



Marwadi
University
Marwadi Chandarana Group

ANNUAL REPORT 2022-23



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VISION, MISSION & VALUES

OUR VISION

To foster an environment that empowers people, organisations, and societies through education, ideas, research, and training

OUR MISSION

- To provide quality education and thereby bring social transformation
- To create leaders through innovation and entrepreneurship
- To cultivate the culture of research advancements
- To imbibe universal consciousness
- To stimulate growth through industrial and international partnerships

OUR CORE VALUES

LEADER

LIFELONG LEARNING | EMPATHY | ADAPTABILITY | DIVERSITY | EMPOWERMENT | RESPECT



OUR FOUNDERS



SHRI KETANBHAI MARWADI
President, Marwadi University



SHRI JITUBHAI CHANDARANA
Vice President, Marwadi University

Academics- Teaching & Learning

In the AY 2022-23, Marwadi University introduced 5 new programs spanning various disciplines. These include B.Sc. and M.Sc. programmes in Data Science offered by the Faculty of Computer Applications, a B.Sc. (Hons.) program in Economics under the purview of the Faculty of Management Studies, and M.Pharm. programs in Pharmaceutics and Pharmaceutical Quality Assurance within the Faculty of Pharmacy. Moreover, restructuring of three existing programs has been undertaken to align with the guidelines set forth by the National Education Policy (NEP 2020).

For the overall development of the faculty members and students, the University organised various training programs, expert talks, seminars, and symposiums. In the AY 2022-23, the University facilitated a total of 123 expert sessions, organised by various departments and students attended the same. These lectures were delivered by external and internal experts from the respective domains. There were 87 invited external and 50 internal experts who delivered the aforementioned lectures and talks.

In addition to this, the University conducted conferences and workshops covering a diverse range of themes, providing valuable insights to participants. These events, numbering 75 in total, encompassed a broad spectrum of research scholars, faculty members, and students who engaged in discussions and activities pertinent to their specific areas of interest.

The University also organised various career counselling and up skilling initiatives through various boot-camps and 'Industry-Readiness' programs. Some of the prominent programs included workshops on Cloud and DevOps, Cyber Security tools, Machine Learning, Google Solution Challenge etc. students participated in 71 events.

For the holistic growth of the students and faculty members, the University collaborated with Coursera. Students and the faculty members enrolled in various courses as per their areas of interest and benefited from this platform. In the AY 2022-23, students completed different courses under this platform. Furthermore, guided projects were completed by the students through Coursera offerings. In a similar arrangement with UpGrad, 15 courses were offered to the students of BBA (Business Analytics). Through the TCS-iON initiative, 30 students from the ICT branch attended an elective course on Big Data Analytics during the semester which ended in December 2022 and students were assessed using the TCS online examination tool.

The University encourages students and faculty members to complete online courses on platforms such as NPTEL-SWAYAM and SpringBoard. Registrations have been recorded for a diverse selection of 694 courses offered during the present term. We have been implementing the utilisation of NPTEL-SWAYAM credits to facilitate partial credit transfer, wherein the marks acquired through assignment submissions are regarded as internal components. As part of our initiatives, we offer financial assistance to students who successfully submit their course certificates. Additionally, we extend the opportunity for our esteemed faculty members to undertake two courses annually as part of Faculty Development Programs (FDP).

Faculty members from various departments used a variety of innovative teaching methods and tools to enhance the learning experience. These strategies included the use of technology-based resources, project-based learning, collaborative learning, online classrooms, MOOCs, flipped classrooms, engaging competitions such as Moot Court, offering innovative need-based courses to learn English and communication skills to name a few.

In order to enable the students to learn any subject of their passion or interest, the University introduced 'open electives' even prior to the implementation of NEP 2020. For the conventional 3-year programs, we made a provision of 2 open electives, and in adherence to NEP guidelines for the newly instituted 4-year programs, we offer 4 open electives per academic program. This approach has been well-received by our students. Furthermore, to accommodate this change, the number of available open electives has been expanded from 29 to 44.

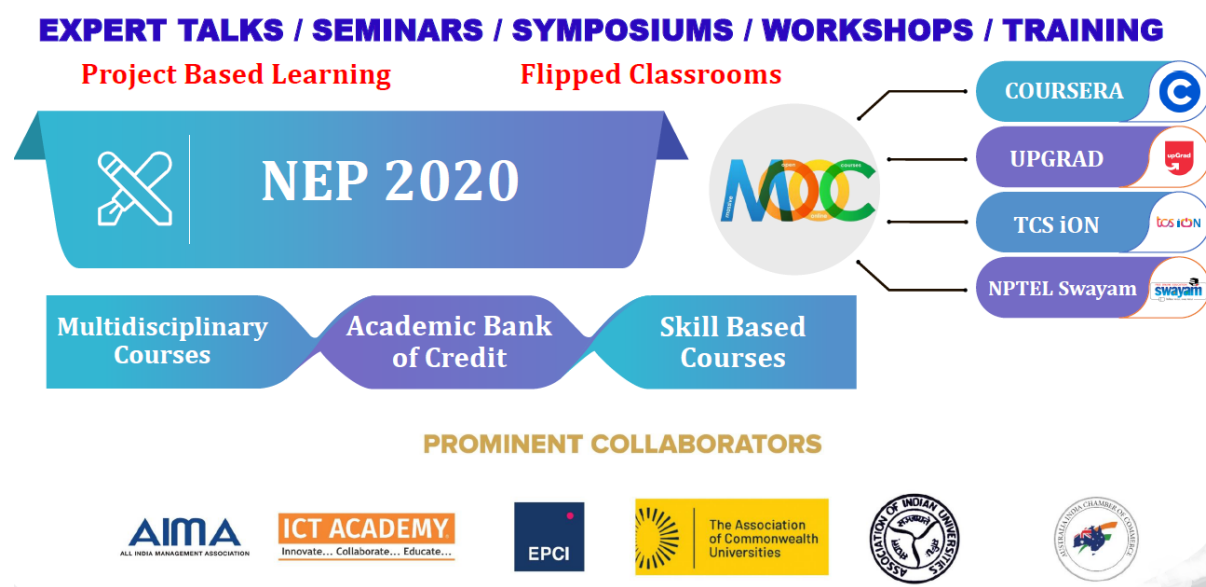
The University has set up a process for appointing Professors of Eminence and Professors of Practice (PoP) across diverse academic disciplines. Last year two PoPs were appointed with a blend of industry and research backgrounds. Recently, a policy was formulated by the University to appoint international faculty members also.

The University also has its own UniRP (University Resource Planning) software which automates various academic and support functions. Currently, the UniRP has 110+ modules, 1500+ screens, 12 mobile apps and 1650+ reports. These modules cover the entire spectrum of functions within an educational institution, including admission, examination, academic management, student affairs, financial operations, and accounting. The UniRP is developed by Marwadi Technologies and many leading institutions have adapted it for their operations. A few of our esteemed clients are National Forensic Sciences University, Gandhinagar,

Gujarat, Dr. Subhash University, Junagadh, Gujarat, Vardhaman Engineering College, Hyderabad, Telangana and Chandigarh Group of Colleges, Jhanjeri, Punjab.

The University conducts academic audits for each department on a triennial basis, ensuring a thorough and consistent evaluation process. Last year, the academic audit for departments of Chemistry, Microbiology, Electrical Engineering & Pharmacy was conducted by inviting senior external academicians as experts. Each of the departments is working on the suggestions made by the audit team. The University believes that such audits serve as a means to benchmark our institution against the standards stipulated by accreditation authorities.

Many new committees were formed in the University for the smooth conduct of the departmental operations and successful implementation of newly introduced programs. The NEP Committee has been formed to oversee the implementation of New Educational Policy across the MU departments. Similarly, the Equivalence Committee has been created to smoothen the process for students migrating to Marwadi University from other universities. Enrolments of students using the Digi Locker facility to support the Academic Bank of Credits (ABC) initiative were launched, and approximately 75% students have registered for the same so far which was duly acknowledged and appreciated by the UGC.



Research

In the academic year 2022-23, a total of 112 scholars, including 5 international scholars, were admitted to various PhD programs. Presently, the University has 116 research supervisors who are supervising a total of 378 research scholars spanning different fields. This indicates a favourable student-to-supervisor ratio, an important factor ensuring effective individualised attention and mentorship.

At present, the University houses 10 industry-supported labs to provide practical research opportunities through industry partnerships. These labs are instrumental in affording students invaluable hands-on experience and exposure to real-world applications.

In the AY 2022-23, a total of 246 research papers were published. Our papers received a total of 2604 citations, which signifies that the research conducted at the University is influential and cited by other scholars with an average citation of 7.35 per paper. Notably, the University's H-index has risen from 26 in the previous year to 37, indicative of the increasing quality and impact of its published research. The Field Weighted Citation Index (FWCI) for Marwadi University, which is a measure of useful research and quality publications, has risen to 2.08, compared to 1.67 in the preceding year. It is important to note that this figure substantially exceeds the global average of 1.0 and the national average of 0.8, demonstrating the University's commitment to producing research of high calibre and relevance.

A seed grant of Rs. 92.28 Lakhs has been offered by the University to emerging researchers to enhance their research capabilities and advance their research projects. The University organised 10 workshops, 1 conference and 7 seminars in various disciplines during 2022-23 which served more than 1650 beneficiaries including students and faculty members.

Recently, Marwadi University Library – Learning Resources Centre has subscribed to the Scopus database. This subscription will empower the researchers of MU, fostering their ability to engage in research activities such as publishing papers, registering intellectual property rights (IPR), and undertaking individual as well as collaborative research endeavours.

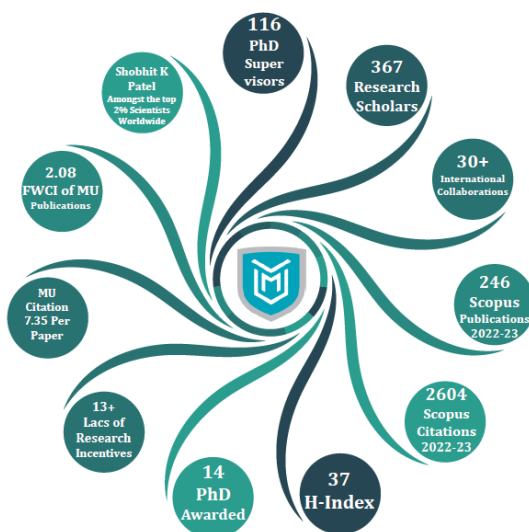
Remarkable growth has been observed in revenue generation from research and consultancy. During last year, we made revenue of Rs.1.3 Cr which has already crossed the benchmark of 1 Cr in a single year. The total revenue generated from research and consultancy so far is approximately Rs. 4.5 crores.

The students and faculty members were also engaged in research-based activities where they won awards in various categories like best research paper award in various conferences such as International Conference on Advancements in Smart Computing and Information Security, ASCIS2022 organised by the Faculty of Computer Applications, MU, International Chemical Engineering Conference 2022, IIT, Patna, Indian Foundry Congress (IFC), National conference STEER-2023 etc. The faculty members also received the awards for their contribution in research and other activities. Dr. Ramesh Bhoraniya received a travel grant of Rs. 1.52 Lacs from the Department of Science & Technology to present his paper in Australasian Fluid Mechanics Conference organised by The University of Sydney, Australia during December 2022. Dr.Gaurang Joshi received a Post-Doctoral fellowship at the Institute for Plasma Research, Gandhinagar. Students of the University also engaged themselves in innovation and start-up activities by submitting the project proposals to various organisations where one group of the students received a student start up and innovation policy grant worth Rs. 2 lakhs for the project under SSIP scheme of MUIIR.

FUNDING AGENCIES



- ❖ **TOTAL RESEARCH FUNDING**
30+ Crores
- ❖ **SEED GRANT OF MORE THAN**
92 Lacs



OUR MAJOR CLIENTS



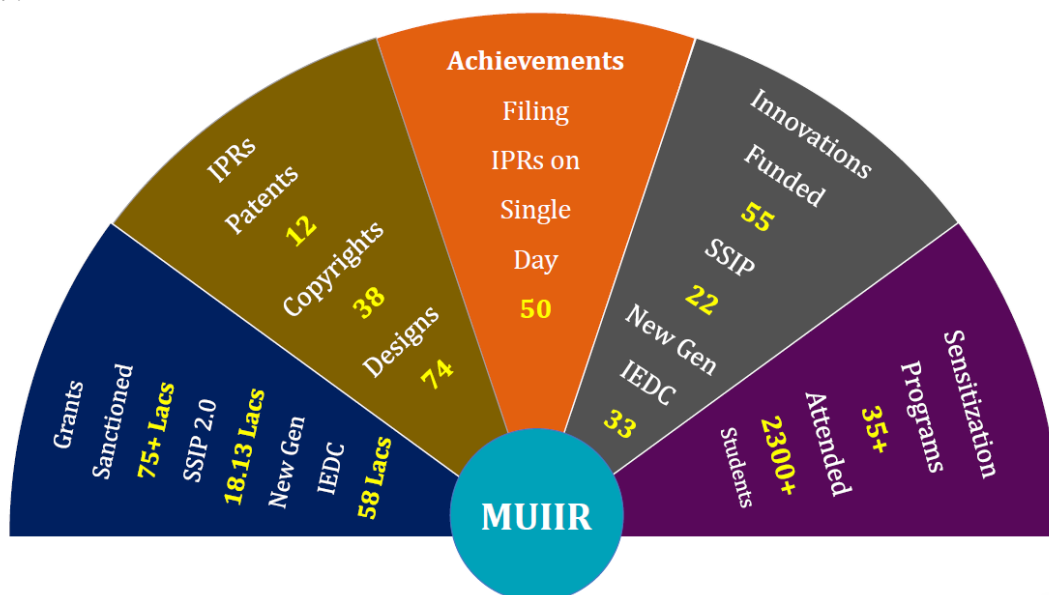
FWCI = Field Weighted Citation Impact
World Avg. ~ 1.0 - National Avg. ~ 0.8

MUIIR

Marwadi University Centre for Innovation, Incubation and Research (MUIIR) believes in encouraging students to think in the domain of innovation and entrepreneurship. The MUIIR has conducted more than 35 sensitization sessions creating awareness about various opportunities available in this direction. Furthermore, in collaboration with the state and central government of India, MUIIR has provided funding exceeding Rs.75 lakhs as seed money to support over 55 student innovations. Presently, 25 of such innovations have evolved into enterprises, incubated by MUIIR. The MUIIR also encourages innovators to protect their innovations by filing IPRs, and more than 120 IPRs were filed from July 2022 to June 2023, with nearly 65% of them being granted. The MUIIR achieved a significant milestone on World IPR Day 2023 by filing 50 IPRs. Notable achievements included Prof. Amit Sata, receiving the Chandran Menon Memorial Award for Applied Research & Innovative Technology - 2022 from the Institute of Indian Foundrymen (IIF) during the 71st Indian Foundry Congress held in Greater Noida. During the same occasion, he also received the Best Research Award.

MUIIR also provides a platform for commercialization of Innovations developed by students of MU through technology transfer. The centre has transferred two technologies related to Smart Foundry to the National Institute of Advanced Technology, Ranchi.

Our students Ms Himani Dave, Ms Ruchita Rathod, Ms Anjali Chauhan, and Ms Ankita Das were awarded for their innovations at MakerFest 2023 held at MS University, Vadodara, likewise the founders of Nishkaam Innovations, Ms Foram and Mr Khushal were recognised as among the top 100 innovators in India during India International Science Festival (IISF) in Bhopal.



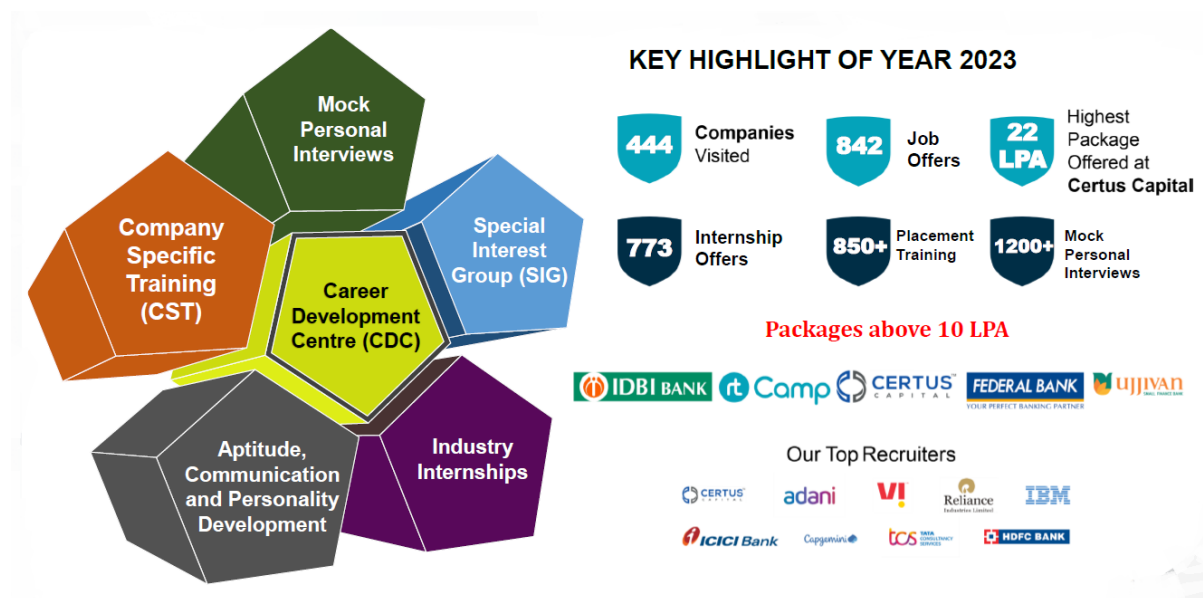
The Centre for Entrepreneurship & Family Business (CEFB)

The Centre for Entrepreneurship Family Business (CEFB) has successfully facilitated the engagement of over 800 students with 46 entrepreneurs through a series of Family Business Symposiums under the banner of "SHAKTI - bringing limitless changes through family business". One such symposium featured the distinguished business tycoon Mr. Govindbhai Dholakiya, Chairman, Shree Ram Krishna Exports, Surat. The centre has also enrolled 600+ students who are inclined towards the family business. To further enhance the support structure for these students, CEFB has appointed 30 mentors from the industry and family consultancy domain to guide and mentor the enrolled students. The CEFB has established three new collaborations with industrial partners and forged three additional partnerships with industry associations, including the Rajkot Management Association, Rajkot Engineering Association, and Shapar-Veraval Industry Association. The centre also completed one consulting project during the last year.

Training & Placements

Our University has an excellent track record of providing quality placements and internships. During AY 2022-23, 444 companies visited our campus, making a total of 842 job offers. The highest salary package offered was Rs.22 LPA with an average package of Rs.4.35 LPA. Among the top companies that visited our campus for placement drives were Certus Capital, Reliance Industries, Adani Group, Rtcamp, TCS and IBM. As far as the internships are concerned, a total of 773 students received the internship offers. The Career Development Centre (CDC) which works in tandem with the Placement Office provides continuous training on aptitude development, communication skills and personality development to help the students face the selection process of recruiting companies. Additionally, the CDC organised experiential learning workshops under the banner of the Special Interest Group (SIG), focusing on life skills encompassing communication skills, etiquette, interview techniques, goal setting, and teamwork. These workshops were attended by 850+ pre-final year students, organised in 25+ batches, providing valuable insights and skills enhancement. Furthermore, we had the privilege of hosting more than 35 industry experts from renowned organisations who conducted "Mock Personal Interviews" to aid over 1200 pre-final year students in their preparation. As a part of placement preparation exercise, 70+ Company

Specific Training (CST) were also offered with a special focus on the selection process defined by the companies.



Internationalisation

In the preceding year, the International Office at Marwadi University signed 21 International MOUs and enabled student & faculty exchanges. Some of the prominent ones were with the Ministry of Science, Technology and Education of Mozambique, WSG University- Poland, HUE University- Vietnam and COMP EXPERT, Poland. Throughout the year, the University conducted six semester exchange programs, benefitting a total of 20 students. Four faculty members, Prof. Sandeep Sancheti, Prof. R. B. Jadeja and Prof. Nilesh Adwani visited Poland and Prof. Rhishikesh Dave visited Hungary under the Erasmus+ programme. Furthermore, the University periodically leverages opportunities to host international delegates at the Rector / Executive Director level on appropriate occasions. The University admitted 533 international students in various degree programmes in the last academic year.

It is indeed a source of great pride that out of 500 students from G20 and guest countries studying across the state of Gujarat, 291 have chosen Marwadi University as their preferred educational destination. As per the directions of the Central Government, the University encouraged as many as 35+ events centred around G20 themes from January to May 2023. Some of these activities included a round table discussion on G20, presentations and

webinars on G20 India Presidency, women empowerment activities, G20 culture-based drama and so on. In addition to G20 related events, international students also participated in various activities, such as reciting Vande Mataram during the UNESCO hackathon in our national capital, participating in cultural heritage tours, celebrating World Music Day, marking significant cultural festivals along with celebration of various Independence Day festivals.

The Faculty of Law at Marwadi University is a partner institution in the European Union Funded Erasmus+ Project on "Curricula Development on Climate Change Policy and Law". MU hosted the 3rd Transnational face-to-face project meeting from January 30 - February 3, 2023. Total 32 Participants from University of Girona, Coventry University, European Knowledge Spot, Universiti Utara Malaysia, International Islamic University Malaysia, Hue University, Hanoi Law University, PEDMEDE, Symbiosis International University, and Marwadi University participated. Concrete decisions pertaining to development of curricula for a masters' level programme on Climate Change Policy and Law were taken by the partner institutions.



Collaborations

The University is always keen to get associated with several corporate houses, institutions, and professional bodies to promote experiential learning. During the last year, we executed 45 MOUs with various institutions and organisations of national and international repute. Some of the prominent ones were University of Public Service-Hungary, LUISS-Italy, Chicago-Kent College of Law-USA, ZURU Tech India Pvt Ltd., Ultratech Cement Pvt. Ltd., Etech Global Services, Knowledge Steez EduHub LLP, Connecting Dreams Foundation and Sales Force Inc. Additionally, we initiated new affiliations with professional bodies such as the Indian Technology Congress Association, Youth Development Pharmaceutical Association and Gujarat Knowledge Society. Furthermore, our enduring associations with prominent entities like the Association of Indian Universities (AIU), the Association of Commonwealth Universities (ACU), the All India Management Association (AIMA), and the Australia New Zealand India Business Chamber (ANZIBC) remain steadfast and continue to flourish.

Events & Activities

“Tell me and I forget, teach me and I may remember, involve me and I learn” - Benjamin Franklin

In order to promote experiential learning, the University also engaged in organising various events at national and international levels. We annually organise the grand event called ‘MU Fest’. In the preceding year, the Faculty of Management Studies hosted the MU Fest during 23-25th Feb, 2023 in which 27 technical, 22 non-technical, and eight fun and learning events by 18 departments across the campus were organised. Students registered for many technical and non-technical events. More than 50 winners were announced and felicitated.

Marwadi University successfully hosted a thought-provoking TEDx event on the theme "Justice for Millions" on 11th February 2023. The event aimed to shed light on various aspects of justice, equality, and fairness within a diverse range of contexts. The core of the event consisted of eight compelling TED talks delivered by eminent speakers from diverse fields including Mr. Arun Mahesh Babu, Collector and District Magistrate of Rajkot, Ms. Gowree Gokhale, Partner, Nishith Desai Associates, Mr. Jay Chhaniyara a stand-up comedian and others. The event featured a series of engaging and informative presentations, each exploring different aspects of the central theme of the event. These presentations

covered topics such as legal aid, the role of law schools in promoting access to justice, and the impact of socio-economic factors on legal disparities.

The third National Moot Court Competition was organised from March 31st to April 2nd, 2023 by the Faculty of Law. Hon'ble (Mr.) Chief Justice Ashish Jitendra Desai, High Court of Gujarat, Hon'ble (Mr.) Justice Ashutosh Shastri, High Court of Gujarat, Mr. Sourasubha Ghosh, Litigation Partner IndusLaw, Ms. Sheetal Talwar, General Counsel (India) - Tata Chemicals, Prof. Adam Weber, Chicago-Kent College of Law, United States graced the occasion. Teams of University of Lucknow and Symbiosis Law School, Pune were declared as winners and runners up respectively.

Marwadi University is committed to following and implementing the Sustainable Development Goals (SDG) set out by the United Nations. The Department of Civil Engineering has started converting waste into wealth by converting industrial waste into construction materials. The team has prepared Paver Blocks, Floor and Wall Tiles, and Bricks by utilising the marble waste. The University looks forward to establishing a Center for Sustainable Construction and Building Technologies in near future to innovate similar products. This project attracted the special attention of Padmashri Dr. Sudhir Parikh during his recent visit to the University.

The students of Marwadi University participated in many national level events and competitions. They grabbed winning positions in various categories for the competitions such as "Azadi Ka Amrit Mahotsav" Hackathon, Maker Fest - Vadodara, UXplore: A UI/UX based Virtual Competition held by Indian Institute of Technology (BHU) Varanasi besides many more.

Industrial visits present a valuable opportunity for students to engage with the industrial realm, gaining insights into the industrial environment and bridging the gap between academic theory and practical application. These visits are orchestrated with the primary aim of furnishing students with practical exposure across various industrial sectors. Different departments within the University have coordinated and conducted industrial visits, field excursions, and study tours tailored to their respective disciplines. In total, 1247 students actively participated in these educational experiences.

There were a number of activities and events organised for holistic development of students. 23 such programmes were organised in the AY 2022-23 in which 2785 students participated.

Some prominent events included Vishleshan: A National Symposium of Union Budget 2023, World Pharmacist Day, Elocution competition on Anti-ragging week, Health camps in different locations over Saurashtra region, Engineers Day Celebration etc.

Various clubs in the University were streamlined to include different management committees involving student volunteers as President, Vice President, Secretary and Treasurer for better planning and execution. Presently there are 25 central level committees, mostly dealing with non-technical activities and 15 department level committees for rolling out technical activities. This organisational restructure has led to a substantial increase in registrations, with student members and staff members now actively engaged in these committees. Some of the prominent technical clubs are Model Making Club, CNC Club, Finance Club etc., and non-technical clubs include Socio- Nature, Health Club, Leadership Club and Photography Club.

Marwadi University had the privilege of hosting thrice the prestigious cultural events with the support from SPIC-MACAY. During the first event which was held during 29th May to 4th June 2022, a series of workshops to promote music, dance and fine arts were conducted in which 129 students participated. During the second event in September 2022, renowned sitar maestro Pandit Nayan Ghosh ji performed while in the third event renowned flute maestro Pandit Rajendra Prasanna ji performed.

Four of our international students were invited to Delhi to recite Vande Mataram at the UNESCO- India-Africa (UIA) Hackathon on 24th Nov 2022 which was attended by the Minister of Education and other high-level delegates. The same team recited Vande Matram to welcome the Prime Minister of Mauritius during his visit to Rajkot.

NCC and Sports

In AY 2022-23, there was a notable rise in the number of NCC Cadets, increasing from 72 to 123. Amongst these cadets, 11 cadets represented MU in 7 camps, one of which was organised by MU itself. Mr. Anshuman Oza, one of our cadets, had the honour of participating in the Republic Day Camp at the Prime Minister's Rally in New Delhi.

The University campus is well equipped with all forms of sports infrastructure to support the overall growth and wellbeing of staff members and students. During 2022-23, approximately 350 students represented MU in various AIU/West Zone and National Sports Tournaments comprising competitions including swimming, power lifting, football and many others. One

of our students Harshil Parekh was a member of the Santosh Trophy football team which was held in Goa recently. The volleyball and basketball teams won third place in West Zone EPS national championship held in Gwalior. To enable the seamless integration of sports in curriculum, a Board of Studies has been constituted for the Department of Physical Education. New Ph.D programme in Physical Education has also been introduced. A set of new open electives for NCC were also introduced.

The MU sports league was organised from 15th to 17th February 2023. Students participated in 18 different sports including volleyball, basketball, football, athletics, table tennis, carom and cricket. The Department of Physical Education also celebrated various days like International Yoga Day, Independence Day, and National Sports Day. During the year, a Board of Sports was constituted for creating policies to promote sports at MU campus. The major outcome of the same was the introduction of sports quota and scholarship programs which has already resulted in admitting 8 students in various courses.



Administration

Marwadi University has started an audit of its 24 administrative departments through a process using a specially designed app. This audit process is being monitored for further improvements and to improve efficiency and effectiveness of administrative departments. University has active committees and cells for anti ragging, grievances, Women empowerment, Gender champions, student activity etc having equal involvement of students

and administration officers. University has developed a 5 year strategic plan for the year 2023-28 after due consultation with faculty members, students and industry consisting of goals, objectives with its action plan and measurable outcomes. This strategic plan will help the University to become a University having multidisciplinary courses, focus on research and with special focus on addressing United Nations sustainable development goals. Senior academic and administrative positions were added during the year namely Dean of Academics, Dean of Research etc. The Faculty and staff were also supported through induction and orientation programs as well as professional training.

Staff Welfare

The University has established a staff club to conduct various staff welfare activities regularly. In the previous year, the club successfully organised many recreational games, staff luncheons, and special events such as "Parents' Day Out", all aimed at fostering staff well-being and camaraderie. The club also supported families of staff club members who passed away. Our HR department conducts sensitization workshops on various policies throughout the year. Faculty and staff enthusiastically participated in festival celebrations such as Diwali, Janmashtami, Navratri etc. The University also organises interdepartmental competitions, picnics, and health check-up camps for our staff.

A Tiranga Rally was also organised within MU campus to promote patriotic sentiments. In November 2022, a part-time counsellor was appointed to help the staff members in managing stress related to personal or professional concerns. As a part of Republic Day celebrations, faculty and staff members who completed 12 or more years of service were honoured for their longstanding commitment to our institution.

The Women's Cell at Marwadi University is equally active in conducting exclusive events for women members in the form of competitions, awareness campaigns, and several women empowerment programmes. Some of the key events organised by Women's cell included "Idea to Reality " in partnership with MUIIR, aimed at providing support to female employees and their children. These events covered critical topics including the preventive aspects of women's health, featuring an expert lecture delivered by the distinguished Gynecologist, Dr. Manisha Moteria. Furthermore, initiatives like "MU Gender Champions," "MU Chef Mania," and various other events were also organised with the overarching objective of fostering gender equality and empowerment.

Faculty Development

For the overall development of the faculty members and students, the University organises various training programs, expert talks, seminars, and symposiums. A total of 66 STTPs in various departments were organised where 535 faculty members benefited. In addition to this, 15 faculty members successfully completed the Faculty Industry Immersion Program (FIIP) during last year with the financial support from the University. There were 31 Faculty Development Programs (FDP) attended by 250+ faculty members to enhance their skills in their respective fields in Marwadi University and in addition to many other FDPs organised elsewhere.

Our HR Department conducted orientation programs for new joiners on a monthly basis in order to familiarise with our work culture and our in house UniRP. Workshops on Prevention of Sexual Harassment (POSH) at workplace were also conducted to benefit 700 participants.

Infrastructure Development

In the AY 2022-23, substantial developments in the University's infrastructure took place. A new hostel building was developed to provide an additional capacity of 260 beds. We are expanding the capacity to accommodate an additional 300 beds within a couple of months.

The workshop area of MUIIR lab has been extended to include an additional space of 1000 sq. ft. A new call centre in P.G building has been added to support marketing and outreach activities. The Pharmacy lab was expanded to include advanced research instrumentation facilities for PG programs. The Department of Physiotherapy initiated the fourth OPD at Shree Vardhman Charitable Trust to benefit society and students.

A new Intel-Center of Excellence (COE) was set up in the Department of Computer Engineering during last year. This centre is well equipped with the necessary software and hardware to train the faculty members and students in cutting edge technologies like HPC, AI and IoT. A training program was conducted by the newly established centre on the above technologies which benefited 100+ faculty members and students.

An AR-VR lab was established in June 2023 in order to provide the students and faculty with access to state-of-the-art hardware and software, enabling them to experiment with real-world engineering applications in a virtual environment. This lab will be highly useful to visualise and interact with 3D models in a virtual environment. Students from various disciplines

including Mechanical, Civil, Electrical, Chemistry, Physics and Physiotherapy are actively using this facility.

On the sports front, there has been a recent expansion of the practice facilities at the cricket field. The University is also planning to upgrade the infrastructure for basketball, football, volleyball, and cricket and prepare an exclusive sports complex with multiple sports facilities besides an athletic track.

As a part of our green campus initiatives, we have provided four EV charging points in the campus in collaboration with an EV manufacturer. One battery operated Golf cart has also been procured to facilitate the movement of visitors within the campus. Apart from this we have also bought an EV for faculty transportation. Additionally, five new buses have been added to augment our fleet.

The internet bandwidth has also been expanded to provide the primary link capacity of 1 GBPS and backup link of 800 MBPS.



260 NEW SEATS ADDED



ONE NEW PHYSIOTHERAPY OPD



COE
Centre of Excellence



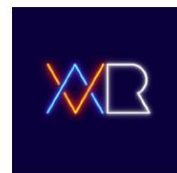
5 NEW BUSES ADDED



GOLF CART (E.V.)



BANDWIDTH EXPANSION UPTO 1.80 GBPS



AR/VR LAB

Social Contribution

In fulfilment of our social responsibility, the University actively participated in a variety of community-oriented initiatives. The University's endeavour to plant more than 1000 trees stands as a remarkable example of proactive environmental responsibility. Several departments have organised many tree plantation drives at places like Hahavirpuram Jain Tirth, Chamunda Mataji Temple Ram mandir and many more. The University's efforts in carbon sequestration through tree planting have significant implications for carbon footprint reduction, enhanced air quality, and overall environmental well-being. As the planted trees continue to grow and thrive, their impact on mitigating climate change and promoting sustainability will become even more substantial, setting a positive precedent for other institutions and communities to follow. By continuing these initiatives and overcoming challenges, Marwadi University contributes to a greener and more sustainable future.

The Department of Physiotherapy, Faculty of Health Sciences, established a benchmark of treating 100,000 patients across our four OPDs, of which, 50,000 were treated in the last year alone! Apart from this, the Department served an additional 1000+ patients through various camps held in surrounding areas of Rajkot.

In July 2022, the Centre for Civic Engagement and Action (CCEA) embarked on its mission by assembling a core committee and dedicated volunteers who shared a common vision for positive societal transformation. In August 2022, the inaugural meeting of CCEA marked a significant milestone where objectives were outlined with a primary focus on rural civic issues, health, hygiene, and immunity-building. Subsequent engagements with local communities addressed crucial aspects such as waste management, sustainable practices, and environmental concerns. CCEA's unwavering commitment to rural engagement and community well-being is evident throughout these initiatives.

Further, the CCEA has adopted 6 surrounding villages through the Unnat Bharat Abhiyan Scheme and conducted many welfare drives including donating computers to schools along with providing the necessary computer training by student volunteers. Health check up camps were also organised as part of this.

The National Service Scheme (NSS) registered over 70 student volunteers actively participating in diverse social service initiatives, including but not limited to, village visits, tree planting, blood donation drives, Swachh Bharat Abhiyan (Clean India Campaign), Sainik Welfare Fund contributions, responsible waste paper disposal, and voter awareness campaigns.



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360° Campus View



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