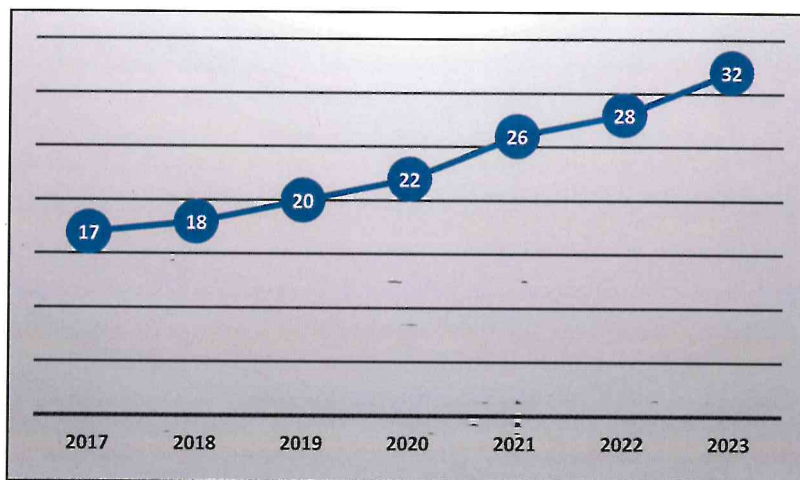


Case Study: University Research Progress in Attainment of one of It's Strategic Goal

As an emerging university, incremental improvement in different areas of research such as research papers, patents, and citations is an impressive feat. It shows that the university is making progress towards establishing its research capabilities and making valuable contributions to the academic community. Some examples of these improvements include:

Research papers: MRU has been showing consistent improvement in the number and quality of research publications. There has been an improvement in the number of citations received by research papers published indicating the impact and influence of research papers on the academic community. An increase in the h-index of MRU over the past few years is a positive sign and reflects the quality and impact of the research being conducted at the university. A higher h-index indicates that the research output of the university is being widely cited and that the research is having a significant impact on the academic community.



H-index

An increase in the h-index from 17 to 32 over the past six years also suggests that the university is making progress towards achieving its research goals and objectives. An increase in the h-index of a university is a positive development that reflects the

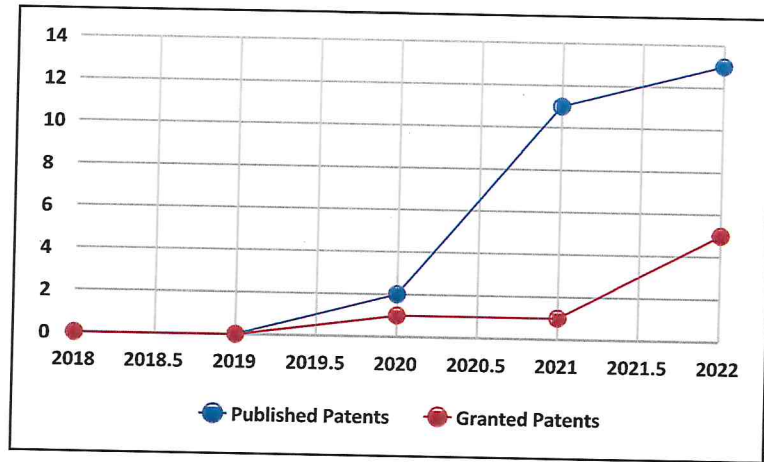


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university's commitment to research excellence and its ability to produce high-quality research that makes a significant contribution to the academic community.

Patents: There has been increase in the numbers of patents as an indication of the university's innovation and its ability to translate research outcomes into practical applications.



Patents

Enhancing Research Infrastructure: The establishment of advanced research facilities over the past five years like University Instrumentation Centre (UIC); Centre of Excellence (CoEs) like Air Conditioning Centre in collaboration with Daikin India Pvt. Ltd., Product Design and Development Centre in collaboration with Altair & Design Tech., Centre of Excellence on Alternative Dispute Resolution (ADR), Legislative Studies & Research (LSR), Peace & Sustainability; and other facilities/research clusters including Material for Environmental Sustainability Cluster, Research Computing Cluster, providing a specialized and focused research environment that promotes collaboration and innovation, have led to high-quality research outcomes that benefit both academia and society.

Fostering Entrepreneurship: MRU encourages a culture of innovation and creativity, which has led to transformation of new research ideas into practical applications, products, or services. By supporting startups and entrepreneurship, MRU helps students and faculty members to take their research from the lab to the marketplace. **There are 15+ startups that have originated at the campus being mentored by the faculty members and have received the grant of minimum 2.5 Lakh from the Incubators.** MRU has collaborated




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with Industries and Incubation Centers Like AIC IIT Delhi Sonapat, AIC BIMTECH, National Small Industries Corporation (NSIC), MENTORx, Yung Minds, BYST to foster entrepreneurship.

University started its **doctoral programme** with 30 candidates in 2016 and today almost 50 have been either awarded the degree or defended their thesis and there are more than 200 currently registered with the program.

MRU is **collaborating** more with other universities/institutions, and industry partners, for the sharing of knowledge, expertise, and resources, leading to better research outcomes which has led to more impactful research outcomes.

The improvements driven by advances in technology, and increased funding for research have positioned MRU to be at the forefront of high-quality research and innovation, contributing to the advancement of knowledge and the betterment of society. This has reflected in the ratings/rankings by renowned agencies like QS I-GAUGE 2022 (silver rating in Research category), and Times Engineering Institute Ranking Survey (#1 **Emerging Engineering Institutes-Research Capability**) consecutively for the last three years.



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