



Marwadi
University
Marwadi Chandarana Group

ANNUAL REPORT 2021-22



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Provost's Address during the 5th Convocation Ceremony of Marwadi University – May 06, 2023

Good evening ladies and gentlemen!

It is my great pleasure to welcome you all on the occasion of the 5th Convocation Ceremony of Marwadi University. I extend a very warm welcome to our honorable Chief Guest, **Prof. M. M. Sharma**, an esteemed personality.

Professor Man Mohan Sharma is a celebrated luminary in the realm of Chemical Engineering. His impressive achievements in the field have earned him numerous accolades and widespread admiration. Hailing from Jodhpur, Rajasthan, Professor Sharma received his education at esteemed institutions in Jodhpur, Mumbai, and Cambridge. At a remarkably young age of 27, he was appointed Professor of Chemical Engineering at the Institute of Chemical Technology (UDCT), Mumbai, and subsequently served as its Director, making him the first Chemical Engineering professor to hold this prestigious position. Professor Sharma's trailblazing achievements also include being the first Indian engineer to be elected as a Fellow of the Royal Society, UK, in 1990, a remarkable honor that further solidified his reputation as an eminent scholar and leader in his field. Additionally, he has mentored numerous doctoral students and encouraged them to publish their research in distinguished journals. Professor Sharma's remarkable leadership and contributions have significantly improved the overall standards of education and research at the Institute of Chemical Technology, Mumbai. His exceptional qualities have earned him numerous honors and awards, including the Padma Bhushan and Padma Vibhushan, the Leverhulme Medal of the Royal Society, and the S.S. Bhatnagar Prize in Engineering Sciences.

I am also delighted to extend a warm welcome to our visionary leaders, the President of Marwadi University, Shri Ketanbhai Marwadi, and Vice President Shri Jitubhai Chandarana, whose vision and tireless efforts have helped establish this institution as a beacon of quality education, not only in the region but also on the global stage. Their unwavering support and dedication to the growth and development of our institution have been nothing short of extraordinary. I also extend my heartfelt welcome to the distinguished Trustees, Members of the Board of Management and Governance, Finance Committee, Academic Council, and all the senior functionaries of the Marwadi Group of Institutions who have played a vital role in shaping the future of our esteemed institution. Additionally, I would also like to welcome our special invitees, faculty, staff, students, parents of degree recipients, friends from the media, and all those gathered here today to celebrate this momentous occasion.

It brings me great joy and a sense of immense pride to be a part of this auspicious occasion as we celebrate and honor our graduates who are poised to embark on their professional journey as successful and driven individuals. To our distinguished graduates, I extend my warmest welcome as we celebrate your remarkable achievements and eagerly anticipate the conferral of your hard-earned degrees.

Marwadi Education Foundation's Group of Institutions (MEFGI) was established in 2008 under the Bombay Public Trust Act 1950, as a significant entity of the Marwadi Education Foundation. Marwadi University is proudly promoted by Marwadi Shares and Finance Limited (MSFL), a prominent stock broking company in India, and Chandarana Intermediaries Brokers Pvt. Ltd. (CIBPL), a leading firm renowned for its technical and arbitrage trading expertise in Indian Stock Markets. In recognition of the institution's outstanding accomplishments, the Marwadi University bill was passed in the Gujarat Assembly, leading to the establishment of Marwadi University on 9th May 2016, under the Gujarat Private Universities act 9 of 2016.

Our University is one of the most prestigious and extensive in the Saurashtra region, offering a diverse range of multidisciplinary programs, including UG, PG, PhD, Post-Doctoral, Diploma, and PG Diploma courses in areas such as Engineering and Technology, Science, Business Management, Computer Applications, Commerce, Arts, Law, Agriculture, Architecture, Pharmacy, and Physiotherapy. With immense pride and pleasure, I would like to highlight that our MEFGI, an integrated campus, was bestowed with NAAC A+ accreditation in 2017. Later, upon being granted the status of a University, we were recognized as a “Centre of Excellence” for providing superior education and conducting ground-breaking research by the Government of Gujarat in 2021-22. We acknowledge that accreditation is an ongoing process, and therefore, we are continuously striving to enhance our quality processes and services.

I would like to now like to share a few successes, achievements, important initiatives and other key highlights for the Academic Year 2021-22

Vision & Mission

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 year 2021-22, three new programs were introduced. They are, respectively, B.Sc., Agriculture (Hons) by the Faculty of Science, BSc(IT) by the Faculty of Computer Applications and BA (Hons) in English by the Faculty of Arts. Admissions of students to various programs were broadly on expected lines including those of International students.

IN LIGHT OF NEP 2020 NEW INITIATIVES WERE TAKEN BY INTRODUCING THE FOLLOWING NEW COURSES



FACULTY OF
**COMPUTER
APPLICATIONS**

BSc (IT)



FACULTY OF
SCIENCE

**BSc(HONS)
AGRICULTURE**



FACULTY OF
ARTS

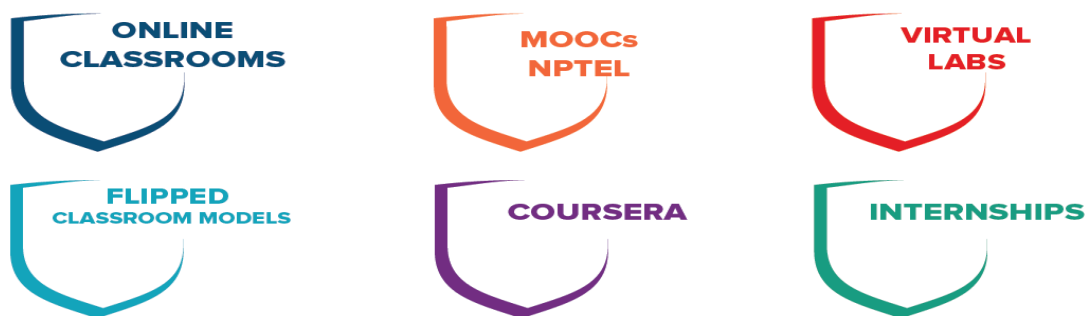
**BA (HONS)
IN ENGLISH**

At Marwadi University, we believe that when you teach a student how to learn, you can enable him/her for a lifetime. We regularly organize guest lectures, seminars, webinars, workshops etc. for the benefit of students. During AY 2021-22, students benefited through various expert lectures and talks organized by various departments. There were 54 invited external and 15 internal experts who delivered the aforementioned lectures & talks. In a similar way, students attended various conferences and workshops in which 36 external and 18 internal experts rendered their services as resource persons. Also, 41 technical and other academic events were organized in which students got benefitted. Some prominent events included the National Mathematical Day Celebration, MU Science Symposium, English Day Celebrations, National Moot Court Competition, Health Camp Awareness & Celebration of Shakespeare Festival. Keeping hybrid learning trends in mind, the University has already signed an MOU with NITK Surathkal for offering Virtual Labs facility for the students. This enabled students to use the Virtual Labs for 33 different courses.

The association with Coursera has been effectively utilized by our students and faculty members. With respect to students, during AY 2021-22, students enrolled & completed different Coursera offerings, and

guided projects was completed. With respect to faculty members, successfully completed the courses and guided projects.

We have adopted a dynamic approach to education that prioritizes the holistic growth of our students. Our faculty members in various departments, including engineering, law, pharmacy, physiotherapy, arts, and more, employ a variety of innovative teaching methods and tools to enhance the learning experience. This includes the use of technology-based resources such as online classrooms, MOOCs, presentation-based assessments, flipped classroom models, engaging competitions like Moot Court, offering innovative need-based courses to learn English and Communication Skills etc.



PROMINENT COLLABORATORS



In July 2021, additional software modules for managing proctor-based examination systems were added to our existing ERP system. With this addition today, the ERP has grown into a more extensive system with 110+ modules, 1500+ screens, 12 mobile apps and 1650+ reports pertaining to the complete aspects of an educational institution including admission, examination, student-section, academics, finance and accounts. It is now renamed as UniRP, meaning University Resource Planning and is productized through a Marwadi University startup.

110+ MODULES**12 MOBILE APPS****1500+ SCREENS****1650+ REPORTS****5 EXTERNAL EDUCATIONAL USERS**

During AY 2021-22, the UGC Peer Team visited Marwadi University and ascertained the norms for imparting quality education were followed up properly. As per the suggestions made by the peer team, an external Academic and Administrative Audit has been formulated and executed for 5 departments, namely, the Faculty of Management, the Faculties of Civil, Mechanical, Computer Engineering and the Faculty of Computer Applications. Many senior academicians from other elite institutions were involved in the process. A new innovative practice of inviting students to participate and contribute in decision-making has been initiated. Student members were invited to take part in IQAC and the Board of Studies meetings.

Many new committees were also formed to smoothen the academic processes. NEP Committee has been formed to oversee the implementation of New Educational Policy across the MU departments. Similarly, an equivalence committee has been created to smoothen the process for the students migrating to Marwadi University from other universities. Registrations of students using DigiLocker facility, for supporting Academic Bank of Credits (ABC), were successfully started last year and substantial progress has been made for the existing students. Another committee constituted during that point of time was the Alumni Engagement Committee that is supposed to conduct alumni meets and other engaging events.

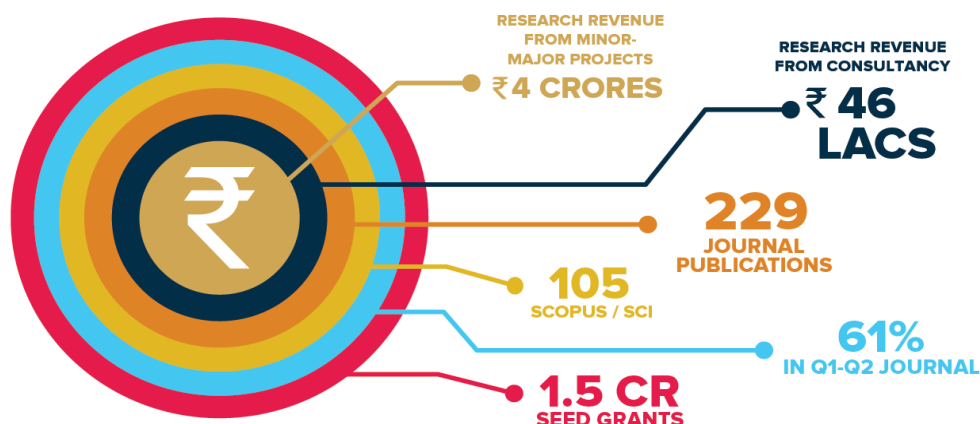
Research

During the AY 2021-22, 114 scholars, including 16 international scholars, were admitted to our Ph.D program.

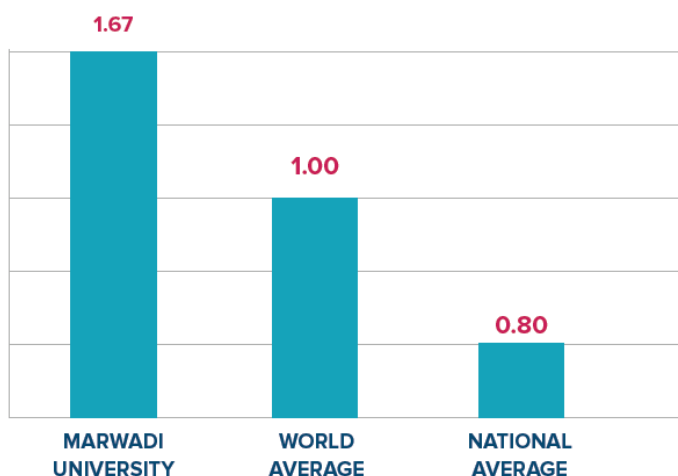
This year the University witnessed immense growth in the areas of Research and Consultancy. The research policies of the University have been thoroughly revised and many attractive incentive schemes were announced to motivate the faculty members involved in research. The total of 229 papers were published during 2022 which is more than double compared to previous year. Out of which 105 were SCI & SCOPUS indexed publications. Similarly, more than 61% of the papers are published in Q1 & Q2 rated journals. The FWCI (Field-Weighted Citation Impact) of Marwadi University was 1.67 which was significantly higher than the world average of 1.0 and national average of 0.80. Research papers published by our faculty members were cited 2893 times during that academic year with the H-index of 26.

Substantial growth was observed in the revenue from Research and Consultancy. Revenue from research for the year 2021-22 was approximately ₹4.00 Crores through various minor and major projects, and from Consultancy was around ₹ 46.00 Lacs which reflects a significant increase compared to previous years. During AY 2021-22, the seed grants for carrying out research activities were increased to 1.50 Crores. Moreover, international as well as national conferences have been seeded and were conducted as planned.

From AY21-22, we have introduced a new tool called Author Cafe and it is widely adopted by research scholars and supervisors as a research document tool. In December 2021, we obtained a certificate from the Department of Science and Industrial Research (DSIR) for recognizing us as a public funded research institution.



FIELD-WEIGHTED CITATION IMPACT



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Innovation and Entrepreneurship

Education is not only about learning the facts, but training your mind to think, adapt and apply. At Marwadi University we always strive to follow this maxim. So, it gives me immense pleasure to share with you the remarkable achievements of our Marwadi University Innovation, Incubation and Research Centre (MUIIR). In the academic year 2021-22, the center has successfully supported and incubated 27 start-ups, which is a testament to our commitment towards nurturing innovative ideas and transforming them into successful enterprises. The research department and MUIIR have jointly organized more than 20 events during 2021-22 to spread research awareness and various government schemes among faculty members and students. In addition to this, we are proud to share that our efforts towards promoting research and development have resulted in filing of 5 patents, with 2 already granted, along with 29

design filings and 15 grants. Furthermore, we have filed 6 copyrights and published 4. The Centre has also organized many activities catering to start-up enthusiasts, fostering an entrepreneurial ecosystem that is conducive to innovation and growth. These achievements are a true reflection of our vision and dedication towards shaping the future through innovation and research.

The Centre for Entrepreneurship and Family Business (CEFB) offers courses, workshops, and symposia related to entrepreneurship and family business. In 2021-22, the center has organized guidance sessions on real life matters of Family Business to its 900 enrolled students. The center also organized a Family Business Symposium which was attended by 720 students, 46 entrepreneurs with collaborations from 4 industry associations. Mr. Govind Dholakia, Chairman of the 2 Billion USD diamond Exports Group SRK Exim based in Surat was the Keynote speaker and delivered an inspiring talk during the symposium. Besides this, the center has organized 5 different workshops catering to 700+ students.

MUIIR



CEFB



Placements

In 2021-22, over 680 offers were received in nearly 434 companies including many MNCs. We have been successful in attracting top recruiters such as RTCAMP, Reliance Industries, Adani Group, KPMG Global, TCS, HDFC Bank, ICICI Bank who have offered lucrative packages to our graduates, with an average package of nearly 3.71 Lacs per annum. In addition to that we are proud to share that our students have received 98 Dream Offers, 94 Super Dream Offers and 16 Marquee Offers from esteemed companies. Many Placement related trainings were offered by our Career Development Center for the benefit of students.

A total of 838 students were offered the Special Interest Group (SIG) training, 1088 attended a Special Purpose Training (SPT), 250 attended the Placement Aptitude Training (PAT) and 519 attended the Campus Specific Training (CST), 770 students had the



opportunity to participate in personal mock interviews conducted by industry experts. International students from 40 different countries attended a customized training PRAGATI – 2021, as a part of preparations of Study in India scholarship. As far as the internships are concerned, 764 students have undergone internships in 392 companies in the calendar year 2022.

Internationalization

Diversity, being one of our core values, Marwadi University has admitted around 1400 International students from 52 countries under the SII and other schemes which is 12% of our total students' strength. Ours is one of the highest in India when it comes to the percentage of International Students. During the AY 2021-22, 10 Faculty, 23 Students from our University went for the Summer/Semester exchange program under Erasmus+ and other schemes to SRH University Heidelberg, Germany; Aspire Leadership Program, Harvard University, USA; Wroclaw University of Science & Technology, Poland; RWTH University, Germany; MitacsGlobalink Research Internship, Canada; University of Applied Sciences, Upper Austria & many others. Faculty of Law has partnered with several other international universities under two Erasmus + joint projects: one on development of master level program 'International Law and Forced Migration Studies' (ILFM), a Euro 92,150/- project and another on 'Development of Curricula on Climate Change Policy and Law (CCP-Law), a Euro 89,611/- project.



Our international students have represented us at several prestigious events, such as the Diplomatic Conclave in New Delhi and the India-Africa Hackathon 2022, where they performed the national song, “VandeMataram” and made us proud. We also celebrate important international days with our students to make them feel at home on our campus. To motivate and appreciate our students' accomplishments, we publish the MU Global Magazine every six months.

The International Relations Department of Marwadi University has taken the initiative to create a separate section in our ERP system named International Opportunities, which provides our students with information about various international scholarships, internships, and semester exchange programs. We strive to provide our students with the best international opportunities that align with their individual needs and interests.

Collaborations

In order to equip students with the latest tools, techniques and technologies as well as enabling academic research and exchange of bilateral intellectual resources, during AY 2021-22, the University collaborated with a total number of 22 institutions / organizations of national and international repute by signing MOUs. To quote a few, INFLIBNET Centre, Gandhinagar; Dongseo University, Korea; Upgrad, University of Juba, South Sudan; The Institute of Chartered Accountants of India, New Delhi; University of Public Service, Hungary and NASSCOM BFSI Sectoral Council, India etc. The University is a proud member of various associations like Association of Indian Universities (AIU), Association of Commonwealth Universities (ACU), All India Management Association (AIMA) and Australia New Zealand India Business Chamber (ANZIBC) to network and connect with like-minded organizations for partnerships globally. Other memberships include Education Promotion Society of India (EPSI) and ICT Academy. We have also collaborated with NBG (Narmada Bal Ghar), Morbi and Janardan Rai Nagar Rajasthan Vidyapith, Udaipur for a project wherein the marble waste is utilized in the manufacturing of sustainable concrete composites by replacing cement and sand.

Events & Activities / Social Contributions

During AY 2021-22, two university-level key events were organized. The MU Fest was organized by the Faculty of Computer Applications during 1-2 April 2022 in which 43 different competitions were organized. A total of 4300 students participated across the University, and 360 winners were announced. Cash prizes amounting to 3,00,000/- INR were distributed. The then Collector of Rajkot Shri Arun Mahesh Babu IAS was invited as the Chief Guest.

The MU Annual Sports League was launched for the first time in 2021-22 and events were organized by the Faculty of Management during 10-12 March 2022. Ms. Pravina R. Pandavadra, District Sports Officer, Rajkot rural zone, inaugurated the event. Our students participated in a variety of games, including volleyball, throw ball, basketball, athletics, football, cricket, table tennis, and carrom etc. The total number of student participants was around 4000.

During AY 2021-22, 1108 students participated in 14 different internal and external technical events. These events include Codekaze – A coding competition, Online Quiz Competitions, Technovanza, and e-FIR, Cyber Crime and Women Safety programmes which was organized by the Cyber Crime Section / Rajkot Department of Police.

Equal emphasis was given for the participation of students in regular sports, cultural and co-curricular activities. There were 49 such competition opportunities where students participated in All India University West Zone Tournament, Khel Mahakumbh and Saurashtra Premier League etc. We had students participate in 47 programs categorized under Career Counseling and for Skill Upgradation through various Boot-camps and Industry Readiness Programs. Some of the prominent programs include Workshop on Designing tools, Cloud and Network Security and Game Development.

Two hackathons were also organized in which more than 200 students participated actively. During this year, four students from the Faculty of Computer Applications emerged as runner ups in the National Hackathon organized by IIT Allahabad during May2022. They have presented commendable work in the form of an app called FirstTalk which bridges the communication gap between hearing & speech impaired individuals using Machine Learning (ML) and Android Studio technologies.

There were a number of activities and events organized to enhance students' creative skills. There were 37 such programs during AY 2021-22 in which 1940 students participated. To quote a few events, earth day celebrations, classroom presentations, industry visits and awareness campaigns in addition all the important days like Independence Day and Republic Day were also celebrated.

We give equal emphasis to social activities also. During AY 2021-22, 500 trees were planted at Jain Temple, near Rajkot. Through NSS we organized more than 10 events with the support of 1000+ volunteers. Some of the key activities included old age home visit to Ratanpar, visit to Muni Seva Ashram, a three-day village camp at Kagdadi, Clean India Green India campaigns and blood donation camps.

Staff Welfare

During the academic year 2021-22, Marwadi University implemented several new initiatives to promote a positive work culture and enhance the well-being of its employees. To foster a sense of community, the University established the Marwadi University Staff Club, providing a platform for staff members to engage in social and recreational activities. Furthermore, employee-friendly policies were introduced, including a revised attendance policy to facilitate a better work-life balance. The University also organized various staff engagement activities, such as festive celebrations and competitions, as well as a Tiranga Rally to commemorate Azadi Ka Amrit Mahotsav. To improve awareness and knowledge among employees, the University conducted induction/orientation programs and several employee awareness sessions on diverse topics. These initiatives reflect the university's commitment to creating a supportive and inclusive work environment for its staff members.

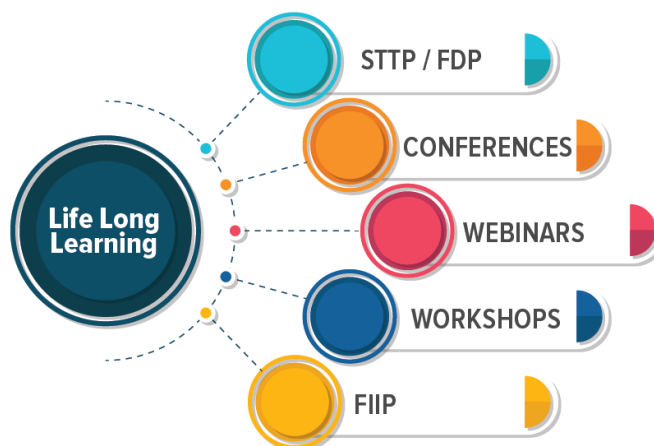
The women's cell at Marwadi University is actively organizing many events particularly for female students. Some of the prominent events organized during 2021-22 were 'Hair Donation to Cancer Patients - Beauty with Compassion', Intellectual Property Rights, Nukkad Natak and Breast Cancer Awareness Program wherein girl students participated in large numbers. The cell also celebrated the International Women's Day celebrations on 8th March 2022 in a grand manner.

During this year, the 7th Pay Commission was implemented for the faculty members. There were 155 new faculty members recruited across various levels and 93 non-teaching and supporting staff were recruited to meet growing requirements. During this year, the internal promotion policy was redefined so as to make it more transparent and performance based. Considering qualification enhancements and their performance, 7 faculty members received their promotion from Assistant Professor to Associate Professor Level. To streamline specific domains, several additional positions (non-statutory) such as Dean Academics, Dean Research, Associate Dean Innovation & Entrepreneurship, and Deputy Director International Relations were introduced. Another highlight is that the voluntary offering by the faculty members and staff in terms of salary deduction during the pandemic period was restored by the management and provisions for staff Gratuity were formalized.



Faculty Development

Educating educators is also considered to be important at Marwadi University. Faculty members are encouraged to adopt 'life-long learning' through STTPs, FDPs, webinars and Seminars. During this academic year, 73 faculty members participated in various training and short courses, and 92 participated in Faculty Development Programs.



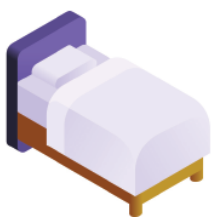
In order to encourage faculty members to have industrial experience, the

University has introduced the Faculty Industry Immersion Programme (FIIP) in which during AY 2021-22 eleven faculty members of different departments of engineering and science participated and completed the 15 days training/exposure successfully. The University had borne their full expenses, including travel and accommodation.

Infrastructure

During the academic year of 2021-22, the University has increased its existing hostel capacity of 2822 with an additional 240 beds, thereby accommodating a total of 3062 students. To further cater to the shortage of on-campus housing, the University had also tied up with service providers for availing hostel facilities outside the campus, which has provided an additional 180 students with comfortable accommodation. The University has also planned the construction of a new hostel building, which, once completed, will boost the students' living capacity to an impressive 4418. Marwadi University continues to prioritize the needs and comfort of its students, and the expansion of the student housing facilities is a testament to that commitment. As far as the other infrastructure developments are concerned, 4 new labs were developed for Chemistry, Microbiology, Pharmacy and Civil Engineering during 2021-22. The startup facility was also expanded by 4000 sq. ft.

During the same academic year, names were assigned to most of our buildings for easy identification and many signages were also kept at appropriate places.



240
NEW SEATS
ADDED



4 NEW LABS
 (CHEMISTRY, MICROBIOLOGY,
 PHARMACY, CIVIL)



MUIR
 4000 sq.ft.
ADDED SPACE

INCREASED | HOSTEL
CAPACITY - 3062

Achievements & Awards

During AY 21-22, Marwadi University was awarded the status of Center of Excellence (COE) by the education department, Government of Gujarat. The University has collaborated with the Indian Technology Congress Association (ITCA) Bangalore, an organization that helps build new space solutions (Nano Satellites by students). This project will involve students & provide ample opportunities to learn about the space environment and launch our own satellite. One more key achievement of the University is that we received the Rising Star 2022 award by Coursera for Campus for the active usage by our faculty members & students of the Coursera platform. The University has also received Aajkal Educational Award 2022 as The Best University. Another feather on the cap, Marwadi University has been recognised in an

excellent band by ATAL Ranking of Institution Innovation Achievement (ARIIA) this year by MoE & AICTE GoI.



CENTER OF EXCELLENCE BY GOVT. OF GUJARAT

In July 2022, we received the GEM Green Building

certificate from ASSOCHAM as recognition of initiatives taken for environmental awareness and practices by Marwadi University. To quote a few achievements from the faculty side, teachers from the department of Information Technology & Engineering were awarded by All India Council for Technical Education (AICTE) to the faculty coordinators for Leadership in Teaching Excellence (LITE) program. The Civil Engineering Department was accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and also by Gujarat Pollution Control Board (GPCB) as an Environmental Auditor. A total number of 18 faculty members were recognized nationally and internationally by renowned organizations and institutions for best research paper and awarded fellowships etc. for their contributions.



 **8980030090**

Rajkot - Morbi Highway, Rajkot, Gujarat, India 360003
www.marwadiuniversity.ac.in

360° Campus View



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