IIIP - 2025

UNIVERSITY PARTNER

RIT | Rochester Institute of Technology of Dubai

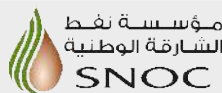جامعة روتشستر للتكنولوجيا – نيويورك، أمريكا

Rochester Institute of Technology, NY, USA

Immersion for University Students

Beyond the Classroom Prepare for the Future

INTERNATIONAL INNOVATIVE IMMERSION PROGRAM 2025

World-Class Immersion Program with Global Tech Exposure, Engineering Internships, AI, STEM, R&D, and Networking.

DUBAI · الشارقة Sharjah · مؤسسة نفط الشارقة الوطنية SNOC · Lamprell · DAMAC

AMAL FOUNDATIONS INDIA

About: AMAL FOUNDATIONS INDIA is a leading Educational Trust committed to empowering communities through education, skill development, healthcare, and environmental initiatives. With a strong focus on innovation and sustainability, we collaborate globally to drive impactful change. As a key partner in TELFI's STEM-based International Innovative Immersion Program (IIIP) 2025, we aim to foster knowledge exchange, leadership, innovation, and transformative learning experiences for students and professionals worldwide.

TECH-LEADERS FORUM OF INDIA
EMPOWERING ENGINEERS

» **Premium Skill Building Process**
» **Empowering the Enriched Environment**
» **Fostering Global Networking Opportunities**
» **Enlightening the Innovative Global Research**

TELFI (Tech-Leaders Forum of India) is an initiative of **AMAL FOUNDATIONS INDIA,** dedicated to empowering engineers, academicians, and students by providing global exposure through innovation-driven programs. A STEM-based International Innovative Immersion Program (IIIP) 2025 – Dubai offers a unique blend of cultural university workshops, industry internships, expert interactions, and experiences to enhance technical knowledge and professional growth. This initiative fosters cross-border collaboration, hands-on learning, and industry-academic partnerships, shaping the next generation of global tech leaders.

Exclusive SignUp

Vision: TELFI's Vision is to foster a leading potency for determining the future of technology globally. We strive to enrich India to be a global spindle for technological advancements, sustainable solutions and a supportive environment where engineers thrive and innovate that benefits our communities and industries.

Mission: TELFI's Mission is to create a collaborative ecosystem and to empower engineers where technology leaders can share knowledge, drive innovation and skill development, address the global challenges, and networking opportunities, and contribute to community development in sight of the technological industry.

RIT Dubai
Partnership SignUp

IIIP - 2025

INTERNATIONAL INNOVATIVE IMMERSION PROGRAM

Delivered in collaboration with RIT Dubai

Bridging Theory & Practice – Provides hands-on exposure to global innovation ecosystems, bridging the gap between academic knowledge and real-world application.

Focus on Emerging Technologies & Sustainability – Covers Innovation, IoT, AI, Sustainability, International Trade, Net Zero, ESG, Climate change, and more.

Target Audience – Designed for graduate students (Engineering, Science, Technology, Management & Mathematics), professionals, and organizations seeking global insights.

Skill & Leadership Development – Enhances research capabilities, leadership skills, and cross-cultural collaboration for impactful innovation.

Global Transformation Catalyst – Empowers individuals and organizations to drive sustainable change and innovation worldwide.

Duration
15 days, University Campus and Industrial Visits at International cities.

Pedagogy
Hands-on Technical Sessions & Real-Time Projects.

Who should apply?
Multi-Disciplinary University Students.

Certification
Obtain a Universally Recognized Certificate.

Level Up with the Future-Ready Curriculum

INSIGHTS OF DUBAI EDUCATION SYSTEM

Dubai's education system has undergone significant transformation over the past few decades, evolving into a world-class hub for learning and innovation. As part of the United Arab Emirates (UAE), Dubai has prioritized education as a key driver of its economic and social development. The city's education system is characterized by its diversity, quality, and forward-thinking approach, catering to both local Emirati students and a large expatriate population.

IIIP2025 — Diverse Education System

Dubai offers a diverse range of educational institutions, including public schools, private schools, and international schools. The Knowledge and Human Development Authority (KHDA) regulates the private education sector, ensuring high standards across the board.

IIIP2025 — International Curriculum

Many schools in Dubai offer international curricula such as the British (IGCSE, A-Levels), American, International Baccalaureate (IB), and Indian (CBSE, ICSE) systems. This diversity allows parents to choose an educational pathway that aligns with their cultural and academic preferences.

IIIP2025 — High-Quality Education

Private schools dominate the education sector in Dubai, catering to the expatriate community, which makes up a significant portion of the population. These schools often boast state-of-the-art facilities, highly qualified teachers & a wide range of extracurricular activities.

IIIP2025 — Innovation and Technology

Dubai integrates technology into education like smart classrooms, e-learning platforms & the application of AI. The Dubai Future Foundation & other governmental bodies are actively promoting STEM (Science, Technology, Engineering , Management & Mathematics) education to prepare students for future job markets.

DUBAI INTERNATIONAL ACADEMIC CITY

ORIGIN OF RIT DUBAI

Established in 2008, RIT Dubai is a not-for-profit global campus of the esteemed Rochester Institute of Technology in New York, one of the world's leading technology-focused universities with more than 185 years of history. RIT Dubai offers highly valued Bachelor's and Master's degrees in Business and Leadership, Engineering, Computing, Psychology and New Media Design. The curriculum provides students with relevant work experience through an innovative cooperative education program that helps students stand out in today's highly competitive job market. RIT Dubai offers American degrees, and all of RIT's programs are UAE Ministry accredited.

RIT Dubai was established to provide world-class university programs in the United Arab Emirates for students and professionals from the Middle East, North America, Africa, and Southeast Asia. The campus is strategically located in the heart of Dubai Silicon Oasis, one of the world's leading centers of advanced electronic innovation and design. RIT Dubai offers 10 undergraduate (Bachelor) and 8 graduate (Master) programs.

The RIT Dubai campus is strategically located in the heart of Dubai Silicon Oasis, one of the world's leading centers of advanced electronic innovation and design. RIT is offering students, staff, and faculty access to a local and regional pool of technical and engineering talent, business plan sponsorship, project/R&D assistance, and mentorship programs.

GOALS AND OBJECTIVES

Commitment to
Academic Excellence

Research Innovation
with an impact

Building an integrated
campus community.

Community engagment

Enriched student life

Educational Technology

Access and learn from
DISTINGUISHED FACULTY MEMBERS

Sanjay Modak
ICT and economics expert skilled in business growth, strategy, and turnaround management. Led major telecom ventures across Asia Pacific, driving profitability and market expansion. Currently mentoring SMEs and teaching economics at RIT Dubai.

Prof. Ghalib Kahwaji
A mechanical engineer and sustainability expert driving energy solutions at RIT Dubai. He specializes in system design, project management, and sustainable engineering. His work bridges academia and industry for innovative energy advancements.

Dr. Samiullah khan
A visionary leader with 30+ years in energy and automotive sectors, driving innovation and sustainability. As COO of Fakhruddin – ECS, he specializes in energy management and carbon capture. Passionate about climate action, he mentors startups in net zero and digital transformation.

Ozcan Saritas
A globally recognized expert in foresight and future studies, leading research at RIT Dubai. He specializes in innovation, strategy, and policy development. As Editor-in-Chief of Foresight, he collaborates with global organizations on long-term strategies.

Namal Siddiqui
A literary curator, writer, and poetess specializing in spoken word and content creation. She blends storytelling with brand strategy and has spoken at the Emirates Airline Festival of Literature 2025. Affiliated with RIT Dubai, she inspires through literature and cultural events.

Mustafa Al Hariri
Career services director at RIT Dubai, dedicated to mentoring, career growth, and professional development. Over 30 years of experience in business development, leadership, strategic planning, and quality management. Certified karate coach and former UAE champion.

Jinane Mounsef Biri
An AI and machine learning expert with 15+ years of research and 20+ years in teaching Electrical Engineering. She leads AI projects, connects academia with industry, and actively contributes to global conferences and professional groups.

Fostering curiosity driving and inventive thinking.

Innovate, Immerse, Inspire
STEM Program

Why Pursue IIIP?

A STEM-based International Innovative Immersion Program 2025 offers a transformative opportunity to explore cutting-edge science, technology, engineering, and mathematics on a global scale. IIIP equips participants with the knowledge, tools, and network to excel in the evolving STEM landscape and drive global progress.

Understand global challenges and excel in diverse, multicultural skills teams.

Build in practical and use theory to tackle complex problems, readying for future STEM breakthroughs.

Enhance your academic and professional profile with confidence, leadership, and a global perspective, unlocking scholarships, internships, and career opportunities.

Why We Need?

A STEM-based International Innovative Immersion Programme 2025 is a necessity, not a luxury. It tackles global challenges, promotes inclusivity, drives innovation, and prepares communities for the future. Investing in it builds a sustainable, equitable world powered by STEM progress.

The program connects students, educators, and professionals globally to collaborate on innovative solutions, fostering global unity.

The program fosters creativity and empowers participants to innovate through hands-on, problem-based learning.

The program motivates youth to pursue STEM careers, preparing them as leaders. It focuses on sustainable technologies, encourages entrepreneurship, and supports practices benefiting people and the planet.

OBJECTIVES

Inspire Innovation
Encourage creative, problem-solving, innovative thinking and STEM-driven solutions to real-world global challenges.

Fostering Collaboration
Build cross-cultural teamwork and communication skills among international IIIP participants.

Develop Professional Skills
Equip participants with the ability to design and present feasible, impactful proposals, prototyping, and presentation skills.

Address Global Challenges
Focus on solving real-world problems aligned with the UN Sustainable Development Goals (SDGs).

Create Impact
Produce actionable proposals with the potential for real-world implementation.

I I I P

SCOPE

This IIIP – 2025 is designed to be intensive yet engaging, ensuring participants gain both theoretical knowledge and practical skills in a short timeframe about Innovative Global STEM solutions. It can be adapted for various educational levels and regional contexts, making it a versatile and impactful program for international audiences.

#IIIP

2025

KEY FEATURES

Hands-On Learning
Emphasis on prototyping, experimentation, and practical application of STEM concepts.

Cross-Cultural Collaboration
Teams composed of participants from diverse backgrounds to encourage global perspectives.

Mentorship
Guidance from STEM professionals and educators throughout the program.

Real-World Relevance
Focus on cutting-edge technologies such as Artificial Intelligence, Cybersecurity, IoT, and Business Analytics.

Interactive Format
A dynamic blend of workshops, team activities, UAE explorations & presentations ensures an engaging experience for participants.

OUTCOME

Upon completing the 15 Days program, participants will develop an innovative STEM proposal, gain hands-on experience in research & prototyping, enhance teamwork & communication skills, and connect with peers & mentors worldwide. They will depart with the confidence & expertise to drive STEM innovation in their communities.

Benefits of
Immersion Programs

TELFI Immersion Program is designed to provide participants with a comprehensive international learning experience, combining academic, professional, Industry and cultural exposure. The key outcomes and benefits:

Academic & Skill Development
Hands-on Learning: Exposure to cutting-edge technologies, industry best practices, and global academic methodologies. Industry-Driven Curriculum: Aligned with Industry 4.0, sustainability, AI, and digital transformation trends. Collaborative Research: Opportunity to work with experts from top universities and research institutions in Dubai.

Professional Growth & Career Advancement
Global Networking: Interaction with leading professionals, entrepreneurs, and researchers from diverse fields. Internship & Job Opportunities: Potential for internships or job placements in Dubai's innovation ecosystem. Leadership & Entrepreneurship Skills: Training on business strategies, innovation, and start-up incubation.

Cross-Cultural Exposure & Global Engagement:
Immersive Cultural Experience: Visits to landmark institutions, industries, and cultural sites in Dubai. Understanding International Business & Markets: Exposure to global trade, economy, and business regulations. Enhanced Communication & Soft Skills: Interaction with multicultural teams to improve interpersonal skills.

Institutional Collaborations & Certifications
MoUs & Partnerships: Strengthened ties between TELFI, UAE institutions, and global universities. Certifications & Recognition: Participants receive globally recognized certifications from reputed organizations. Pathway to Higher Education: Guidance on international study programs, scholarships, and research grants.

Sustainable & Future-Oriented Impact Focus on UN SDGs:
Learning how sustainability is implemented in Dubai's smart city and green economy projects. Technological Advancements: Exposure to AI, IoT, blockchain, and robotics in smart city developments. Future Ready Professionals: Participants will gain skills that make them competitive in global job markets. This program is a stepping stone for students, professionals, and academicians aiming to expand their global footprint and career prospects.

Unlock Global Opportunities with IIIP 2025 – Dubai

Organized by TELFI (Tech-Leaders Forum of India), IIIP 2025 provides Indian students with global exposure, industry experience, and international career opportunities. This 15-day program bridges academic learning with real-world industry needs, preparing students for global placements.

Why Should Students Attend IIIP 2025?

International Placement & Career Opportunities
Exposure to top global companies and networking with industry leaders. Internships and training programs to boost employability. Exclusive recruitment drives with multinational corporations.

Global Industry Exposure
Six-day internships with leading firms in AI, Smart Cities, Renewable Energy, and more. Hands-on mentorship from industry experts and visits to key business hubs like Dubai Silicon Oasis.

University Collaborations & Certification
Five-day workshops at top Dubai universities, engaging with faculty and researchers. Internationally recognized certifications from TELFI and partner institutions.

Transformational Learning & Skill Development
Hands-on learning in AI, IoT, Blockchain, and Digital Transformation. Leadership and entrepreneurship workshops for career advancement.

The Benefits of IIIP 2025 for Colleges and Universities

Enhanced Institutional Reputation
Strengthens global academic and industry partnerships. Adds value to NAAC, NBA, and international accreditation rankings. Demonstrates a commitment to internationalization and skill development.

Industry Tie-ups & Placements
Creates MoUs with global companies for student placements. Boosts campus recruitment with international recruiters. Enhances appeal to students seeking global exposure.

Faculty Development & Research Collaboration
Opportunities for faculty to engage in research with global universities. Collaboration with thought leaders to enhance academic excellence. Potential for joint research and student exchange programs.

Program Structure

WEEK 1

Problem Identification, Skill Building, and Ideation

01 Orientation and Introduction to Global Challenges
Day 01

02 Introduction to Global Challenges and STEM Innovation
Day 02

03 Design Thinking and Problem-Solving Frameworks
Day 03

04 Emerging Technologies and Tools
Day 04

05 Research and Data Analysis
Day 05

06 Ideation and Initial Proposal Outline
Day 06

Program Structure

WEEK 2
Proposal Development, Refinement and Presentation

07 Prototyping and Feasibility Testing
Day 07

08 Proposal Writing and Storytelling
Day 08

09 Ethical Considerations and Impact Assessment
Day 09

10 Presentation Skills and Visual Communication
Day 10

11 Final Presentations and Closing Ceremony
Day 11

12&13 Industry Visits, Cultural & Historical Tours
Day 12 & 13

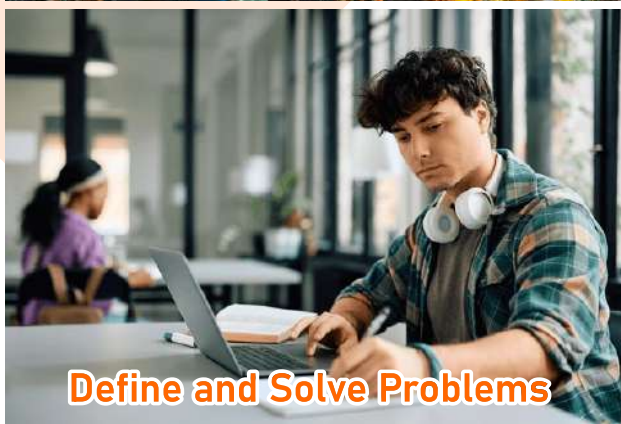**14** Conference Participation – Academic & Industrial Conference
Day 14

15 Free Time & Shopping, Departure & Return Check-Out & Flight Back to Chennai Day 15

TRANSFORMATIVE INSIGHTS

Live Dubai Life

Define and Solve Problems

Teamwork and Collabration

Exposure to adapt to Global Cities, Cultures, Cuisines and People

EDUCATING THE FUTURE
FOR TODAY'S YOUNG MINDS

Focused Learning on Future Skills

Building Confidence

Professional Communication

Teamwork, collaboration and practical experience

UAE Attractions

Dubai Miracle Garden

Future Museum

Dubai Mall

Burj Khalifa

Louvre Museum

Burj Al Arab

Dubai Mall Aquarium

Dubai Palm Atlantis

Dubai Frame

Ain Dubai

City of Future – Masdar City

Expo City

Dubai Marina

Ski Dubai

Dubai Motor City

Ferrari World

The Palm Jumeirah

Abu Dhabi

Sheikh Zayed Grand Mosque

Drone Taxi – Dubai

Dubai

Dubai

Sky Dubai

Global Village

Case Study - 1

Artificial Intelligence & Machine Learning for Innovation and Real-World Applications

This case study explores how AI and ML can drive innovation and solve real-world challenges in healthcare, business, sustainability, and smart cities. RIT Dubai's International Innovative Immersion Program provides a platform for students to apply these technologies, fostering practical skills and transformative solutions.

Key Challenges & AI Solutions

Healthcare – Early Disease Detection
Solution : ML models analyze patient data; deep learning detects abnormalities in medical images. **Outcome** : Improved patient care and reduced healthcare costs.

Business – Customer Sentiment Analysis
Solution: NLP analyzes customer feedback to classify sentiments.
Outcome: Enhanced customer satisfaction and data-driven decision-making.

Sustainability – Waste Management Optimization
Solution: AI-powered smart bins, ML-based route optimization, and computer vision for recycling.
Outcome: Reduced waste management costs and increased recycling rates.

Smart Cities – Traffic Management
Solution: AI-driven traffic prediction & ML-based signal optimization.
Outcome: Reduced congestion, fuel consumption, and carbon emissions.

Implementation Plan

- ◉ **Data Collection:** Partner with industry stakeholders and use IoT devices for real-time insights.
- ◉ **Model Development:** Train and validate ML models for accuracy and reliability.
- ◉ **Prototype Development:** Build and test solutions in controlled environments.
- ◉ **Deployment & Scaling:** Implement successful models and optimize through feedback.

Impact & Future Outlook

AI and ML have the potential to revolutionize industries, and RIT Dubai's program positions itself as a leader in AI-driven innovation. By collaborating with stakeholders and promoting ethical AI, the program can contribute to Dubai's vision of becoming a global technology hub.

Innovation for Real-World Challenges

RIT Dubai's International Innovative Immersion Program empowers students to develop groundbreaking solutions for healthcare, sustainability, education, urban development, and food security. By leveraging AI, IoT, blockchain, and 3D printing, the program fosters innovation that drives real-world impact.

Key Challenges & AI Solutions

Healthcare AI-Powered Telemedicine
Solution: AI-driven mobile apps provide remote consultations and diagnoses. Outcome: Improved healthcare access for rural communities.

Education AI-Personalized Learning
Solution: Adaptive learning platforms tailor lessons to individual student needs. Outcome: Enhanced learning outcomes for underserved communities.

Sustainability Solar-Powered Water Purification
Solution: A portable device purifies water using solar energy. Outcome: Clean drinking water for arid regions.

Urban Development Smart Traffic Management
Solution: AI and IoT optimize traffic flow in real time. Outcome: Reduced congestion and lower carbon emissions.

Food Security AI-Driven Crop Monitoring
Solution: AI-powered drones detect crop diseases early. Outcome: Increased agricultural productivity and reduced food waste.

Implementation Plan

◉ **Problem Identification :** Work with stakeholders to define key challenges.
◉ **Ideation & Design :** Apply design thinking and emerging technologies.
◉ **Prototype Development :** Build and test AI, IoT, and 3D-printed solutions.
◉ **Scaling & Deployment :** Partner with industries and NGOs to implement solutions.

Impact & Future Outlook

By bridging technology and real-world problem-solving, RIT Dubai's program empowers future innovators to create a more sustainable, connected, and equitable world. The initiative fosters collaboration between academia, industry, and government to drive lasting change.

With the Tech-Leaders Forum of India, involve in

Hands-On Learning: Bridging Academics and Real-World Challenges

TELFI Purpose?

We nurture compassionate leaders of tomorrow, empowering them and helping them with knowledge and skills to understand themselves, their surroundings and tackle real-world challenges.
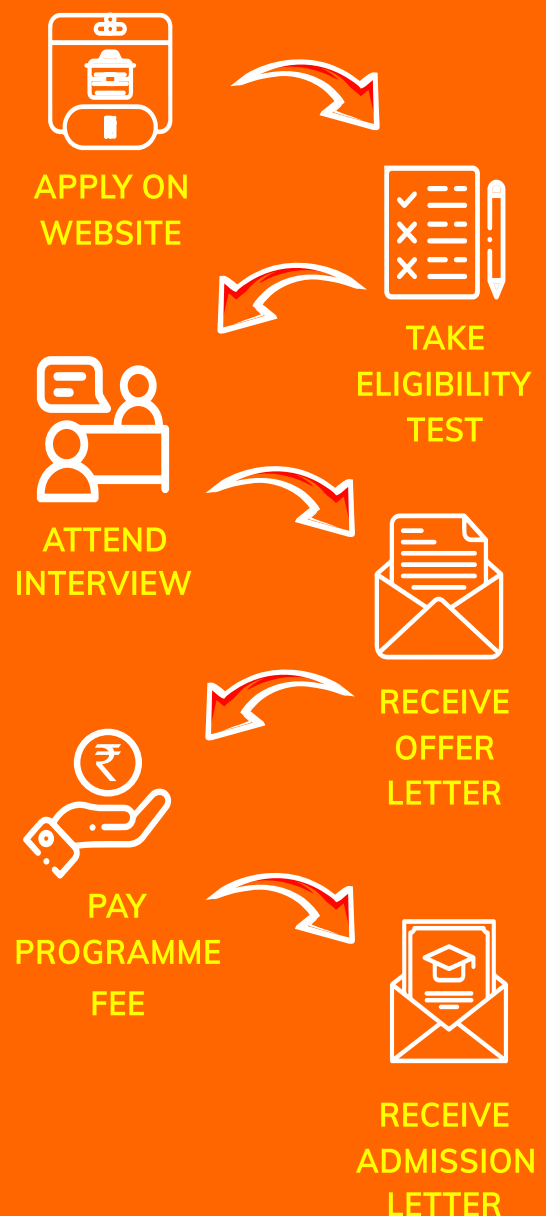
What TELFI Do?

Immersion is a journey of self-discovery—expanding your horizons, gaining deeper self-awareness, and uncovering your passions. This transformative experience fosters personal growth and provides clarity for your future path.

Internship Connect your passion, theoretical knowledge, and real-world application, offering a platform to apply skills in practical scenarios, develop prototypes, and create tangible products. This hands-on experience is invaluable, providing insight and expertise beyond the classroom.

Research is the foundation of innovation. It involves exploring first principles and critically assessing how existing products can be significantly enhanced. Beyond incremental improvements, it's about envisioning and developing impactful solutions to address pressing challenges for both people and the planet.

Together, Immersion , Internship and Research experiences create a transformative journey, equipping you to understand, navigate, and positively impact the world. By integrating knowledge, skills, and real-world application, this holistic innovate and approach empowers you to lead with purpose, leaving a lasting mark on society and the environment.

How To Apply?

TELFI - IIIP DUBAI

APPLY ON WEBSITE

TAKE ELIGIBILITY TEST

ATTEND INTERVIEW

RECEIVE OFFER LETTER

PAY PROGRAMME FEE

RECEIVE ADMISSION LETTER

Elevating Excellence to Greater Heights!

Embark on a transformative learning journey inspired by the 'TELFI's' 9E Philosophy, where lifelong learning meets real-world challenges. Our programs are designed to shape you into critical thinkers, problem solvers, and independent decision-makers, ready to excel in a global landscape. Through immersive experiences, you engage with diverse cultures, tackle real-world challenges via internships, and explore global issues through in-depth research.

Applied Experimental Learning
INTERNATIONAL INNOVATIVE IMMERSION PROGRAM (IIIP)

For Under / Post Graduate
University Students : 15 Days
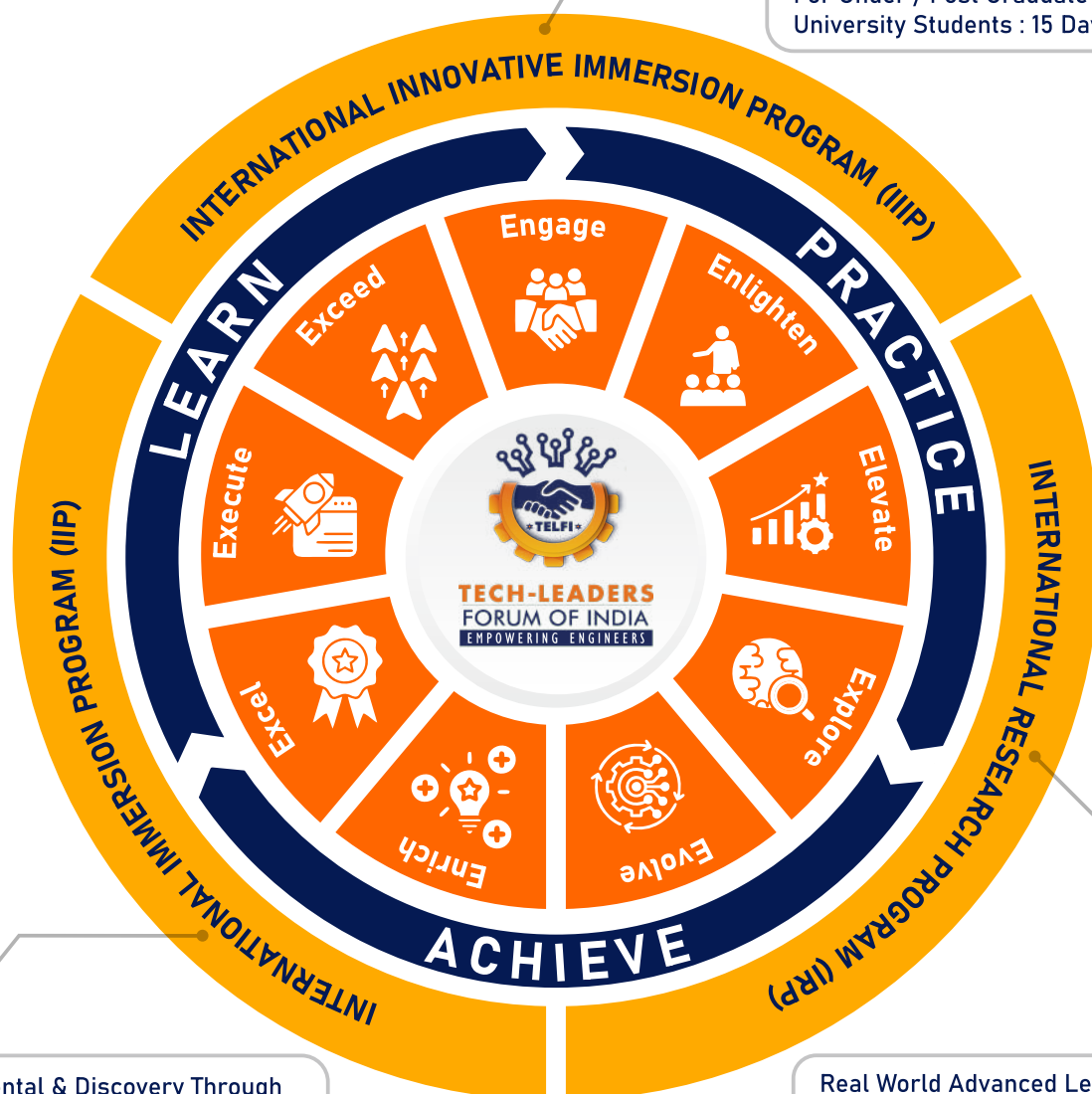
Experimental & Discovery Through
INTERNATIONAL INTERNSHIP PROGRAM (IIP)

For Under / Post Graduate
University Students

Real World Advanced Learning
INTERNATIONAL RESEARCH PROGRAM (IRP)

For PG Scholars & Researchers

Wheel labels: INTERNATIONAL INNOVATIVE IMMERSION PROGRAM (IIIP), INTERNATIONAL RESEARCH PROGRAM (IRP), INTERNATIONAL INTERNSHIP IMMERSION PROGRAM (IIP)

LEARN · PRACTICE · ACHIEVE

Engage · Enlighten · Elevate · Explore · Evolve · Enrich · Excel · Execute · Exceed

TECH-LEADERS FORUM OF INDIA · EMPOWERING ENGINEERS

"Whatever your journey—corporate career, top universities, or academic research—we are here to help you engage, elevate, excel, and exceed!"

VISION **TO** MISSION **TO** ACTION

> **Fuel your passion and make a lasting impact on the world for the betterment of humanity.**

Why TELFI Exist?

Our approach integrates the 4-stage pedagogy with our 9E philosophy, ensuring participants achieve goals while making a meaningful impact on society and the environment. This comprehensive approach equips learners with the knowledge, skills, and mindset needed for lifelong success and positive impact.

| Conceptual training with our top Global Partner(s) | 1:1 Mentoring with Certified Experts | Individual/Team Assessment (Assignments and Quiz) | Real-world Internship/Research Project (Team projects and Presentation) | Certificate, Transcript and Letter of Recommendation (LoR) from our Global Partner(s) |

The Importance of LoR

The Letter of Recommendation (LoR) with a LinkedIn Recommendation provides a formal LoR along with a credible and powerful third-party endorsement. These are invaluable for career growth, networking, and professional and academic credibility. Investing in strong recommendations can make a decisive difference in achieving success.

Innovative Curriculum

Selective and Elite Participants

Real World Experience

Scholarship Success

Learn with Top-Tier

Global Partners

Engage in hands-on learning, explore diverse cultures, and navigate dynamic business landscapes across the leading global cities and top universities. Gain world-class training, mentorship, assessments, and certifications from esteemed partners.

RIT | Rochester Institute of Technology of Dubai

Coventry University
----- United Kingdom -----

UNIVERSITY OF BIRMINGHAM DUBAI

RIT | Rochester Institute of Technology
New York, USA

UNIVERSITY OF SASKATCHEWAN
------- CANADA -------

aws

Move From
Better to Best

Grounded in a blend of tradition and innovation, our programs integrate ancient wisdom with modern methodologies tailored for today's dynamic professional landscape. As your mentor, guide, and catalyst for impact, we illuminate the path, to unlocking your full potential. With a strong focus on empathetic leadership and a global perspective, Tech-Leaders Forum of India equips students with the skills, mindset, and support needed to thrive academically and beyond.

" Join us on this transformative journey and take the leap from #BettertoBest "

TELFI

TECH-LEADERS FORUM OF INDIA
EMPOWERING ENGINEERS

www.telfi.org