MATS UNIVERSITY

STRATEGIC PLAN
2020-30

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NAAC ACCREDITED UNIVERSITY

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About us

MATS University was established under Chhattisgarh Act No. 29 of 2006 (Chhattisgarh Private Universities Establishment and Operation Act, 2006) and promoted by Shri Bhagwan Mahaveer Jain Educational Cultural Society under the Visionary leadership of Shri Gajraj Pagariya with the objective of promoting quality higher education in Chhattisgarh. In the year 2015; MATS was recognized as a minority University by the Government. The University is Chhattisgarh's oldest Private University and consistently ranked in the top few Universities in Central India. Our reputation for excellence and breaking new ground has been forged by a continuous stream of exceptional people. We proudly count among top entrepreneurs, business owners and leading professionals as our distinguished alumni. Today, our vibrant culture continues to attract some of the best and brightest academic leaders as well as students from all over the country. True to our motto "Ready for Life", we prepare our students to face the competitive world. We strive towards making our students successful with high technical knowledge, professional leadership and entrepreneurial skills coupled with ethical values. The institution has stood for quality and excellence and strives to be the best in the years to come. We at MATS University prepare our students to make the best out of the available opportunities. Well qualified and experienced faculty and skill development trainers make sure that our students enhance their critical thinking, analytical and technical ability. Life at MATS leads the students to think high, aim high, adopt creativity, innovation and continue learning. MATS University has two Campuses. The Main Campus is in Aarang and the City Campus is in Raipur. The Main Campus in Aarang is renowned for its modern architecture and lively atmosphere. Spread over an area of 30 plus acres, surrounded by lush greenery, it is located 42km away from the state's capital. The Campuses are well connected with the railway, bus, and airways. The multidisciplinary University offers career oriented programmes at all levels i.e. Undergraduate, Postgraduate and Doctoral degrees across diverse streams, namely Engineering, Pharmacy, Education, Management, Law, Journalism, Arts, Science, Commerce to meet rising aspirations of the youth.

Vision:

To become a world class centre in providing globally relevant education. MATS University will be the Global University, known for its quality academic programs and outstanding faculty, products and services to students and clients independent of place and time constraint. MATS University would be a benchmark institution for lifelong partnership with students, the workforce and public and private enterprises. Building on its proud tradition, MATS University will extend educational opportunity to those who will make our state (Chhattisgarh), our nation, and global society a better place to live and work.

Mission:

To foster an intellectual and ethical environment in which the spirit and skills within MATS University willthrive so as to impart high quality education, training, research and consultancy services with a global outlook and human values. To create and develop technocrats, entrepreneurs and business leaders who would strive to improve the quality of human life. To create truly world class schools of Management Sciences, Engineering Sciences, Education, Information Technology, Basic and Applied Sciences, Arts and Humanities, Life Science, Fashion designing and Interior Designing, Business Studies, Physical Education, Law.
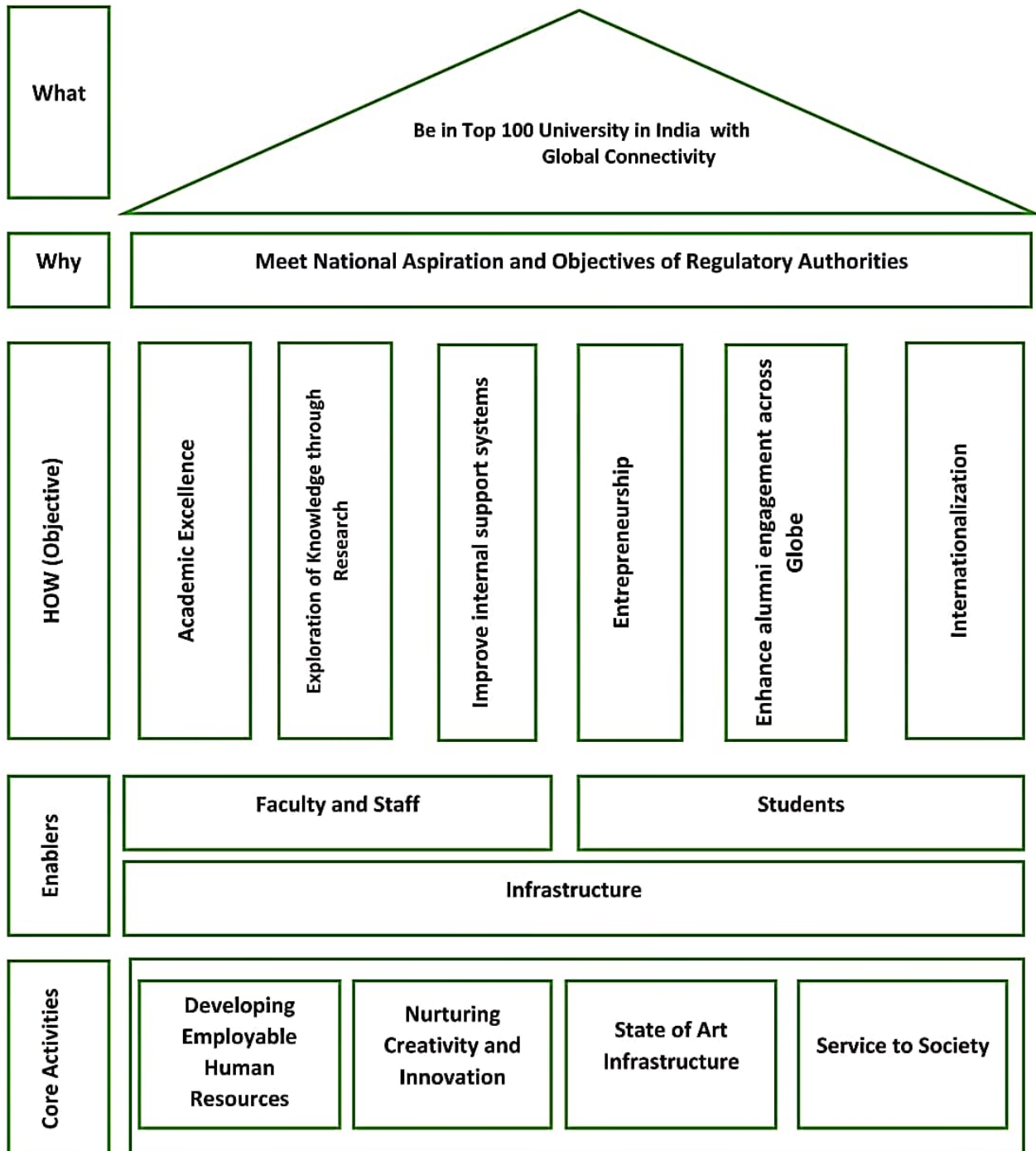
Quality Policy

The **Quality Policy** of MATS University, Raipur, focuses on ensuring excellence in education and providing a holistic learning environment for students. The policy is aimed at enhancing academic, professional, and personal development, along with fostering innovation and research.

1. **Academic Excellence**: Strive to maintain high standards in teaching, learning, and curriculum design to ensure that students receive up-to-date knowledge and practical skills.

2. **Student-Centric Approach**: Focus on providing a supportive and stimulating learning environment that encourages students to excel academically and personally. This includes attention to diverse learning styles and fostering skills beyond academics, such as leadership and teamwork.

3. **Research and Innovation**: Encourage research activities and aims to promote innovation, creativity, and critical thinking among both students and faculty members. Collaborative research with industries and academic institutions is encouraged.

4. **Continuous Improvement**: Focus on continually improving its infrastructure, teaching methodologies, and student services to enhance the learning experience. Regular feedback from students, faculty, and stakeholders is utilized for the continuous evolution of academic programs and support systems.

5. **Accreditation and Compliance**: Commitment to meeting the requirements of accreditation agencies like the University Grants Commission (UGC) and other relevant regulatory bodies, ensuring compliance with national and international standards.

6. **Holistic Development**: Contribute to the holistic development of students, preparing them for professional careers and responsible citizenship. This involves

incorporating extracurricular activities, sports, cultural events, and workshops into the academic framework.

7. **Industry Collaboration**: Building strong ties with the industry for student internships, placements, and real-world exposure is a priority. The aim is to enhance employability and bridge the gap between academic learning and industry requirements.

8. **Sustainability and Social Responsibility**: Focuses on encouraging students to become responsible individuals who contribute positively to society. It promotes sustainability practices, social awareness, and ethical behavior in students.

STRATEGIC PLAN 2020-2030

What	Be in Top 100 University in India with Global Connectivity
Why	Meet National Aspiration and Objectives of Regulatory Authorities

HOW (Objective)

- Academic Excellence
- Exploration of Knowledge through Research
- Improve internal support systems
- Entrepreneurship
- Enhance alumni engagement across Globe
- Internationalization

Enablers

- Faculty and Staff
- Students
- Infrastructure

Core Activities

- Developing Employable Human Resources
- Nurturing Creativity and Innovation
- State of Art Infrastructure
- Service to Society

Goal 1: Academic Excellence

Values-based Education creates a strong learning environment that enhances academic achievement and develops students' social and relationship skills that last throughout their lives. The positive outcomes are achieved through teaching-learning methods blended with ethical values and cross domain research in cutting edge technologies. This leads to the all-round personality development of the students. It also provides social capacity to students, equipping them with social and relationship skills, intelligence and attitude to succeed at every aspect of their lives. A high quality of academic excellence can provide value-added experience for the students.

Strategies:

1. **Curriculum design and revision(multidisciplinary education)**

   Curricula of all the programmes developed and adopted at GEC covers multiple facets like providing engineering knowledge, desirable attributes, professional ethics and relevant technical and non-technical skills. Along with these skills it also encapsulates societal aspirations. To promote higher order thinking through analyzing, evaluating concepts, processes, procedures and principles in education, the course outcomes are designed in line with the revised Bloom's Taxonomy. The courses are developed to meet the stated PEOs, POs and PSOs of the program. The Choice Based Credit System adopted in the institute has given scope to the students to learn cross domain subjects/ technologies and take up inter-disciplinary project work. The curriculum is redesigned to incorporate the industry needs and the socio dimensional subjects that would enhance the student self-learning and employability skills.

2. **Pedagogy and Delivery Modes**

   The day to day classroom delivery is through modern pedagogy evenly balancing the traditional methodology. The classrooms are equipped with the required infrastructure to facilitate the new modes of delivery. The faculty are trained on the ICT methodologies and continuous apprise of the same is provided through conduct and participation in faculty development programs, workshops and seminars. An exclusive teaching/ learning center is in place to support faculty teaching, student learning and communication. E- learning / online learning will be encouraged in addition to the traditional class room teaching-learning practice. Faculties and students are encouraged for MOOC- SWAYAM-NPTEL Certification.

Metrics / Measures

Key Result Areas	Measures
Curriculum Enrichment	Industrial Certificate Courses
	Courses focusing on Skill development and Employability
	Value Added Courses
Learner Centric Curriculum delivery	Academic Plan as per OBE & Academic calendar
	Quality projects
	ICT utilization / Pedagogy Tools
	Online Self learning Resources
	Industry exposure through Internships
	Workshops/FDPs on Pedagogy/Technology
	Learning Management System
Smart Classrooms	Multimedia and support equipment
	E-Learning Facilities.
Laboratories	Periodic maintenance and up gradation
	Virtual Laboratory
	Additional Design and open ended experiments

Goal 2: Exploration of Knowledge through Innovation meeting societal needs

The Institute addresses and enhances students' imagination, initiative and practical skills and equips them to innovate and confidently cross the threshold of challenges. Added to the academic activity additional open ended experiments, Micro/ Mini Projects, Industrial based projects, Product based projects are encouraged. The innovative idea of students is transformed into reality by:

- **Project Based learning from micro to macro levels involving processes and products.**
- **Enhancing collaborative projects with academic institutes, industry.**

Metrics / Measures

Key Result Areas	Measures
Research Publications	Numbers of papers published in reputed National and international journals
	Numbers of papers presented in reputed National and international conferences
	Faculty as reviewers for reputed journals
Frontiers of knowledge	Operational Centers of Excellence
	Conferences/Seminars/Workshops conducted.
	MOUs with higher learning institutes in India & broad.
Patents and copyrights	IPR Workshops
	Number of Indian Patents
	Books and Monograms, Copy rights

Goal 3: Improve internal support systems

The Institute has installed a modern and comprehensive Enterprise Resource Planning (ERP) system after streamlining all processes with the aim of improving efficiency and transparency of operations. The number of technical staff in the departments will be increased, including senior staff with higher qualifications. The Institute will provide additional administrative staff to departments to manage routine work such as, arranging admissions and examinations, maintenance, recording minutes of meetings, as well as specialized activities such as publishing newsletters, maintaining website and engaging with industry and alumni.

The Institute will enhance the purchase section to provide greater support for facilitating purchases in a timely manner. A conference/FDP/STTP course support cell will be set up to help arrange conferences/ FDPs/STTPs. The Institute will provide adequate staff and online systems to enable maintenance of the estate and buildings at a higher standard.

Action points

- Simplify systems and processes with a modern ERP system.
- Appoint and empower departmental managers to support and co-ordinate purchase, maintenance and administration in the Department.
- Conduct annual satisfaction survey.
- Service orientation and training for staff, service response and online complaint systems.
- Establish improved faculty orientation and mentorship program for new faculty members.
- Create a conference organizing support cell as a part of CEP.

Metrics/Targets

- Reduction in average processing times
- Continuous improvement on satisfaction survey scores
- Tracking and reduction in complaint redressal times

Goal 4: Entrepreneurship

The Institute aims to create an ecosystem for deeper collaboration with industry in several modes, including consultancy, sponsored research projects, technology transfer and continuing education. Measures are taken to transform classroom learning to a project based experience. The idea to innovate is encouraged through the **TECH FEST** and the best idea is rewarded. Infrastructure is provided to implant the ideas. Young technocrats get opportunities to exploit their full potential by setting up their own ventures thus becoming "job generators" rather than "job seekers". Strategy to provide a platform to business Start- ups to develop the innovative ideas into commercially viable products.

Training and mentoring to the students is given through **Entrepreneurship Development Cell** to realize the idea into application/ product at institute. Initial awareness on entrepreneurship is facilitated by conducting awareness camps, guest lectures, seminars, workshops, and skill development programmes.

The **Industry Institute Interaction** Cell proactively builds partnerships with industry in areas of strengths of the Institute. Collaboration with the industry is built through well-structured student internships and appointment of industry professionals as Visiting Faculty. A significant quantum of research will originate from problems identified as a result of the faculty's engagement with industry.

Metrics / Measures

Key Result Areas	Measures
Industry Collaboration	Industry Supported Labs
	Student Internships
	Knowledge exchange through seminars and workshops
	Faculty as Corporate Trainer
	Consultancy and Testing to industry
	Sponsored and funded collaborative research
	MOUs with Premier industries
Innovation and Entrepreneurship	Exclusive incubation facility
	Proactive participation of Students and Faculty
	Focus on Product development
Resources & Infrastructure	Exclusive facility for R&D
	Licensed Technologies

Goal 5: Alumni Engagement across the Globe

Alumni have been key stakeholders in the Institute's evolution and growth. Alumni achievements have been a source of pride for the Institute and have contributed significantly in society. Plan for active alumni chapters in various cities in India and several initiatives from the alumni to support some of the Institute goals. Donations from the alumni will result in creation of new infrastructure (convention centre, innovation centre) and support towards student facilities and counseling. The Faculty Alumni Network (FAN) will help the Institute in identifying and attracting young researchers and academics to faculty positions at the Institute. The Institute has Distinguished Alumnus. The Institute conducts several events to engage with alumni within India and around the world. A dedicated committee manages alumni interactions, supported by a new entity. The Institute will make efforts to enhance the engagement with all alumni. The focus will be on a two way interaction.

The Institute is committed to lifelong involvement with all students who will continue to be part of GEC family even after they graduate. The Institute will build its engagement on adding value and support to the alumni in their careers and professions with specialized training, lectures, access to the latest research and help with networking. The Institute will welcome alumni visits to the hostels and departments and will provide opportunities for alumni to interface with students and faculty and participate in the research and educational activities at the Institute.

Action points

- Create an Alumni Centre at the Institute to support alumni visits, activities and engagement.
- Initiatives for supporting alumni needs for continued learning and career improvement. Lifelong Learning Modules targeted for Alumni.
- Multiple interaction modes such as, interaction between alumni and students, mentoring, interaction between alumni and faculty, alumni inputs for curriculum development, alumni support for student placements and internships, alumni involvement in Department Advisory Committees and in enhancing the innovation ecosystem at DIET.
- Engage alumni as adjunct faculty.

Metrics/Targets

- Number of alumni visitors to Alumni Centre and the Institute: 500 per year
- Number of meets/networking events for alumni: 3-4 per year

Goal 6: Internationalization

Globalization weighs heavily in the post-modern society based on knowledge. The wider economic, social and cultural globalization theories emphasize that the current setting for education, teaching and learning is globalized. The scenario of higher education internationally is dynamic and changing exponentially. The international academic institutions are welcoming Indian students with the doors wide open, pressing Indian institutions for drawing a concrete strategic plan to survive with good student enrolment. It also offers an opportunity to institutions for collaborative programmes benefiting both partners involved. The international education system appreciates Indians and thus, the Indian institutes may attract good professors of foreign and Indian origin.

Technical higher education is increasing global enterprise; hence Indian institutions should embrace internationalisation that could provide them with new opportunities. The country's rationale for internationalisation would be to enhance its soft power, improve standards of domestic provision, and produce graduates with international competencies and skills. This can best be achieved by having more innovative partnerships. Given the historical advantage in higher education (particularly among emerging market economies) the widespread use of English language and low-cost living, India can potentially become a global hub for higher education. We need to provide greater autonomy to our Centres of Excellence to enter into a collaborative partnership with the best universities abroad.

Action points
- MOUs with Foreign Universities to give the faculty and students international exposure to augment the knowledge base.
- Academicians of Foreign Universities as Mentor
- Double degrees with obligatory abroad period
- MOOC Courses
- Center of Excellence in collaboration with foreign laboratories to enhance research activity.