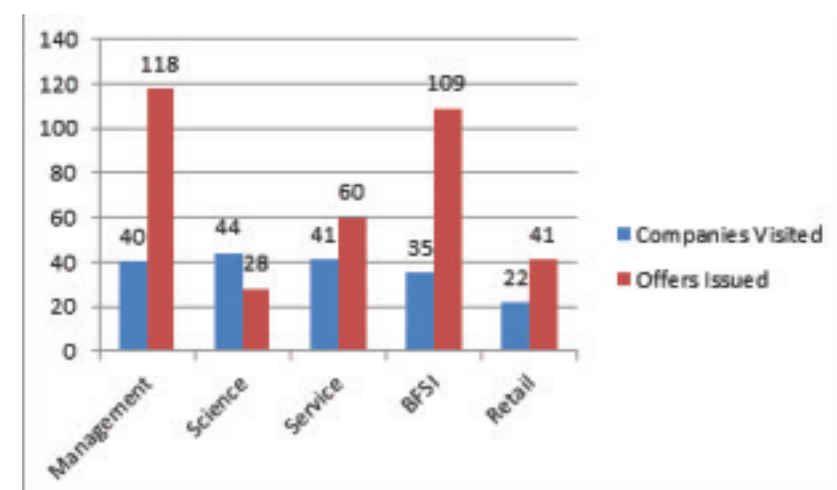
ABOUT

The Student Placement Department at Marwadi University works closely with Industrial Houses & Corporates to generate employment opportunities for students. The Placement Team comprises of 8 members spread across the nation to cater to the needs of the organizations for placements. The Department generates placement opportunities in over 450+ companies annually. To bridge the gap, the Placement Department shares the feedback report received from the companies with concerned stakeholders for better improvement, which enhances the skills of students for better employment prospects. The Department uses technologically advanced software for Data Base Management, monitoring the entire process starting from generating leads to students joining the organization.

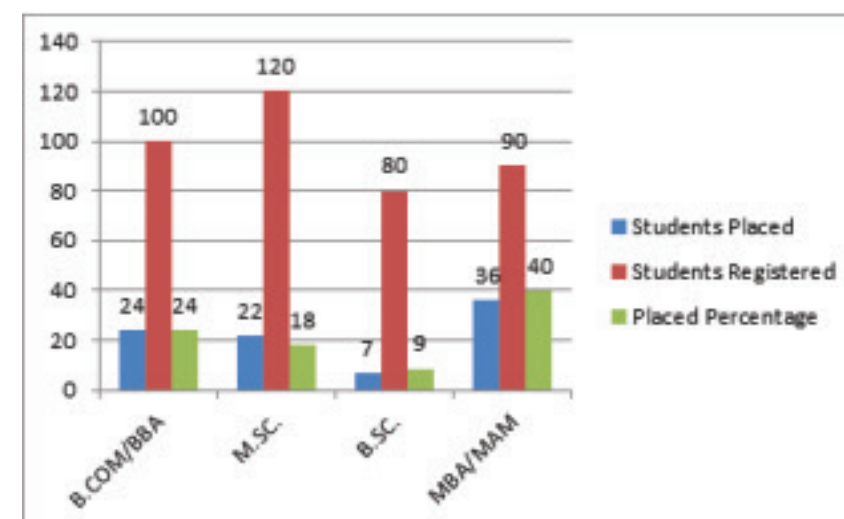
YEAR-WISE PLACEMENT COMPARISON

PROGRAM	ACADEMIC YEAR 2017-18	ACADEMIC YEAR 2018-19
B.Com / BBA	-	57
M.Sc.	101	153
B.Sc.	-	62
MBA	21	66

SECTOR-WISE DISTRIBUTION OF OFFERS



PROGRAM WISE STUDENT PLACEMENTS



LEARNING & DEVELOPMENT DEPARTMENT

The University offers a unique learning platform for students, faculty members and external entities unlike most other Universities in the country.

The Marwadi University offers excellent training programs for teaching fraternity in three specially designed FDP modules.

IN-HOUSE PROGRAMS: 5 DAYS FACULTY DEVELOPMENT PROGRAMS (FDP)

Faculty Development Program focuses on a practical hands-on approach that demonstrates the interactive teaching methodology, with the use of innovative teaching aids.

- FDP 1: Building Competent Facilitation Skills (5 Days)
- FDP 2: Pedagogical Skills (5 Days)
- FDP 3: Innovative Teaching Methods (5 Days)

EXTERNAL PROGRAMS: TEACHER'S TRAINING PROGRAMS

The Department offers excellent training programs customized for different groups of students and are offered to all the programs and semesters.

IN-HOUSE PROGRAMS: SPECIAL INTEREST GROUPS (SIG)

- SIG 2 in the second semester focuses on Communication Skills and study methods.
- SIG 4 in the fourth semester focuses on Teaming and Problem Solving
- SIG 6 in the sixth semester focuses on the Teachability – Assessment, Alignment, and Attitude.
- SIG 7 in the seventh semester focuses on the Finishing Skills and the Grooming.

IN-HOUSE PROGRAMS: SPECIAL PURPOSE TRAINING (SPT)

- Special Purpose Training, designed with a sole focus on Placements.
- A training module comprised of Quantitative Aptitude (10 hrs per class), Verbal Aptitude (4hrs per class), Resume Building & Review (2 hrs per class) & Personal Interview (2 hrs per class) was imparted.

IN-HOUSE PROGRAMS: THEATER WORKSHOP

- The students were facilitated with a conducive environment to express themselves and experience the thrill of the stage.
- The students worked in groups and presented different role plays on the stage.
- The platform gave them scope to write a role play script and perform on stage.

STUDENT'S COVERAGE IN PROGRAMS

Particulars	GD		SPT		Corner Workshops		Outbound W/S	
Academic Year	No. of Batches	No. of Participants	No. of Batches	No. of Participants	No. of Batches	No. of Participants	No. of Batches	No. of Participants
2017-18	75	916	8	366	14	307	6 (1 day) 1 (3 days SHAPE)	175 (teachers 35 + (Senior Post Insp)
2018-19	8	351	83	2690	23 (48 hrs)	539	3 Days (14 Hours) Dholakiya School	390 Students

Knowledge Adda		Documentary show		Mega Quiz		5 Days (16 Hours)	106 Teachers
19	347	15	279	15	200+ (per day) 50+ each comp.	SHAPE Prog.02 (6 Days)	70 + (Jr. executives, clerks)
Career Chronicle				Theater WS			
6	(200+ readership) Total Student Reach 1200)			2 Prog (12 Hrs)	171+ students (MBA		

Faculty Development Programs undertaken by the Teachers at the University

Training Type	L&D Department, MU	Others	Grand Total
External	-	47	47
Internal	153	-	153

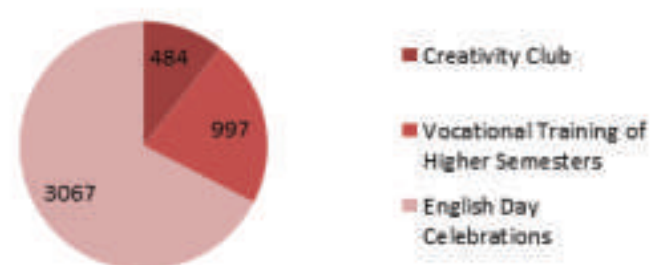
Professional / Administrative Development Programs organized for teaching staff / non-teaching staff

Training Type	L&D Department, MU	Others	Grand Total
External	-	2	2
Internal	1	-	1

DEPARTMENT OF COMMUNICATION SKILLS

Department of Communication Skills offers a wide range of courses to enrich communication proficiency in English. The courses are designed in order to fulfill the requirements of the industry and the workplace. The courses are aimed at enhancing Listening, Speaking, Reading and Writing Skills among the students. Apart from regular courses, the Department also offers need-based English language training through various Certificate Courses, Corner Workshops, and Spoken English and IELTS classes. The students are also trained for placement and job interviews.

Student Participations



MENTORSHIP

Mentorship is an important component of any academic institution, Mentorship is a dynamic relationship, in which an individual equipped with experience, knowledge, and hindsight helps and guides a lesser experienced individual. In Marwadi University, the mentor-mentee relationship is an informal relationship which can go beyond the defined settings of professor-student boundaries. This informal relation is purposeful in bridging the father-figure that the student (the mentee) desperately needs in his/her personal, professional, behavioral, and emotional endeavors, which family may not be able to fulfill.

MENTORSHIP ACTIVITIES	
ACTIVITIES	PARTICIPATIONS
Meeting with New Mentors	96 New Mentors Covered
Mentoring Activity	1) KYM Template: 6836 Students Covered
	2) Goal Sheet Template: 5153 Students Covered
	3) Mental Toughness Assessment: 1849 Students Covered
	4) Academic Planning Template: 4515 Students Covered
	5) Routine Planner Template: 2441 Students Covered
Best Mentoring Practices	20 Mentors have been recognized for their Best Mentoring Practices

MOTIVATION & COUNSELLING ACTIVITIES

ACTIVITIES	PARTICIPATIONS
Helping Hand	40 Students
Motivational Sessions	302 Students
Mentoring Activity	To promote Motivational & Counselling activities across the campus and support students for their well-being by using SARATHI website

INCUBATION CENTRE

MARWADI UNIVERSITY CENTRE FOR INNOVATION, INCUBATION AND RESEARCH (MU-I²R)

SKILL DEVELOPMENT

The Prime Minister of India has envisioned that Indian youth should acquire competent skills which could accelerate towards making India, a modern economy.

The University believes Education is dynamic in nature, and as per needs of the Industry, University shall offer various Certificate Courses to the aspiring students to become industry responsive and readily employable. Marwadi University understands Skill Development is a shared responsibility and aims to train students, unemployed youth and the existing employees in different certificate programs to enhance skillsets & upgrade knowledge.

The University has been selected as a Nodal Institute in Solar Sector by “Gujarat Power Engineering and Research Institute (GPRI)” under the Government of Gujarat Scheme for Enhancement of Technical Competency and Manpower in the Saurashtra region. ₹ 53.81 lakhs has been granted for the development of Nodal Institutes by the Government of Gujarat.

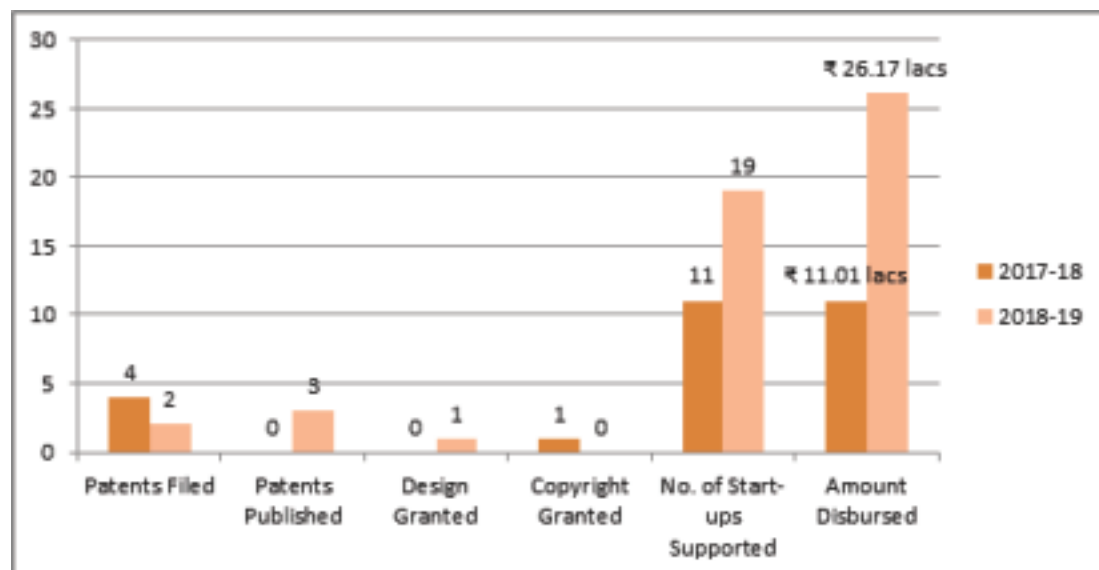
The University has also been selected as a Skill Assessment and Certification partner of The Centre for Entrepreneurship Development, Government of Gujarat and 2500+ students Skill assessment has been carried out during the Academic Year 2018-19.

Marwadi University has received a grant of ₹ 48,05,932 from DST, Government of Gujarat under IT/ITeS Policy (2016-21) and ₹ 32 lakhs has been spent by Marwadi University for the development of Finishing School in the IT and ITeS sector. Total 800+ students are trained and 12 short-term courses are developed in support with the Industries.

NEW INFRASTRUCTURE ESTABLISHMENTS

- Establishment of Lab under the IT & ITeS sector in support with DAIICT under Government of Gujarat for Skill Development.
- MOOC Studio setup for Online Video Lecture recording.
- Establishment of Maker Lab at MC102A.
- First Office Lab at MC102A.

ACTIVITIES AT DEPARTMENT



An Inauguration ceremony of Marwadi University MOOC Studio was organized on 22nd September 2018 at MB 150 by Dr. Y. P. Kosta, Provost, Marwadi University. The studio aims to prepare:

- Instructional videos
- Classroom videos
- Stream online courses & development
- Quiz/Tutorial/Assignment/Assessment
- Startup Product/Process/Service pitch
- Startup/Entrepreneurship course development
- Lecture recording

NEWGEN INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (NEWGEN IEDC)

Implemented, Coordinated and Managed by Entrepreneurship Development Institute of India (EDII), Ahmedabad. Under the aegis of National Science & Technology Entrepreneurship Development Board (NST-EDB) DST, Govt. of India

Grant Received: ₹ 60 lakhs.

FUNCTIONING OF NEWGEN IEDC

- Motivate, support and mentor students for identification, development, and commercialization of a targeted number of innovative student projects each year.
- Organize Business Plan Competitions / Innovation Camps / Hackathons with the active involvement of industry and alumni.
- Assist prospective start-ups on preparing project reports, obtaining project approvals, loans, and facilities from various agencies, technologies sourcing, etc.
- Interact with entrepreneurs, bankers, professionals, mentors and potential customers for student start-ups.
- Create an Entrepreneur's Club / E-Cells to foster entrepreneurship culture amongst students.

STUDENT START-UP AND INNOVATION POLICY (SSIP)

- Grant of ₹10.00 lacs received from the Education Department, Government of Gujarat.

E-Cell

- 15+ events organized
- 3100+ students sensitized

IPR-Cell

- 3+ events organized
- 1200+ students sensitized

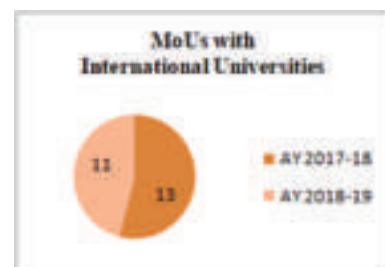
DEPARTMENTAL ACHIEVEMENTS

- The Start-up story of 4 students from Marwadi University has been published in the Start-up Innovation Stories from Gujarat during Vibrant Gujarat Start-up and Technology Summit held on 11th October 2018.
- Marwadi University Incubated Start-up “Wild Ness Prefab Pvt. Ltd.” developed prototype 100% Foldable and Moveable Mechanical House/Structure was inaugurated by Shri. Bhupendrasinh Chudasama, Honorable Cabinet Minister, Government of Gujarat on 21st October 2018.



INTERNATIONAL RELATIONS

- The International Office at Marwadi University essentially operates in two major areas; Collaborating with Foreign Universities & Facilitating Funded as well as Non-Funded students & staff exchange programs. It also monitors opportunities for Research & Development with foreign as well as national funding agencies. It also facilitates an International student's assistance & welfare.



INTERNATIONAL LINKAGES ESTABLISHED

NAME OF THE UNIVERSITY	COUNTRY
University of Dunaujvaros	Hungary
Damascus University	Syria
Syrian Private University	Syria
The University of Brasilia	Brazil
Coimbra Group of Brazilian Universities	Brazil
Tribhuvan University	Nepal
Siauliu University	Lithuania
Budapest University of Technology & Economics	Hungary
Szechenyi Istvan University, Gyor	Hungary
Obuda University	Hungary
Technical University of Ostrava	Czech Republic

VISITS OF INTERNATIONAL DELEGATIONS

NAME OF OFFICIAL	NAME OF THE UNIVERSITY	LECTURE DETAILS
Prof. Dr. Zdzislaw Polkowski	Jana Wyzykowskiego University, Poland	Visiting Professor for Computer Engineering
Prof. Dr. Anthony Maciejewski	Colorado State University, USA	Expert lecture in Robotics
Prof. Dr. William Oakes	Purdue University, USA	Expert lecture in Experimental Physics and Industrial Control System
Prof. Dr. Remigijus Bubnys	Siauliu University, Lithuania	Institutional cooperation
Dr. Nirmal-Kumar Nair	University of Auckland, New Zealand	Expert lecture on Protection and Safety on Power Systems with Highly Renewable Distributed Energy Resources
Prof. Dr. Andrzej Trochimzuk	Wroclaw University of Science & Technology, Poland	Expert Lecture on Polymers
Prof. Dr. Elzbieta Wojaczynska	Wroclaw University of Science & Technology, Poland	Expert Lecture on asymmetric synthesis
Prof. Dr. William Oakes	Purdue University, USA	Expert lecture in Experimental Physics and Industrial Control System
Ms. Karolina Farbizewska & Ms. Maria Borkowska	Wroclaw University of Science & Technology, Poland	Informative sessions on International Summer School at Wroclaw University of Science & Technology
Prof. Kunal Mankodiya	University of Rhode Island, USA	Entrepreneurial Sprint on AI & Internet-of-Things.
Prof. George Ghinea	Brunel University, London	Mulsemmedia its impact and future use.
Prof. Sarah K Harding	Chicago – Kent College of Law	Deeper insights on Comparative Law

INTERNATIONAL VISITS BY OFFICIALS OF MARWADI UNIVERSITY

NAME OF OFFICIAL	UNIVERSITY VISITED	PURPOSE / LECTURE DETAILS
Prof. Dr. R.B. Jadeja & Prof. Dr. Rajesh Patel	Hungary Rectors Conference, Hungary	To attend the XXI Century International Higher Education Conference
Prof. Dr. R.B. Jadeja	Lodz University of Technology, Poland	Erasmus+ Staff mobility visit week
	Budapest University of Science & Technology, Hungary	To discuss areas of collaboration and cooperation with Marwadi University
	Obuda University, Hungary	
	Szechenyi Istvan University, Hungary	
	Slovak University of Technology, Slovakia	
	Technical University of Ostrava, Czech Republic	

STUDENT EXCHANGE PROGRAMS

NAME OF THE UNIVERSITY	COUNTRY	MU DEPARTMENT	STUDENT PARTICIPATION
Lodz University of Technology	Poland	Computer Engineering, IT Engineering, Civil Engineering, and Physics Dept.	14 UG Level
Wroclaw University of Science & Technology	Poland	Chemical Engineering.	01 Diploma
Lodz University of Technology	Poland	Electrical Engineering.	01 PhD
Technical University of Kaiserslautern	Germany	Electrical Engineering, Mechanical Engineering, Automobile Engineering	11 UG Level

ERASMUS+ Program – (April 2019)
Prof. (Dr.) R B Jadeja, Dean – Faculty of Technology

IMPACT OF THE MOBILITY PROJECT AND MEASURES TO DISSEMINATE THE RESULTS

- Relationship building and knowledge exchange: International Education initiatives help promote relationship building and knowledge exchange between people and communities at the regional level at the home country to collectively work for local & global challenges.
- International Academic Exchanges Foster Peace and Cross-Cultural Understanding: In preparing a student as a global citizen, international student exchange is a key maneuver at the curve necessary for a young student's development. The exchange also fosters cross-cultural understanding - a key component of peace, diplomacy and sustenance in human and social development. International Academic Exchange increases mutual respect among the people of the world, fosters an appreciation of differences and respect for similarities, and thereby enhances our ability towards better understandings and communications – an imperative and necessary attribute for the global workforce.



LEARNING RESOURCE CENTRE: THE LIBRARY

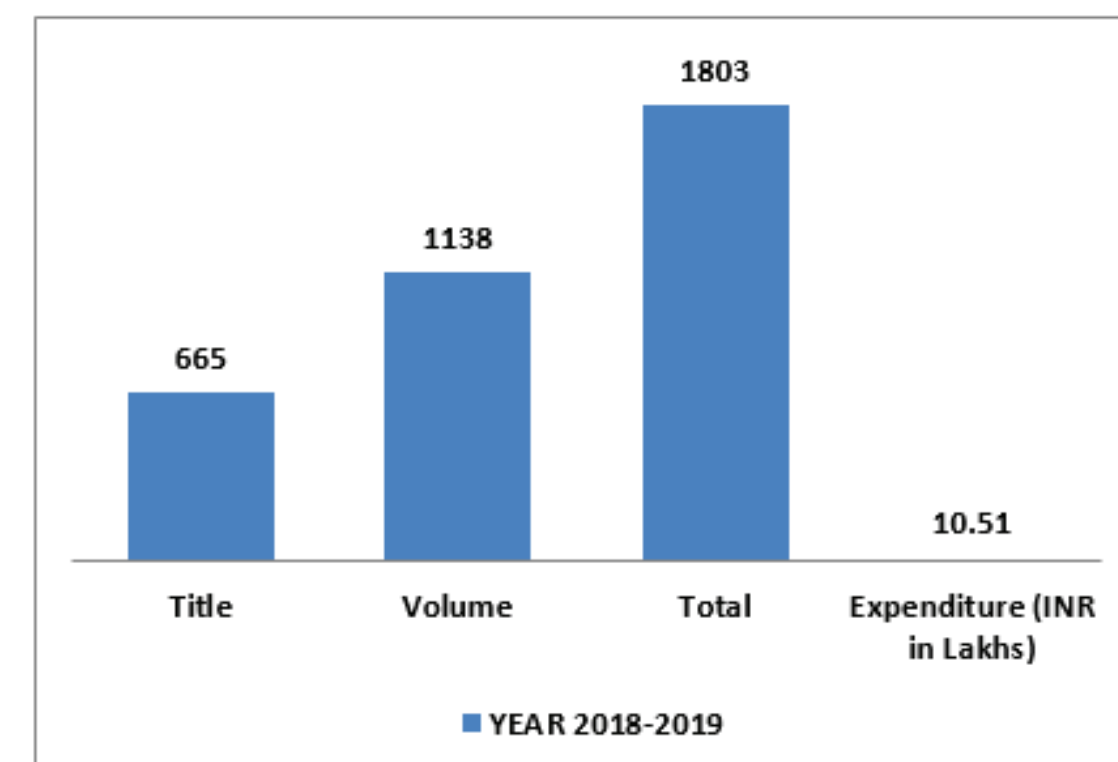
The Central Library of Marwadi University plays a vital role both in the provision of information for studies & research and also in the preservation of knowledge resources. Library - Learning Resource Centre of the University uses specialist collections, technology, and a team of enthusiastic and dedicated staff which are all combined to form a Library serving the users of the Institute as well as contributes towards the research needs of the University.

SALIENT FEATURES

- Fully equipped with RFID (Radio Frequency Identification Device) Technology.
- Kindle devices: 15
- Specially devised and designed Self KIOSK for Self-Check-in & Check out.
- RemoteXs subscribed eJournals, eBooks and content, accessible anytime, anywhere.
- e-Resource Lab having 60+ Computer Systems with the 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 across the globe with libraries and resource centers to retrieve information resources.
- Separate Study rooms and discussion rooms.

BOOKS ADDED IT THE YEAR 2018-19

Title	Volume	Total	Expenditure (INR in Lakhs)
1814	1138	1803	10.51



PRINT JOURNALS & MAGAZINES

COLLECTION FOR	NOS.
Print Journals and Magazines	190
Daily Newspapers	30

NEW LEARNING RESOURCE CENTRE

The new Learning Resource Centre with a learning space of 12701 square feet has been added with the existing space of 15823 square feet, with 400+ seating capacity, 20 high-speed computing labs specially designed for Researchers of University along with 3 discussion rooms. The center is also equipped with state-of-the-art infrastructure, RFID systems and also special reading cubical.



MU - HR CORNER

RAISING THE BAR FOR EMPLOYEE'S WELL-BEING.

Inspiring all to Dream more, Learn more, Do more!

A work culture that provides a platform for employees to connect with one another on a social level gives each member of the organization a great sense of fulfillment; personally, and professionally. The best way to move the needle is to get to know your employees; find out what their challenges are, what they want to accomplish and work with them to achieve mutually-beneficial goals and build the relationships that will make the team feel like they belong to something bigger than themselves.

The calendar at Marwadi University is flavored with many technical, non-technical and cultural activities. The diversity at the campus helps in grasping various cultures and makes a blended culture altogether.

On-campus fully functional nationalized bank, number of tie-ups with leading healthcare service providers, Sports & Gym with trainers, Blood donation camps at regular intervals, Workshops and seminars on Yoga, Art of Living are very few facilities which exhibit care and concern for the staff. Such things help the staff in celebrating everyday life cheerfully. Planning of big events requires lots of resources, efforts and getting 'free' time from many. The Department learned that the key to having fun at work is in small things along with occasional big events. At the University we try to make time for little things and small gatherings. This year we planned many small events and activities just for MU staff members.

POT LUCK LUNCH

Going by the saying; "Family that Eats Together stays Together" we initiated the planned pot luck lunch for the departments of University.

TEACHER'S DAY GREETINGS

The staff members were pleasantly surprised on 5th of September when students welcomed the Teachers with an auspicious "Tilak", flower and a beautiful card for recognizing their contribution.

MINI SPORTS EVENTS

HR Department arranged a week-long 30-minute sports event at the start of the day for 6 days. This included speed walking, climbing stairs, 3-legged race, etc. At the end of the event, winners and the star performers were felicitated.

GARBA CLASSES & EVENT

As a pre-Navratri warm-up, a 15-day training was facilitated for the teaching and non-teaching staff of MU. At the end of this 15-day period, there was a Garba competition where everyone came with vibrant traditional attire and danced their hearts out. The best dressed and best performers were awarded with prizes. This event was a really refreshing experience.

DIWALI CELEBRATION

Before going for the Diwali break, HR Department organized two competitions; Department-wise Decoration and Department-wise Rangoli competitions. The response was overwhelming. This activity brought out the hidden aesthetic sense in the teams, spreading great bonhomie. The event culminated in announcing winners in both competitions and gifting a Diya and sweets.

SHABD PARVA

Inviting all the wordsmiths, a Short Story and Poetry writing competition was organized. Multiple entries were welcomed in Hindi, English and Gujarati language by the staff members. It was judged by the in-house Communication Skills Department and the winners were announced and prizes were awarded during 'Matrubhasha Divas' Celebrations. The program brought out hidden writers within the University.

KITE FLYING

Makarsankranti, a kite-flying day was celebrated in the University campus on 13th January where the staff members participated enthusiastically by flying kites and relishing the delicacies everyone had brought from home.

Focusing on the motto **“FITNESS”** of Human Capital, the HR Department organized short sports and health-related activities during the Winter season. These activities were organized during Saturdays of the Week, a time where faculty members are free from classroom duty as it is an off-day for students. It was planned every Saturday for 4 months encouraging voluntary participation. We planned events such as; Cycle to work, Surya Namaskar, Zumba Dance, and much more...

HEALTH CHECK-UP CAMPS

Marwadi University values & recognizes the importance of Health and arranged health Check-up camps with an aim to identify early detection and remedy for any health issues.

The following Camps were organized:

- Physiotherapy Camp where exercises for regular backaches, neck pain, lifestyle diseases were demonstrated.
- Basic Pathology Camp to test deficiencies in the body like Vitamin D, Thyroid, Blood Sugar, etc.

Training Session

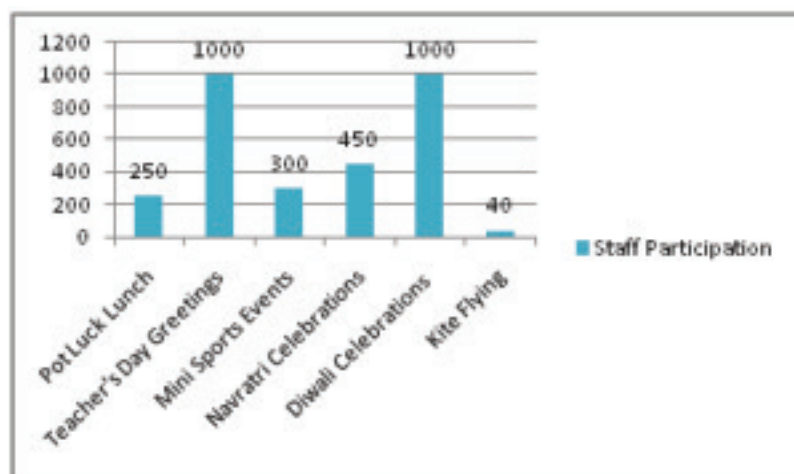
We also initiated a couple of training sessions like a training session on MS Excel software and its applications was organized for the Administrative Staff members with an objective to enhance their speed and accuracy to manage Data Base Management of University. The Faculty of Business Management Department delivered the session to the Admin. staff members. The feedback on the session, encourage the HR Department to arrange for more such sessions.

The Department also organized an Introductory Session on Project Management for its Leadership Team for enhancing the execution and implementation of Projects of the University.

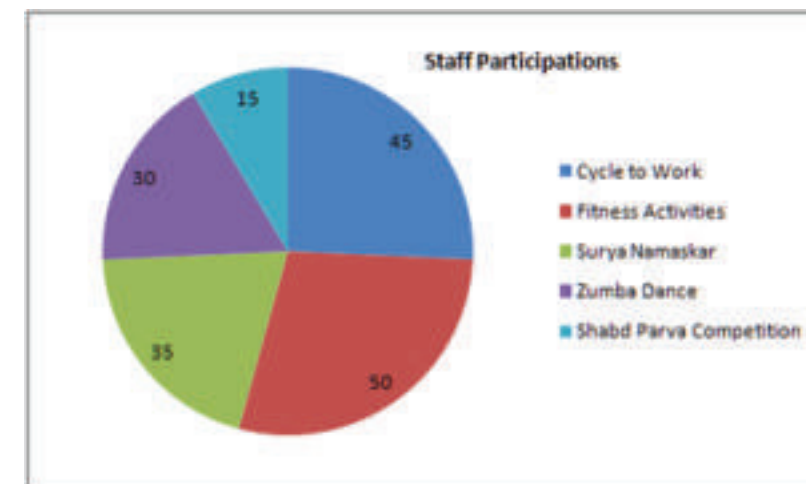
HR is a service department for all the initiatives that Marwadi University takes and plays a crucial support role.

ACTIVITY SUMMARY AND PARTICIPATIONS

Staff Engagement Activities



WEEKLY ACTIVITIES



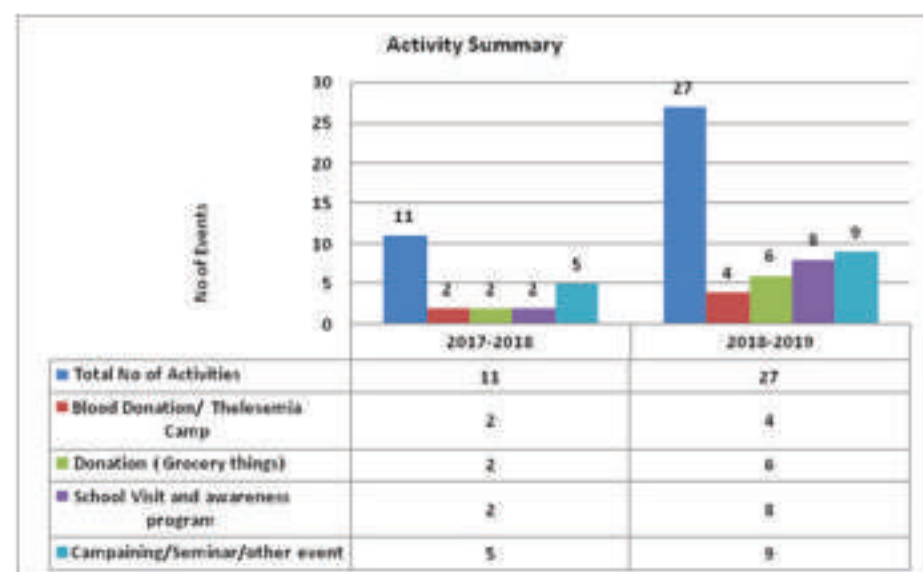
STAFF INDUCTION PROGRAMS

NO. OF PROGRAMS	STAFF PARTICIPATION
8	200

NATION BUILDING INITIATIVES

NSS ACTIVITIES

The University encourages and promotes students to take part in the National Service Scheme (NSS) activities, with an aim to inculcate social welfare in students and to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity.



Tree Plantation Drive undertaken at Ratanpar Village as a part of save Environment movement.



Collected & contributed ₹ 75,000 towards Kerala relief fund towards natural disaster.



Blood Donation and Thalassemia Check-up Camp for Staff Members



Celebration of International Yoga Day by Students & Staff Members of MU

MU WOMEN'S CELL

The Women's Cell of MU was constituted in accordance with the Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013. The Cell also advises on available courses of action to women on campus who may be in distress. The Cell draws members from students, staff, and faculty, and is equally represented by women and men.

ACTIVITIES AT MU WOMEN CELL

INTERNATIONAL YOGA DAY

To celebrate International Day of Yoga 2018 in an outstanding way, Marwadi Education Foundation Group of Institutions under WIE chapter, IEEE, organized a Yoga workshop for the students and staff members. Dr. Neerja Chauhan (Yoga Expert) conducted the complete yogabhyas session along with Dr. Rasila Patel, Dr. Himanshu Limbasia, Mr. Ravi Patel. The program was coordinated by faculties; Prof. Forum Rajdev, Prof. Charmin Jarsania, and Prof. Prachi Gadhiya with the support of Sports Dept., Culture Dept. and NSS Volunteers.



INTERNATIONAL YOGA DAY

As a part of International Women's Day Celebration, MU arranged a one-week program of different activities for the girl students like Chess, Badminton, Relay Race, Throw Ball, Zumba Dance, and many more empowering and fun events. Participation was very encouraging. Besides this, expert talks were organized for the female staff and students by professionals from different fields like Miss Dhara Bharadia, HR Team leader from ETech, Gandhinagar, Miss Saumya Joshi, the National level Swimmer and coach, Miss. Grishma Trivedi, Radio Jockey and Miss. Nidhi Baldania, MEFGI alumni and a corporate person. On the last day of this Women's Day Week Celebration, MU organized a prize-giving ceremony to felicitate all winners of different competitions by **Mrs. Savita Marwadi & Mrs. Khushboo Chandarana** as our chief guests.



ANTI-RAGGING CELL

Anti-Ragging Committee is the Supervisory and Advisory Committee on matters of planning action for building and preserving a culture of the ragging-free environment in the University Campus. The Committee is involved in designing strategies and action plan for curbing the Menace of Ragging in the University by adopting activities like awareness campaign for students through talks highlighting the negative consequences of ragging.

The cell at Marwadi University constantly works towards educating the students in the university about the menace of ragging and related punishment provisions.

MEASURES ADOPTED

- Regular checks at Hostels, Buses, Canteens, Class-rooms & other places of student congregation, to avert the untoward incident.
- Formation of Anti-Ragging Squads to keep MU Campus ragging free.
- Set-up Online portals for students assistance (<https://www.marwadiuniversity.ac.in/anti-ragging/>)
- Sessions on sensitizing First Year students about Anti-Ragging Policy.
- Sharing of contact details at prominent public places for easy access.
- Awareness sessions to Teaching & Non-Teaching staffs about Anti-Ragging policy and process to support students.
- Sensitizing Hostel Staff members and Rectors to be vigilant that no untoward incident occurs in the Campus.
- Counseling sessions during Parents meet to support students.



NATIONAL CADET CORPS (NCC) WING AT MU

A wing of NCC, a voluntary organization engaged in grooming the youth of the country into disciplined and patriotic citizens, with a 50-cadet strength in Boys & Girls has been approved by the Commander of NCC GP HQ, Rajkot and shall be operational from the Academic Year 2019-20.



PART 3

- Dignitaries at MU
- Technical Events
- Cultural Events
- Financial Statement for the Year 2018-19

DIGNITARIES AT MU

(AMBASSADOR) EMBASSY OF THE SYRIAN ARAB REPUBLIC, INDIA

Marwadi University was delighted to welcome His Excellency Dr. Riad Kamel Abbas, Ambassador (Embassy of Syrian Arab Republic, India) on January 31st, 2019 along with officials of Syrian Embassy.

The officials accompanying the Ambassador, comprised of Mr. Zulfikar – Head of the Syrian Students (Cultural Section), Ms. Ritu Nasri – Director, Public Relations, Ambassador's Office, and Mr. Salam Socar – Press Officer, Media Section.

The visit aimed at discussions with Provost – Marwadi University, regarding the welfare of the Syrian Students studying in the University. The Ambassador was pleased to see the students involved in the University and also interacted with them. Dr. Riad Kamel Abbas also acknowledged the significant infrastructure and developments at Marwadi University in a short span of time.



INAUGURATION OF NEW LEARNING RESOURCE CENTRE

A robust library is vital to the academic life of the University. It also shelters an environment for the expansion of knowledge and discovery of newer theoretical understanding of a subject. To attain this ulterior aim and facilitate students, faculties and researchers of the University, a New Learning Resource Centre has been established on the 6th Floor of the Main Academic Building of the University

The new Learning Resource Centre with a learning space of 12701 square feet has been added with the existing space of 15823 square feet, with 400+ seating capacity, 20 high-speed computing labs specially designed for Researchers of University along with 3 discussion rooms. The center is also equipped with state-of-the-art infrastructure, RFID systems and also special reading cubical.



The Inaugural ceremony was graced by Mr. Diptiman Das, Chairman & Managing Director of Educational Consultants India Limited (EdCIL) a Public Sector Undertaking in India under the administrative control of Ministry of Human Resource Development (MHRD).



VISIT OF MS. ANJU SHARMA IAS, PRINCIPAL SECRETARY (HIGHER & TECHNICAL EDUCATION), GOVT. OF GUJARAT & MRS. AVANTIKA SINGH, COMMISSIONER (TECHNICAL EDUCATION), GOVT. OF GUJARAT

It was an impromptu visit that prompted the Principal Secretary of Education, Gujarat, to say that Marwadi University Campus is one of the most organic campuses she has seen in Gujarat and the students are really lucky to have an opportunity to get such amazing learning resources. Mrs. Avantika Singh, Commissioners, Technical Education, Gujarat, also affirmed this statement adding that the labs, library, and all other resources were exceptional.

During the interaction with the officials of Marwadi University; President, Provost, and Registrar, the topics that were discussed were mainly about the number of Ph.D. faculties we host, the active International MOU's, facilities for international students, and our aspirations for Marwadi University to be one of the best Universities of Gujarat for quality Education.



INAUGURATION OF MUJCAL: MARWADI UNIVERSITY & JYOTI CNC AUTOMATION LIMITED ASSOCIATION FOR FOUNDRY TECHNOLOGY

Marwadi Education Foundation joined hands with Jyoti CNC and formed a perfect union – MUJCAL - Marwadi University Jyoti CNC Automation Limited – a union that will impact vital technical skills essential in ‘Foundries of Rajkot Cluster’ to Engineering students, through hands-on knowledge given by experienced foundry personnel. This amalgamation is a result of strong support and guidance from the Centre for Entrepreneurship Development Cell (CED)-Gandhinagar.

MUJCAL is funded with more than ₹ 1.3 Crs, and have a dedicated space of over 3200 square-feet at the university campus. MUJCAL is furnished with more than 40 equipment including 3D Scanner, 3D Printer, Die Engraver, Sieve Analyzer, Mould Permeability Tester, Vacuum Assisted Melting Furnace, Metallurgical Microscope, Universal Testing Machine (UTM), Ultrasonic Non-destructive Testing Machine, X-ray fluorescence (XRF), Spectrometer, Casting Simulation Software (Auto CAST) etc. used in pattern and mould making, melting, pouring, testing as well as inspection of castings.

MUJCAL was inaugurated on 8th December 2018 at Marwadi University Campus.

Eminent personalities including Mr. Parakramsinh Jadeja - MD, Jyoti CNC, Dr. Ramnath Prasad Director, CED Gandhinagar, Mr. Ketan Marwadi - President, Marwadi University, Mr. Jitubhai Chandarana- Vice President, Marwadi University, and 110+ industrial delegates were present to witness this landmark inauguration.



TECHNICAL EVENTS

Faculty of Law, Marwadi University in Association with Rajkot Bar Association held a seminar on “RECENT DEVELOPMENTS IN INDIAN LEGAL SYSTEM”

On 23rd February 2019 Faculty of Law, Marwadi University & Rajkot Bar Association joined hands to host a seminar for Law professionals, creating a great platform to exchange ideas and get insight on the subject of “Recent Developments in Indian Legal Systems” from luminaries like Hon’ble Mr. Justice C. K. Thakkar, Former Judge, Supreme Court of India who was the Chief-Guest, and Guest of Honour, Hon’ble Mr. Justice P. P. Bhatt, President of the Income Tax Appellate Tribunal (ITAT), Hon’ble Mr. Justice Ravi. R. Tripathi, Former Judge, High Court of Gujarat, Ms. Geeta Gopi, Principal District Judge, Rajkot, and Mr. Abhay Bhardwaj, Attorney-at-Law, Rajkot.

The Union aimed to have the first step towards creating a learning platform for Law students and Law practitioners from eminent and scholarly leaders of the field.



UNION BUDGET 2019: Perspectives! Organized by the Faculty of Business Management and Faculty of Liberal Studies.

A Post budget analysis was organized by FoBM & FoLS, Marwadi University.

Mr. Ripple Patel, Past Chairman, CII, Western Region and CMD, Everset Fertilizer & Chemicals Pvt. Ltd. gave a general overview on Interim Budget 2019. Mr. Y. D. Gandhi, CFO, Rajkot Nagarik Sahakari Bank, Rajkot talked about Impact of Budget on Banking Industry.

Mr. Rohit Shukla, Former Professor at Sardar Patel Institute of Economic and Social Research, Ahmedabad emphasized on Macro Economic implications of the Interim Budget 2019.

Mr. Manish Ajudiya, Deputy Commissioner, Income tax, Rajkot talked about the series of Income-Tax reliefs to the taxpayers.

Mr. Jayesh Jobanputra, Chartered Accountant, Rajkot shared his views on Tax Proposals & their Impact on individual entities financial planning.

It was indeed an insightful panel discussion for all the students and faculty members present.



TED^x MARWADI UNIVERSITY

TEDx Marwadi University, a full-day event curated by the Management team at Marwadi University, had a stipulated audience of about 300 at our Campus Auditorium on 27th April 2019. The goal was to bring together bright minds to share their thoughts and ideas around the theme “Education for Billions”, and to foster lessons that inspire and to provoke conversations that matter.

The speakers from diverse fields such as CEOs, Artists and Spiritual Leaders came along and shared their story and thoughts on 'Education for Billions' based on their real-life experience and learnings.



SPEAKERS

- Pujya Apurvamuni Swami, BAPS, Rajkot.
- Ms. Divya Lal, Managing Director, Ebix Smart class Educational Services.
- Vikram Sanghani, Managing Director of Ace Software Exports Ltd & ‘Manjul’ Visualizer and Initiator.
- Mr. Jitendra Gotecha, Managing trustee of “Mission Smart City Trust” and Founder of project ‘Chitrnagari’
- Mr. Ujjwal Singh, Vice President – Product & Innovation, Emerging Markets, Pearson Education and an alumnus of IIM Bangalore.
- Mr. Arjun Paghdhar, Founder, Grassroot Innovator.
- Sunil Gogia, Speed Spray Painting Artist, Mumbai.
- Sairam Dave, International Folk Artist & Educator, Rajkot.
- RJ Akash, RED FM, Rajkot.
- Kinjal Rajparia, a Leading Actor in Gujarati Film Industry.
- Jigar Thakker, Gold Medalist Para-Olympic Swimmer & Marwadi University Student.

ENTREPRENEURIAL SPRINT ON AI & IOT

The Department of CE-IT & ICT, Marwadi University organized 4 days Technical Workshop on 12th to 15th August 2019. The event was intended and designed especially for students to experience team-driven learning in the rapidly advancing fields of AI and IoT. The syllabus was developed carefully to blend Entrepreneurship and modern technologies.

The workshop was conducted by Prof. (Dr.) Kunal Mankodiya, Director of Wearable Biosensing Lab and is also serving as Associate Professor with the Department of Electrical, Computer & Biomedical Engineering at the University of Rhode Island, USA. Prof. Kunal Mankodiya has developed this course that has been very popular due to its blend of new engineering concepts with entrepreneurship and business development.



63 students from the Departments of Computer Engineering, Information Technology, ICT and Mechanical Engineering participated in the workshop.

GUJARAT INDUSTRIAL HACKATHON 2019, REGIONAL LEVEL COMPETITION AT MU

The University had an opportunity to host Regional Round of Gujarat Industrial Hackathon 2019 for the 2nd time. It was organized by the Education Department, Government of Gujarat on 21st & 22nd February 2019. The event witnessed a participation of 164 teams with 923 students along with a Jury of 25 members. The students worked for 36 hours and generated high impact ideas to encounter problems.

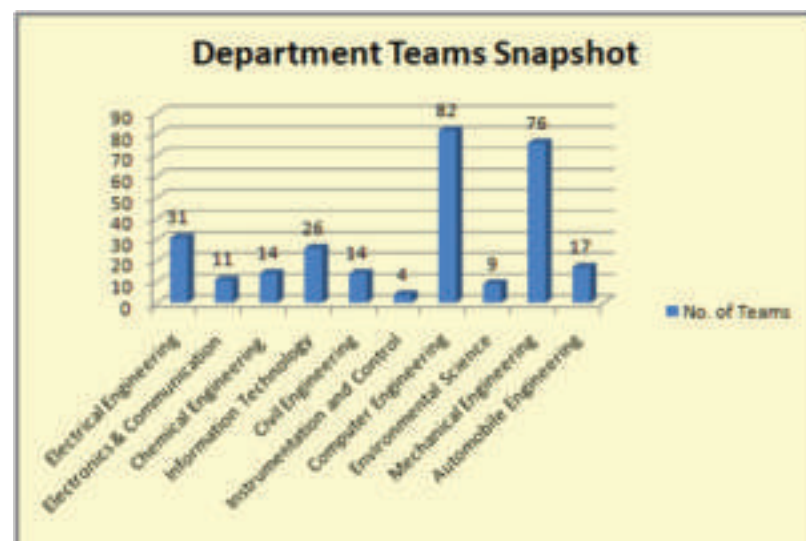


STUDENTS PROJECT FAIR 2019

The University strongly believes in enhancing the capacity of students and provides a platform to step-up into the outer world which is full of opportunities to flourish. Project Fair is an integral part of the teaching-learning process, taken-up by the Departments of the Institute with full of enthusiasm and participation by the students. It was organized on 26th and 27th March 2019 with an objective of providing Under Graduate and Post Graduate students to showcase individual or team-project during the Academic Year either through demonstration or through Poster Presentation.

OUTLINE

The Project Fair provided a platform for the students to showcase their efforts. The response and appreciation of attendees was exceptional. The project work undertaken was evaluated by the experts within the Institute as well as experts from the Industry. Evaluations were made on parameters like innovation, social application, technical knowledge, and implementation. Due weightage was given to the presentation skills as well as team efforts displayed by each member.



CULTURAL EVENTS

Co-curricular activities play a vital role in the overall development of a student in shaping and preparing them for future career prospects. It helps a student to increase opportunities for social interaction and new relationship development. It inculcates goal-oriented leadership qualities in students, ultimately developing a sense of responsibility in them.

“YUVA SPANDAN” - 34th All India University: Inter-University West Zone Youth Festival

The students of Performing Arts Department of Marwadi University participated in All India University Inter-University West Zone Youth Festival organized by Savitribai Phule University, Pune, from 19th December to 23rd December 2018. The competition was categorized under Music, Dance, Literature, and Fine Arts. 36 students were selected to perform in 24 categories and showcase their talents in the defined types. This stage gave students a platform and to witness a competitive spirit at the National level.

Cultural Club members of Faculty of Liberal Studies and Faculty of Business Management, Marwadi University got together to transform the regular walls into vibrant and colorful murals at Raiya Circle Fly Over, Rajkot in association with Chitranagri.



FINANCIAL STATEMENT OF THE YEAR

MARWADI EDUCATION FOUNDATION					
CONSOLIDATED ABRIDGED INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2019					
Expenditure	Sch. No.	Amount ₹ (in lac)	Income	Sch. No.	Amount ₹ (in lac)
Admin Expense	22	1243.38	Fees	16	7998.51
Advertisement Expense	23	270.04	Other Fees	17	257.56
Electricity Expense		246.94	Interest Income	18	61.80
Depreciation	1	1171.93	Rent Income	19	45.74
Finance Charges	24	745.13			
House Keeping Expense		204.51	Misc Income	20	23.82
Library Expense		21.26	Penalty for Late Fees	21	9.56
Placement Expense		9.98			
Repair & Maintenance Expense	25	379.93			
Salary	26	3541.88			
Employee benefit Expense	27	70.52			
Student Related Expense	28	321.58			
Excess of Income Over Expenditure Transferred to the Balancesheet		169.88			
Total		8396.97	Total		8396.97

Date: 24th September, 2019

Place: Rajkot

Examined & Found Correct

Mr. Ketan Marwadi
President

Dr. Y. P. Kosta
Provost

Mr. Naresh Jadeja
Registrar

Ranpura Desai & Co
Chartered Accountants