



अर्किओन
INTERNATIONAL INSTITUTE
OF MEDICAL SCIENCE &
TECHNOLOGY COUNCIL

***“DIAMOND BENEATH YOUR FEET”
A Pathway to life.....***

***CENTER OF EXCELLENCE (COE)
PROPOSAL***

SUBMITTED BY

INTERNATIONAL INSTITUTE OF MEDICAL SCIENCE & TECHNOLOGY COUNCIL, India



CONCEPT NOTE: CENTRE OF EXCELLENCE (COE) INITIATIVES

3. International Institute of Medical Science & Technology Council:

The International Institute of Medical Science & Technology Council (IIMSTC) is a parastatal council focused on providing advanced medical and technology education to rural women and economically disadvantaged students in India. Also known as the AIIMS Technology Council, IIMSTC offers high-quality skill training to improve employability globally. Established under the Ministry of Corporate Affairs, Ministry of External Affairs, Ministry of Small & Medium Enterprises, and affiliated with NITI Aayog, Government of India, the council brings together medical practitioners, scientists, and technologists.

IIMSTC operates in line with the guidelines of the University Grants Commission (UGC) of India, the All India Council for Technical Education (AICTE), and the Quality Council of India (QCI), and Engineers Council of India.

As a leading Indian institution, IIMSTC focuses on providing top-notch management education and skill development programs. The council offers a comprehensive curriculum that combines academic excellence with practical training to prepare students for successful careers in various industries. IIMSTC emphasizes hands-on learning, case studies, and industry projects to enhance students' managerial, analytical, and leadership skills.

In addition to academic offerings, IIMSTC engages in capacity-building activities, research partnerships, and collaborations with industries to promote innovation and entrepreneurship. Its goal is to address the skills gap in the Indian workforce by equipping learners with the necessary competencies to meet the changing demands of the market. Through its diverse programs, IIMSTC empowers individuals to excel in their careers and contribute positively to organizational and societal growth.

IIMSTC actively partners with industry leaders, start-ups, and academic institutions worldwide to drive research, innovation, and advocate for policies in technology fields. Its interdisciplinary approach ensures that participants acquire technical expertise and strategic management skills. The council's programs enable individuals and organizations to lead innovation responsibly and effectively in today's rapidly evolving technological landscape.



Vision

The Centre of Excellence (CoE) will serve as a transformative hub for innovation, global collaboration, and quality enhancement in higher education. It will integrate advanced technology labs, international partnerships, and scholarship facilitation to empower students and faculty with world-class opportunities.

Key Initiatives

1. Advanced Technology Labs

- **EV & Drone Labs:** Facilities for prototyping, testing, and skill development in electric mobility and aerial technologies.
- **Virtual Reality Labs:** Immersive environments for simulation, design, and experiential learning across disciplines.
- **Revenue Sharing Model:** Institutions provide space and access, while industry partners contribute technology and expertise, with profits shared equitably.
- **Expert Management:** Scientists and specialists oversee research, training, and operational activities.

2. Scholarship & Grant Facilitation

- **Government Scholarships:** Scholarships and grants offered by Central and State Governments will be broadcasted to students of the institution.
- **Information Dissemination:** Updates shared via institutional channels such as notice boards, digital platforms, and interactive sessions.
- **Guidance Hub:** The CoE will mentor students in applying for scholarships from universities and government bodies.

3. Global University Collaborations

- **Top-Ranked Universities:** Partnerships with foreign universities ranked within the top 1–500 globally.
- **Direct Access:** Students will secure interviews directly with partner universities, eliminating dependence on exploitative agencies.



- **Scholarship Guidance:** Support in applying for scholarships offered by universities and respective state governments.
- **Mentorship Role:** The CoE will guide students in interactions with government organizations.

4. Academic & Research Partnerships

- **Collaborations with at least two global universities** to strengthen academic and research networks.
- **Internship Opportunities:** Structured internships with partner institutions and industries.
- **Faculty Development Programs:** Training, workshops, and collaborative research for faculty.
- **Student Exchange Programs:** Opportunities for students to study abroad and broaden perspectives.
- **Twinning Programs:** Joint degree or credit-transfer programs integrating global curricula with local learning.
- **Quality Enhancement:** Comprehensive initiatives to uplift institutional standards and prepare students for global competitiveness.

Impact

- Empower students with global exposure and advanced skillsets.
- Enhance faculty capabilities through international collaboration.
- Establish the institution as a hub of innovation and ethical academic practices.
- Democratize access to scholarships and global opportunities.

5. Accounting & General Professional Programs for commerce students, Early-career professionals, and finance specialists.

These include:

- a) **ACCA UK Program** – in collaboration with ACCA UK, providing globally benchmarked accounting and finance skills.
- b) **Fin AI for Accounting Professionals-** The program bridges traditional financial acumen with modern analytical tools, empowering participants to transform raw financial data into actionable business intelligence and predictive



insights. It emphasizes AI literacy, automation, and governance, ensuring participants can operate confidently in technology-driven financial ecosystems.

c) PORT Program – in partnership with IFSPD Europe, offering professional orientation and skill-building for career readiness and Build Global Digital Portfolio, PORT ensures that every student's learning and impact from GRIP is visible, verifiable, and valued globally.

d) Global Research & Internship Program (GRIP) – also with IFSPD Europe, combining research training and applied internship experience to develop global competencies. The course duration is four months.

e) “Pathway to Life” Industry Readiness program

An AI-Powered Career Readiness Platform was established by distinguished former technologists and professionals from Microsoft, Azure Cloud and other industry giants to bridge the gap between learning and industry readiness.

The Career Readiness Program (CRP) is powered by Microsoft & Azure Cloud and led by Global Industry Leaders, supported by the Government of India, Start-up & Digital Economy Mission

f) Setting up EV & Drone Labs, Virtual Reality Labs

The initiative focuses on establishing Electric Vehicle (EV) & Drone Labs alongside Virtual Reality (VR) Labs under a revenue-sharing model. These labs are designed as collaborative innovation hubs where institutions and industry partners co-invest in infrastructure and share generated revenues. To ensure quality and sustainability, the labs will be staffed with domain experts, scientists, and technologists who will oversee research, training, and operational activities.

g) Scholarships/grants offered by central & state Governments

Scholarships and grants offered by the Central and State Governments will be systematically broadcasted to the students of the institution that establishes the Centre of Excellence (CoE). This initiative ensures that learners are continuously informed about available financial support opportunities, enabling them to pursue advanced education, research, and skill development without financial barriers.



6. Foreign University collaborations,

The Centre of Excellence (CoE) will establish strong collaborations with foreign universities ranked within the top 1–500 globally, creating direct pathways for students to engage with these institutions. Students will be given the opportunity to secure interviews directly with partner universities, thereby eliminating dependence on exploitative agencies operating in India.

Key highlights:

Global Collaborations: Partnerships with highly ranked international universities to provide world-class exposure.

Direct Access: Students can attend interviews and admission processes directly with foreign universities.

Scholarship Guidance: Support in applying for scholarships offered by universities and respective state governments.

Mentorship Role: The CoE will act as a mentor, guiding students in interactions with government organizations and ensuring transparency in the process.

Ethical Safeguard: Protects students from fraudulent practices and ensures fair access to global opportunities.

This positions the CoE not just as an academic hub, but as a trusted bridge between students, governments, and global institutions.

7. Cambridge University certified English learning

The Cambridge English certification offered through IIMSTC provides internationally recognized qualifications that validate English proficiency for academic and professional purposes. These certifications, aligned with the CEFR framework, are trusted by universities and employers worldwide, making them valuable for students preparing for higher education or global careers.

Cambridge English Certification at IIMSTC: Delivered in collaboration with Cambridge Assessment English, these programs help learners demonstrate their English skills for higher education and employment.

Levels Offered: Typically range from **B2 First**, **C1 Advanced**, to **C2 Proficiency**, covering upper-intermediate to near-native English ability.



- **Recognition:** Accepted by thousands of universities and institutions globally, including in the UK, US, Canada, Australia, and Europe.
- **Key Benefits for Students**
 - **University Admissions:** Meets English language entry requirements for higher education institutions.
 - **Academic Preparedness:** Focuses on reading, writing, listening, and speaking skills needed for lectures, seminars, and research.
 - **Career Advancement:** Employers worldwide recognize Cambridge English as proof of communication skills.
 - **Flexibility:** Exams can be taken in paper-based or computer-based formats, with modular options like *Linguaskill* for quick certification.

Comparison with Other Certifications

Certification	Focus	Recognition	Typical Use
Cambridge English (via IIMSTC)	Academic + professional English	Global universities & employers	Admissions, career readiness
IELTS	Academic/General English	Widely accepted for visas & study	Immigration, study abroad
TOEFL	Academic English	US universities primarily	Study abroad (esp. USA)
Linguaskill (Cambridge)	Fast, modular testing	Universities & companies	Quick certification, recruitment

Considerations

- **Preparation Required:** Students must invest time in structured study to succeed.
- **Costs:** Exam fees vary depending on level and format.
- **Institutional Adoption:** Recognition depends on whether the target university lists Cambridge English among accepted qualifications.

In essence, IIMSTC's Cambridge English certification equips students with a globally trusted credential that strengthens both academic and professional pathway.



8. SUPPORT FOR INTERNATIONAL RANKINGS

The structured initiatives that help universities and higher education institutions improve their visibility, performance, and credibility in globally recognized ranking systems such as QS World University Rankings, Times Higher Education (THE), and Academic Ranking of World Universities (ARWU).

Key Elements of Support

- **Data Management & Reporting**

Institutions receive guidance on collecting, validating, and submitting accurate data to ranking agencies.

- **Research & Publication Enhancement**

Focus on increasing high-quality, peer-reviewed publications and citations to strengthen research impact scores.

- **International Collaboration**

Encouraging partnerships, faculty exchange, and student mobility to boost global reputation indicators.

- **Faculty Development**

Training and recruitment strategies to attract internationally recognized scholars and improve teaching quality.

- **Student Outcomes**

Tracking graduate employability and alumni success, which are often part of ranking metrics.

- **Branding & Visibility**

Strategic communication to highlight achievements, innovation, and global engagement.

Why It Matters

- **Global Recognition:** Higher rankings enhance institutional prestige and attract international students.
- **Funding & Partnerships:** Strong rankings often lead to more research grants and collaborations.
- **Talent Attraction:** Helps recruit top faculty, researchers, and students worldwide.
- **Policy Influence:** Governments and accreditation bodies often use rankings as benchmarks for support and regulation.



In essence, support for international rankings equips universities with the tools, strategies, and visibility needed to compete on the global stage, while ensuring their academic and research strengths are recognized internationally.

4. Key Areas of Collaboration

The **IIMSTC, ACCA UK, Cambridge University, Tamilnadu Apex Skill Development Corporation, International consortium of Universities, Australia and Germany, state and central governments and IFSPD Europe** collaboration encompasses a structured suite of international programs designed to empower healthcare professionals, students, and institutions with globally benchmarked competencies.

These joint initiatives will focus on:

- i. **Skill Development and Professional Training:** Short-term and long-term certification courses in healthcare technology, biomedical sciences, and global leadership aligned with UN and World Bank development priorities.
- ii. **Internships, Fellowships, and Exchange Programs:** Cross-border learning opportunities for students, researchers, and practitioners to promote intercultural understanding and global cooperation.
- iii. **Institutional Accreditation and Quality Enhancement:** Establishment of benchmarking frameworks for medical and educational institutions, ensuring compliance with international quality and sustainability standards.
- iv. **Workshops, Seminars, and Research Collaborations:** Regular symposia on healthcare innovation, sustainability in medicine, and peace-oriented development led by academic and industry experts.
- v. **Leadership Development and Diplomacy Training:** Programs designed to strengthen institutional leadership, ethical governance, and cross-cultural communication among healthcare professionals and policymakers.
- vi. **Sustainability Certification and SDG Alignment:** Development of sustainability-oriented training and certification frameworks integrating healthcare delivery, public health management, and community development.



- vii. **Online Learning and Mentorship Platforms:** Deployment of e-learning modules, AI-based assessment systems, and mentorship networks to support continuous professional development worldwide.

Conclusion:

In a world where opportunity often hinges on privilege, the International Institute of Medical Science & Technology Council is rewriting the narrative—one student at a time. By investing generously and forging global alliances, the Council is not merely funding education; it is igniting futures. With world-class training, prestigious internships, portfolio platforms designed by Harvard and industry-readiness tools powered by Microsoft and Azure cloud offered at virtually no cost, this initiative becomes a beacon of hope for brilliant minds in underserved regions of India and South Africa. It is a testament to the power of visionary leadership and ethical innovation—where compassion meets excellence, and where the economically disadvantaged are not just included, but empowered to lead on the global stage. This is not charity; it is transformation. And it is only the beginning.

The CoE will act as a **gateway to international academic excellence**, ensuring that both faculty and students benefit from world-class exposure, cutting-edge technology, and transparent access to scholarships and collaborations
