

THE Sustainability Impact Rankings 2027 | Criterion 17.3.17

17.3.17. University publishes progress against SDG 17

Sustainable Development Goal 17 (SDG 17), Partnerships for the Goals, recognises the importance of collaboration among governments, educational institutions, healthcare organisations, industry, civil society and international partners in advancing sustainable development. It encourages knowledge-sharing, capacity building, research collaboration, technology exchange and partnerships that support the achievement of the wider Sustainable Development Goals.

Mahatma Gandhi University of Medical Sciences and Technology (MGUMST), Jaipur, advances this agenda through collaborations with academic institutions, healthcare organisations, government agencies, professional bodies, diagnostic service providers and international partners. These relationships provide opportunities for joint research, academic exchange, clinical and technical training, healthcare service development, professional knowledge-sharing and community-oriented initiatives.

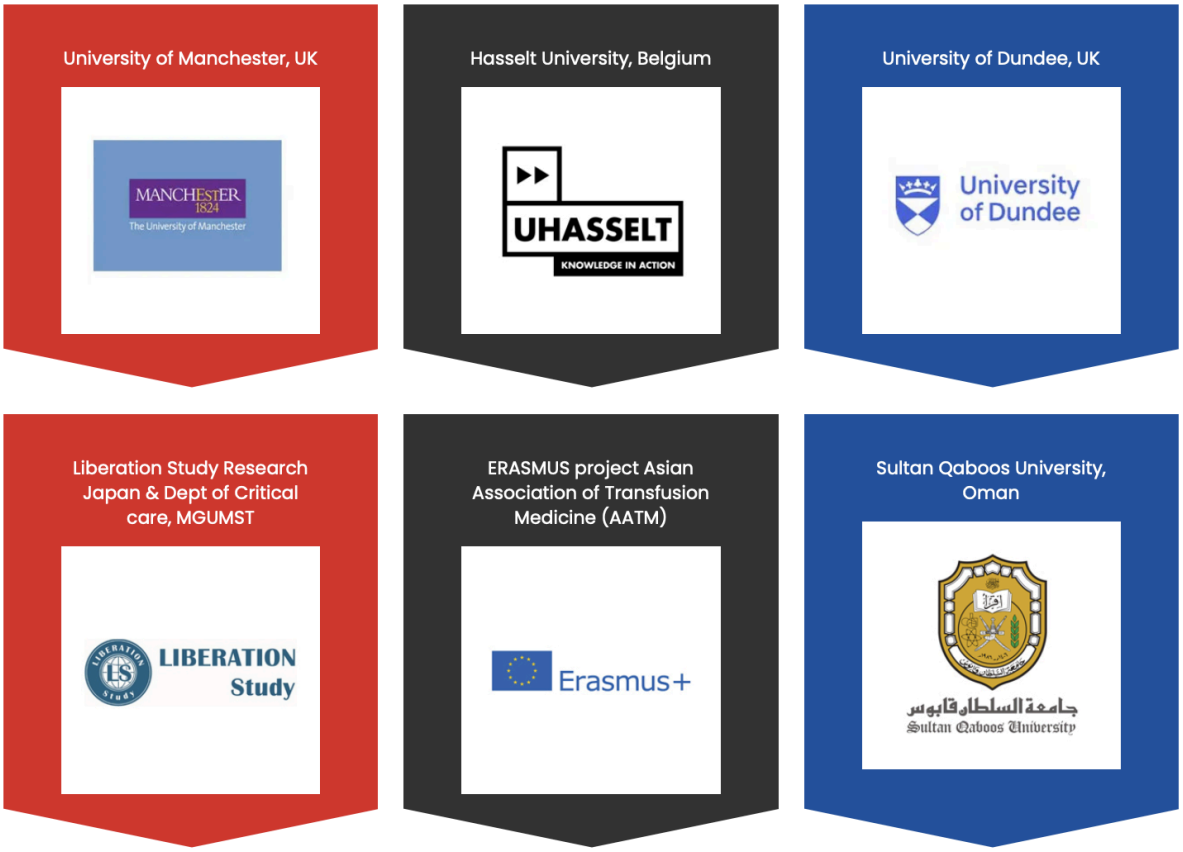
1. International academic and research partnerships

1.1 Collaboration with international universities

The institutional MoU inventory identifies international academic relationships with the University of Manchester (United Kingdom), Hasselt University (Belgium), the University of Dundee (United Kingdom) and the University of Peradeniya (Sri Lanka). The recorded collaboration periods include 2025.

The University of Manchester collaboration (2025–2030) identifies joint research, joint technology projects, lectures and seminars, joint teaching and PhD supervision as areas of cooperation. The University of Dundee arrangement (2025–2026) concerns healthcare and medical education consultancy, with an emphasis on clinical and research infrastructure, training and capacity building. The University of Peradeniya partnership (2025–2030) covers training, research, academic collaboration and student and faculty exchange.

The Hasselt University partnership (2025–2028) provides for cooperation in research, teaching and extension activities. Its stated areas include faculty and student exchange, joint academic and research activities, seminars, conferences, courses and workshops, joint applications for external project funding and exchange of academic materials and publications.



Some International Collaborations with International Universities

1.2 International research and professional exchange

The institutional list also records an ERASMUS project with the Asian Association of Transfusion Medicine (AATM), covering 2025–2030. The stated areas include training, research, student exchange and intellectual property-related activities. This partnership is relevant to professional capacity building and knowledge exchange in transfusion medicine.

In addition to formal agreements, MGUMST faculty participation in international academic forums during 2025 is documented in the supplied event material. The ASSA–IOSSMA ASEAN 2025 International Orthopaedic and Sports Medicine Congress, held in Bali, Indonesia, from 26–28 August 2025, provided an international platform for exchange in sports medicine, arthroscopy and orthopaedics.

The International Diabetes Federation Congress 2025, held in Bangkok from 7–10 April 2025, is also identified in the event material. Faculty members from the Department of Medicine represented MGUMST and were associated with an e-poster abstract titled “Pulmonary Function Abnormalities in Patients with Type 2 Diabetes Mellitus” (Abstract ID BA2025L-1940).





ERASMUS project with the Asian Association of Transfusion Medicine (AATM)

2. National academic and institutional partnerships

2.1 Rehabilitation and allied health collaboration

On 13 June 2025, MGUMST, through Mahatma Gandhi Occupational Therapy College and Mahatma Gandhi Physiotherapy College, signed a Memorandum of Understanding with the Composite Regional Centre (CRC), Jamdoli. CRC operates under the aegis of the Pandit Deendayal Upadhyaya National Institute for Persons with Physical Disabilities, Ministry of Social Justice and Empowerment, Government of India.

The collaboration is intended to strengthen academic and clinical engagement in occupational therapy and physiotherapy. Its stated areas include faculty exchange, student training and internships, joint research projects, academic visits and scholarly events. The partnership connects university-based teaching with a specialised rehabilitation setting and provides a framework for practical learning and research collaboration.

The institutional inventory also records a 2025–2027 collaboration with the Pandit Deendayal Upadhyay National Institute for Persons with Physical Disabilities, covering student training, staff exchange, centre visits, research collaboration and scientific events. A separate 2025–2028 arrangement with the National Institute of Locomotor Disabilities includes student training, faculty and staff exchange, scientific events and research collaboration.

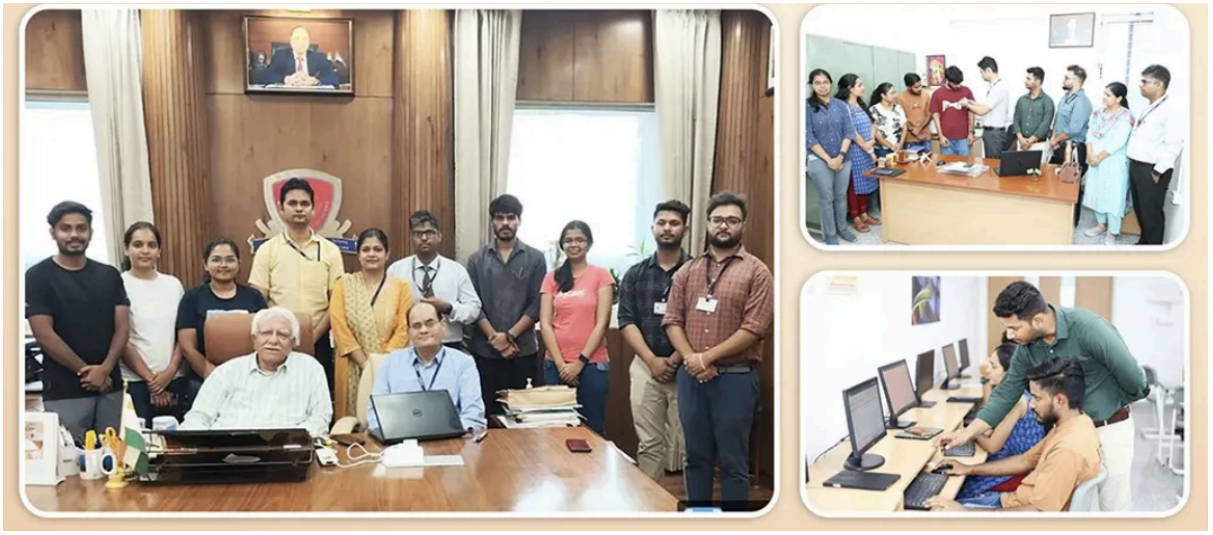


Mahatma Gandhi Occupational Therapy College and Mahatma Gandhi Physiotherapy College, signed a Memorandum of Understanding with the Composite Regional Centre (CRC), Jamdoli

2.2 Academic, teaching and research partnerships

The institutional partnership inventory identifies several collaborations that support academic development and research. These include AMITY University, Jaipur (2025–2028), with stated areas of joint conferences, student and faculty exchange, joint publications, PhD supervision and outreach programmes; and Poornima College of Engineering (2025–2030), focused on integrating healthcare into the education ecosystem through medical facilities, health promotion and collaborative training.

The ERASMUS project with AATM and the international university partnerships described above further broaden the university's academic and research network. The inventory also records continuing relationships with Manipal University Jaipur, Janardan Rai Nagar Rajasthan Vidyapeeth, Sibar Institute of Dental Sciences and MUHS Nashik, with areas including research, curriculum development, student and faculty exchange, industrial training and academic exchange. Their agreement periods include 2025, although specific activities undertaken during the year should be evidenced separately.



Academic Partnership between MGUMST & Maharashtra University of Health Sciences Nashik Pune Maharashtra.

2.3 Healthcare quality and hospital administration

MGUMST's collaboration with the Consortium of Accredited Healthcare Organisations (CAHO), through Mahatma Gandhi College of Hospital Administration, is recorded for 2024–2029. The partnership covers research, training, consultancy and student welfare. It positions the university as a knowledge partner in healthcare quality and hospital administration. The supplied material also contains a separate report describing an MoU exchange at a CAHO event themed “Enhancing Quality Through Collaboration – Transforming Healthcare Together”.

A Teacher's Day celebration and Teacher of the Year award programme organised by the Indian Medical Association (IMA), Jaipur, on 5 September 2025 recognised Dr. M. L. Swarankar, Emeritus Chairperson, MGUMST. The event reflects engagement with a

professional medical association and recognition of contributions to medical education and healthcare.



MoU exchange at a CAHO event themed "Enhancing Quality Through Collaboration – Transforming Healthcare Together"

3. Healthcare, diagnostic and industry partnerships

The institutional corporate laboratory service arrangements involving the Central Laboratory, Mahatma Gandhi Medical College and Hospital. These include Metropolis Healthcare Pvt. Ltd. (2025–2030), Santokba Durlabhji Memorial Hospital-cum-Medical Research Institute (2025–2028), CORE Diagnostics, Bengaluru (2025–2028), and MedGenome Labs, Bengaluru (2025–2028). The stated nature of these collaborations is corporate laboratory services.

Such partnerships connect institutional healthcare services with external diagnostic and laboratory organisations. They provide a framework for service collaboration and professional engagement.

The 2025–2028 agreement with SWASH Legal Consultant for intellectual property consultancy, IPR-related programmes and filing support. This provides a mechanism for external professional guidance on intellectual property matters.



National MoU with Institutions of Repute

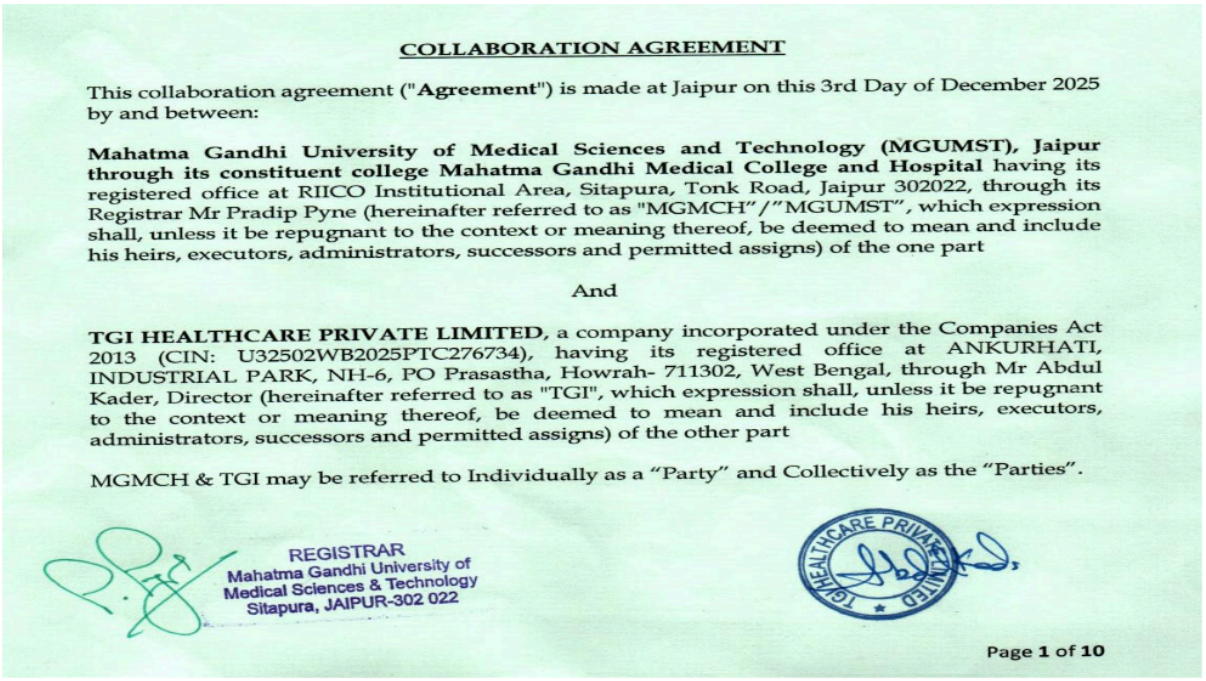
4. Government and public-sector partnerships

The institutional collaboration inventory identifies an agreement with the Department of Health and Family Welfare, Government of Rajasthan, for an Advanced Medical Van Service (2025–2027). The stated scope includes cancer screening, silicosis screening, sickle cell anaemia screening and screening for non-communicable diseases. This partnership provides a framework for cooperation between the university and the state health system in extending screening services.

The 2025–2027 telemedicine services collaboration with TGI Healthcare Private Limited, West Bengal. The stated areas include outpatient services, online consultations and online

camps. This arrangement reflects a collaborative approach to extending healthcare access through digital service delivery.

A 2025–2027 collaboration with Magic Myna Private Limited, Jaipur, concerns the development of a drone-based medical logistics solution for rapid delivery of medical supplies and the development of a medical drone centre of excellence. The agreement indicates an innovation-oriented partnership between the university and an external enterprise.



COLLABORATION AGREEMENT

This collaboration agreement ("**Agreement**") is made at Jaipur on this 3rd Day of December 2025 by and between:

Mahatma Gandhi University of Medical Sciences and Technology (MGUMST), Jaipur through its constituent college Mahatma Gandhi Medical College and Hospital having its registered office at RIICO Institutional Area, Sitapura, Tonk Road, Jaipur 302022, through its Registrar Mr Pradip Pyne (hereinafter referred to as "MGMCH"/"MGUMST", which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include his heirs, executors, administrators, successors and permitted assigns) of the one part

And

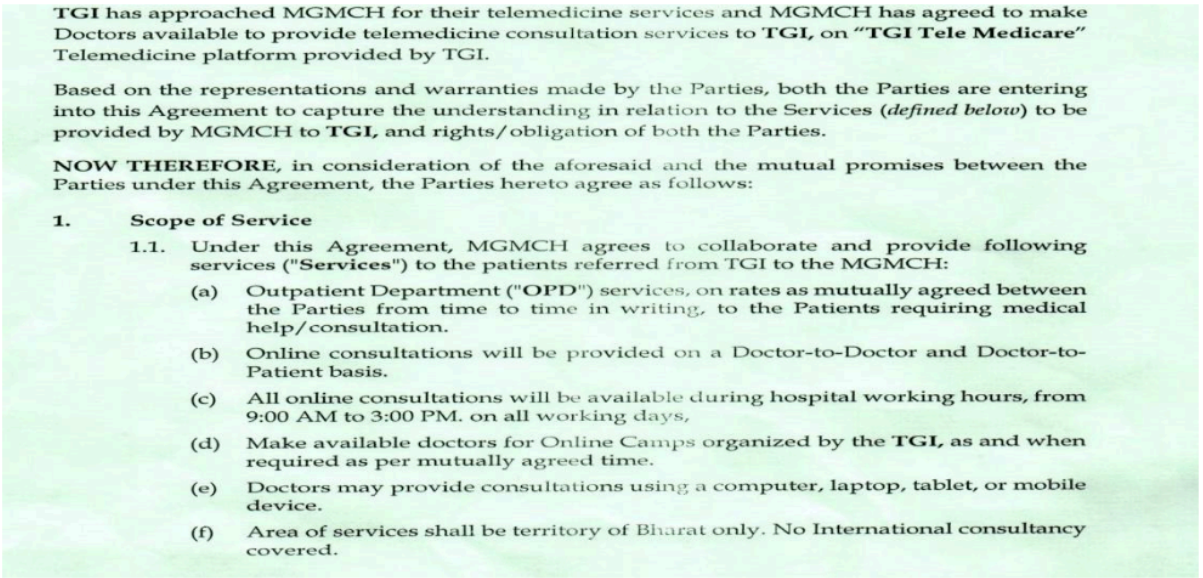
TGI HEALTHCARE PRIVATE LIMITED, a company incorporated under the Companies Act 2013 (CIN: U32502WB2025PTC276734), having its registered office at ANKURHATI, INDUSTRIAL PARK, NH-6, PO Prasastha, Howrah- 711302, West Bengal, through Mr Abdul Kader, Director (hereinafter referred to as "TGI", which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include his heirs, executors, administrators, successors and permitted assigns) of the other part

MGMCH & TGI may be referred to Individually as a "Party" and Collectively as the "Parties".

REGISTRAR
Mahatma Gandhi University of
Medical Sciences & Technology
Sitapura, JAIPUR-302 022

TGI HEALTHCARE PRIVATE LIMITED

Page 1 of 10



TGI has approached MGMCH for their telemedicine services and MGMCH has agreed to make Doctors available to provide telemedicine consultation services to **TGI**, on **"TGI Tele Medicare"** Telemedicine platform provided by TGI.

Based on the representations and warranties made by the Parties, both the Parties are entering into this Agreement to capture the understanding in relation to the Services (*defined below*) to be provided by MGMCH to **TGI**, and rights/obligation of both the Parties.

NOW THEREFORE, in consideration of the aforesaid and the mutual promises between the Parties under this Agreement, the Parties hereto agree as follows:

1. Scope of Service

1.1. Under this Agreement, MGMCH agrees to collaborate and provide following services ("**Services**") to the patients referred from TGI to the MGMCH:

(a) Outpatient Department ("**OPD**") services, on rates as mutually agreed between the Parties from time to time in writing, to the Patients requiring medical help/consultation.

(b) Online consultations will be provided on a Doctor-to-Doctor and Doctor-to-Patient basis.

(c) All online consultations will be available during hospital working hours, from 9:00 AM to 3:00 PM. on all working days,

(d) Make available doctors for Online Camps organized by the **TGI**, as and when required as per mutually agreed time.

(e) Doctors may provide consultations using a computer, laptop, tablet, or mobile device.

(f) Area of services shall be territory of Bharat only. No International consultancy covered.

Collaboration Agreement with TGI Healthcare Private Limited, West Bengal

5. Community and corporate engagement

5.1 Corporate blood donation camp

Mahatma Gandhi Hospital, Jaipur, organised a corporate blood donation camp in collaboration with Corporate PWC Professional Services LLP on 8 November 2025 at MGH Baldwa Clinic City Centre, Motu Doongri Parishar, Jaipur. The activity brought together corporate employees and volunteers, hospital personnel and the Mahatma Gandhi Hospital Blood Bank team.

The camp facilitated voluntary blood donation and highlighted the contribution of corporate volunteers and hospital services to community healthcare.



Photograph of volunteers and a donor at the blood donation camp.

5.2 World Health Day seminar on integrated health

On 7 April 2025, Manav Seva Trust Rajasthan and Arogya Club organised an awareness seminar at Vivekananda Global University, Jaipur, on “World Health Day – Holistic Health and Wellness through Integration of Medical Systems”. The programme brought together speakers associated with Homeopathy, Ayurveda, modern medicine and Naturopathy.

The seminar provided a platform for dialogue among practitioners and educators from different systems of medicine, with discussions on holistic health, lifestyle, nutrition, de-addiction and well-being. MGUMST participation included Dr. N. K. Tak from Mahatma

Gandhi Hospital. The activity demonstrates engagement with external organisations and interdisciplinary knowledge exchange.



'विश्व स्वास्थ्य दिवस' पर सेमिनार आयोजित

विशेषज्ञों ने दिया समग्र स्वास्थ्य का मंत्र

बेधड़क | जयपुर

विश्व स्वास्थ्य दिवस के अवसर पर मानव सेवा ट्रस्ट राजस्थान और आरोग्य क्लब ने विवेकानंद ग्लोबल यूनिवर्सिटी के ऑडिटोरियम में एक जागरूकता सेमिनार का आयोजन किया। सेमिनार का मुख्य उद्देश्य विभिन्न चिकित्सा पद्धतियों के समन्वय से समग्र स्वास्थ्य और कल्याण को बढ़ावा देना था। इस सेमिनार में स्वास्थ्य कल्याण होमियोपैथिक कॉलेज के प्रो. डॉ. राजीव सक्सेना ने होम्योपैथी के दुष्प्रभाव रहित उपचारों पर चर्चा की, जबकि आयुर्वेद पर से.नि. डॉ. जीतेन्द्र सिंह कोठारी ने संतुलित आहार, जीवनशैली और पंचकर्म के महत्व को रेखांकित किया। एलोपैथी के क्षेत्र में महात्मा गांधी अस्पताल के डॉ. एन.के. टाक ने आधुनिक चिकित्सा की भूमिका पर प्रकाश डाला और नशा मुक्ति के उपायों की जानकारी दी। नेचुरोपैथी के विशेषज्ञ डॉ. मनोज शर्मा ने प्रकृति के तत्वों से उपचार के सरल और प्रभावी तरीके साझा किए। ट्रस्ट के प्रबंध निदेशक कौशल सत्यार्थी ने बताया कि सेमिनार का उद्देश्य यह संदेश देना था कि स्वास्थ्य केवल शारीरिक रूप से रोग मुक्त होना नहीं, बल्कि मानसिक और आत्मिक रूप से भी सशक्त होना चाहिए। विश्वविद्यालय के अध्यक्ष प्रो. एन.डी. माथुर ने इस समागम को विभिन्न चिकित्सा पद्धतियों के सहयोग का उत्तम उदाहरण बताया। आरोग्य क्लब के अध्यक्ष गौरव कुमार ने बताया कि सेमिनार में बड़ी संख्या में छात्र, शोधार्थी और शिक्षाविद् उपस्थित थे, जिन्होंने विषय में गहरी रुचि दिखाई। इस अवसर पर प्रो. डॉ. एस.के. मीना, प्रो. डॉ. भूपेश गोयल, प्रो. डॉ. महेंद्र वर्मा, प्रो. डॉ. शालिनी दीक्षित, गौरव कुमार, कृष्णा पोद्दार, अवंतिका, शिल्पी, बर्नाली, मुन्तेहा, नवीन फ्रांसिस, नीलम सहित अन्य गणमान्य लोग भी उपस्थित थे।

Celebration of World Health Day – Holistic Health and Wellness through Integration of Medical Systems

6. National and international academic events as partnership platforms

IMERGE 2025, the International Medical Research and Growth Exchange Conclave, was organised by the Young Scholars of MBBS, MGUMST, from 11–13 December 2025 at RL Swarankar Auditorium. The conclave brought together MBBS students, young scholars, faculty members, clinicians and invited national and international speakers. The programme included a virtual keynote address by Professor Leland H. Hartwell of Arizona State University, USA, and plenary contributions by Professor Priya Abraham of Christian Medical

College, Vellore, and Professor Shiv K. Sarin of the Institute of Liver and Biliary Sciences, New Delhi.

The conclave focused on bridging translational research and clinical practice. Its hybrid format enabled engagement with speakers beyond the university campus and provided students with exposure to contemporary biomedical research and clinical perspectives. IMERGE therefore represents a documented academic platform for knowledge exchange and research engagement.

The ASSA–IOSSMA ASEAN 2025 congress and the International Diabetes Federation Congress 2025, discussed earlier, also provided opportunities for MGUMST faculty to engage with international professional and research communities.



Official poster – IMERGE 2025, 11–13 December 2025

7. Research publications and intellectual property mapped to SDG 17

The university's research and innovation activities are listed as follows:

Table 1. Selected research publications

S. No.	Research publication	Author / department recorded	Journal	Relevance to SDG 17
1	2025 European LeukemiaNet Recommendations for the Management of Chronic Myeloid Leukemia	Dr. Hemant Malhotra, Medical Oncology, MGMC&H	*Leukemia*	Contribution to an international professional guideline initiative and dissemination of shared clinical knowledge. Confirm the author's role and co-author affiliations before describing it as an institutional international collaboration.
2	Indian National Association for the Study of Liver (INASL) Guidance Statements for Determining Futility in Liver Transplantation	Dr. Naimish N. Mehta, Hepato-Pancreato-Biliary Surgery, MGMC&H	*Journal of Clinical and Experimental Hepatology*	Professional-society guidance development and knowledge sharing. The institutional register identifies the paper and author but does not provide the complete collaboration details.
3	Mapping Antimicrobial Susceptibility of Uropathogenic *Escherichia coli* with Analysis of Impact of Socio-Economic Factors in Low-, Medium- and High-Income Countries	Dr. Ekadashi Rajni, Microbiology, MGMC&H	*IJID Regions*	Examines antimicrobial susceptibility across different income settings, offering a wider international and comparative research perspective. Verify co-authors and participating institutions.
4	Unlocking Insights: A Survey on Perioperative Hemodynamic Monitoring in Kidney Transplantation Across India	Dr. Vipin Kumar Goyal, Organ Transplant Anaesthesia and Critical Care, MGMC&H	*Indian Journal of Transplantation*	National-level survey and knowledge sharing across the transplant-care field. Confirm participating centres and collaborators before claiming a multi-institutional study.

MAHATMA GANDHI UNIVERSITY of MEDICAL SCIENCES AND TECHNOLOGY JAIPUR
MGMCH is the First Academic Medical Centre in India accredited by JCI

Leukemia www.nature.com/leu

REVIEW ARTICLE OPEN

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CHRONIC MYELOID LEUKEMIA

2025 European LeukemiaNet recommendations for the management of chronic myeloid leukemia

Jane F. Apperley[1,2✉], Dragana Milojkovic[2], Nicholas C. P. Cross[3], Henrik Hjorth-Hansen[4], Andreas Hochhaus[5], Hagop Kantarjian[6], Jeffrey H. Lipton[7], Hemant Malhotra[8], Dietger Niederwieser[9], Jerald Radich[10], Philippe Rousselot[11], Susanne Saussele[12], Charles A. Schiffer[13], Richard Silver[14], Simona Soverini[15], Leif Stenke[16], Anna Turkina[17], Luis Felipe Casado[18], Fausto Castagnetti[19], Francisco Cervantes[20], Richard E. Clark[21], Jorge Cortes[22], Michael Deininger[23], Timothy P. Hughes[24], Jeroen Janssen[25], Qian Jiang[26], Dong-Wook Kim[27], Richard A. Larson[28], Francois X. Mahon[29], Michael Mauro[30], Jiri Mayer[31], Franck E. Nicolini[32], Fabrizio Pane[33], Delphine Rea[34], Johan Richter[35], Gianantonio Rosti[36], Giuseppe Saglio[37] and Rüdiger Hehlmann[38]

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In this 5th version of the European LeukemiaNet guidance for adult patients, there are important changes in several areas of management based on evidence available since 2020, including the World Health Organisation's reclassification of CML as a biphasic disease. Previous advice to switch the tyrosine kinase inhibitor (TKI) on failure of molecular milestones, is modified to better account for individual patient circumstances. Our recommendations are summarized in tables designed to be read in conjunction with the text which offers justification and additional advice. We describe decision-making for first-line treatment, both in available drugs and their initial dosing. Similarly we elaborate on dose reduction rather than drug switching to manage toxicities and discuss treatment sequencing. Data have matured for the outcome of treatment discontinuation and for management of parenting for both men and women. We acknowledge that most patients will remain on treatment for many years and emphasize the needs to minimize side effects, manage co-morbidities and optimize quality of life. Recent advances in allogeneic stem cell transplantation have broadened access to alternative donors, and lessened limitations of age and co-morbidities such that transplant remains a valuable option for patients for whom long-term disease control is not achieved through TKI therapy.

Leukemia (2025) 39:1797–1813; https://doi.org/10.1038/s41375-025-02664-w

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SPRINGER NATURE

2025 European LeukemiaNet Recommendations for the Management of Chronic Myeloid Leukemia

Table 2. Some Selected Patents applications

S. No.	Title of innovation	Application number	Inventors / Applicant	Date
1	A Portable Wax Pack – A Physiotherapy Device & Method of Using Thereof	202511065130	Dr. Madhusudan Tiwari, Dr. Prakash Pandey, Dr. Shagun Agarwal, Dr. Yuthika Rao, Dr. Vidhi Gupta and Bharvi Bandral; MGUMST listed as applicant	08 July 2025
2	A Physiotherapeutic Vibrator Designed for Neonates or Children	202511065565	Dr. Yuthika Rao, Dr. Barvi Bandral, Dr. Prakash Pandey, Dr. Madhusudan Tiwari and Dr. Vidhi Gupta; MGUMST listed as applicant	09 July 2025
3	A Rubber Dam Clamp with Integrated Magnification and Illumination for Posterior Dental Procedures	202511080554	Dr. Avichal Mina, Dr. Gaurang Mathur, Dr. Apoorva Mathur and Dr. Pragati Kaurani; MGUMST listed as applicant	25 August 2025
4	A Rotatable Bone Graft Delivery System for Enhanced Surgical Precision	202511084636	Dr. Amrita Kumari, Dr. Ashish Yadav and Dr. Nitin Goyal; MGUMST listed as applicant	05 September 2025

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

ORIGINAL

क्रम सं/ Serial No. : 247449

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.	:	465131-001
तारीख / Date	:	09/07/2025
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

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डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।

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जारी करने की तिथि : 05/08/2026
Date of Issue :

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Table 2. Some Selected Copyright Work

S. No.	Title of copyright work	Applicant	Diary / registration number	Date
1	Cyclic Phase-Specific Physiotherapy Protocol for Polycystic Ovarian Syndrome	Prakash Pandey, Barvi Bandral, Riya Sharma and Eshita Sharma	LD-34282/2025-CO	25 August 2025
2	MGPC's Fitness Exercise Protocol	Dr. Madhusudan Tiwari	LD-20250167572	12 March 2025
3	Glycotrain: A 12 Week Concurrent Exercise Program	Dr. Yuthika Rao	LD-20250172034	22 April 2025
4	Intensive Care Physiotherapy Treatment for Liver Transplant Recipient Patients	Dr. Eshita Sharma, Dr. Vidhi Gupta	LD-20250167506	10 April 2025

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प्रकाशक विवरण / Publisher Details:	N.A.
कार्य की भाषा / Language of the Work:	English
कार्य का विवरण / Description of the Work:	Cyclic Phase Specific Physiotherapy Protocol is an adaptive framework for PCOS, aligning strength, mobility, cardio, and recovery with menstrual phases to optimize health and quality of life.
(शर्तें / टिप्पणियाँ, यदि कोई हो) / (Conditions/ Remarks, if any):	N.A.

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Cyclic Phase-Specific Physiotherapy Protocol for Polycystic Ovarian Syndrome