

Impacting Society through Globally Competent Technologists



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MIT @ 54

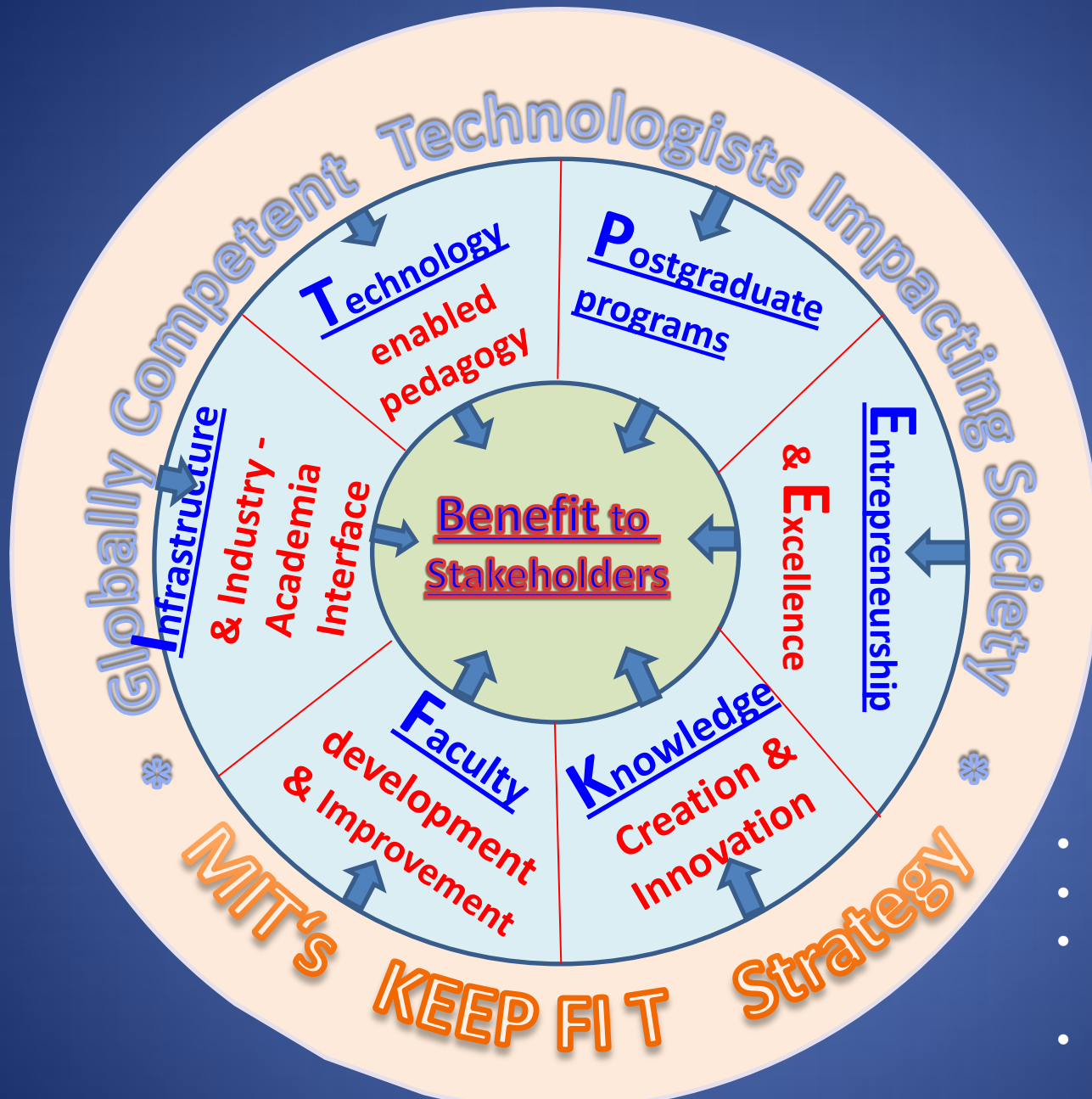
- Aiming for a Global Impact - ranking in top Technical Institutes globally
- Providing Quality educationists and CEOs for change management worldwide
- Mandating Quality with Quantity
- Catering to socially relevant education programs
- Source of locally pertinent innovations and patents
- Hub for entrepreneurship and incubation

MIT strengths

- Cultural diversity of students/alumni
- Size and visibility
- Young and motivated faculty
- Scope for interdisciplinary programs due to proximity of non-technical Institutions
- International collaborations
- Easy access to an Industrial/IT megapolis
- 50+ years Brand Manipal

MIT's *KEEP FIT* Strategy

For the benefit of all stakeholders



Stakeholders

- Students/Faculty
- Institute/University
- Parents/Society at large
- Alumni

Facilitate
Quality
Learning
And Research

- Knowledge Creation
- Entrepreneurship
- Excellence
- Post Graduate Programs

- Global ranking
- Policy makers & Change managers
- Quality with quantity
- Technology Transfers/Incubation
- Socially relevant courses
- Locally pertinent innovations/patents

Faculty

Infrastructure

Technology

Strengthening

The Model

T – TECHNOLOGY-ENABLED TEACHING / LEARNING

(mandating Excellence with numbers)

- ✓ New pedagogical tools for improving content delivery efficiency
- ✓ Automated Academic Management System
- ✓ Automated evaluation and student response
- ✓ Virtual networking for collaborative research
- ✓ e-library and e-journals
- ✓ Modeling & Simulation – oriented/VR laboratories

I – INFRASTRUCTURE and INDUSTRY- GOVERNMENT- ACADEMIA INTERFACE

(for world class infrastructure including laboratories)

- Industry-oriented free Electives to improve employability
- Create local University- industry clusters
- Get endowments, professorships and chairs
- Industry/Govt. sponsored research/pg programs
- Industry sponsored laboratories/Centres of Excellence
- Create a framework for joint IP development

F – FACULTY DEVELOPMENT AND IMPROVEMENT

(towards creating policy makers and change managers)

- Continuous QIP programs and industrial sabbaticals
- Attracting the best faculty from across the globe
- Making teaching a viable and attractive profession
- Competitive startup research packages and salaries
- Flexible compensation structure and aggressive reward system
- Staff and faculty development college in the University

K – KNOWLEDGE CREATION AND INNOVATION

(towards a society powered by knowledge)

- ✓ Encouraging Teamwork->expertise & knowledge
- ✓ Knowledge acquisition, codification and reuse
- ✓ Improve data warehousing/data mapping
- ✓ Increasing awareness of Intellectual Property and IPR
- ✓ Promoting patenting/legal services activities

E- Entrepreneurship & Excellence

(building an ecosystem of companies, VCs on campus)

- Helping to productize/commercialise ideas
- Encouraging technology transfers
- Promoting and nurturing start-ups
- Funding from VCs and Angels
- Incubating industry-on-campus
- Building Technology Parks

P- Post graduate programs (strengthening research output)

- Collaborating with foreign Universities for twinning/dual degree programs
- Attracting foreign students to campus
- Making research output a mandatory requirement for a pg degree
- Increasing number of interdisciplinary courses
- Setting up Centres of excellence
- Engaging with Alumni

Dual degree Master's programme

- **Manipal University, India in cooperation with Chemnitz University of Technology, Germany has signed a Memorandum of Understanding which sets out the inter-institutional arrangements for the development, establishment and management of a Master's Programme.**
- Students admitted to this dual degree programme in **Germany**, will be awarded M.Sc in Printing and Media Technology by Manipal University and M.Sc in Printing and Media Technology by Chemnitz University of Technology
- They will study their 1st, 3rd and 4th semesters in Chemnitz University of Technology and 2nd semester in Manipal University. Marks of the respective semesters (1st to 4th semesters) will be exchanged by both the Universities (as per the record of equivalence) to award the respective degrees.

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- Students admitted to this dual degree programme in **India**, will be awarded M.Tech in Printing and Media Technology by Manipal University and M.Sc in Printing and Media Technology by Chemnitz University of Technology.
- They will study their 1st and 2nd semester in Manipal University followed by 3rd and 4th semesters in Chemnitz University of Technology. Marks of the respective semesters (1st to 4th semesters) will be exchanged by both the Universities (as per the record of equivalence) to award the respective degrees to successfully completed students.

Technical University of Eindhoven

- The Department of Information and Communication Technology at MIT is offering a 2-year dual degree program in collaboration with Technical University of Eindhoven (Tu/e), Eindhoven, The Netherlands. The degrees offered are the M.Tech (Software Engineering) by Manipal University and M.Sc.(Computer Science) by Tu/e at the end of two years.
- Students undergo their first year of study (i.e. two semesters) at MIT and second year of study at Tu/e. This is a fully sponsored program with a scholarship fund of 23500 euros per student sponsored by Dutch industries and Tu/e scholarship Foundation.
- The scholarship covers entire tuition fees of both Universities, living expenses in both countries and one way travel expenses to Eindhoven.
- Started in the year 2006 and three batches of students have already passed out and few of them have taken up higher studies(Professional Doctorate and Ph.D) at Tu/e and many of them are working in industries in Netherlands. So far, 33 students have graduated from this program.
- Sponsoring industries are Philips, Capgemini, ASML, Oce Cordys.

Thank You