PROPOSALS FOR ERASMUS+ COOPERATION

Assam down town University, India

Proposed Cooperation with Latvian Higher Education Institutions

Assam down town University (AdtU) proposes the following five strategic project concepts for consideration under relevant Erasmus+ cooperation opportunities. The projects are designed to establish meaningful Latvia–India–EU collaboration through curriculum innovation, digital transformation, institutional capacity building, research and innovation, mobility, and sustainable development.

1. AI4TRANSFORM

Artificial Intelligence for Institutional Transformation, Governance, Quality Assurance and Student Success

Project Theme: Artificial Intelligence | Digital Transformation | Governance | Quality Assurance

Rationale

Artificial Intelligence is transforming higher education, but institutions require appropriate frameworks for responsible AI adoption across governance, academic delivery, quality assurance, student services and institutional decision-making.

AI4TRANSFORM proposes to develop a practical institutional transformation model through cooperation between European and Indian higher education institutions.

Key Objectives

- Develop an AI Readiness Framework for Higher Education Institutions.
- Strengthen AI competencies among academic and administrative staff.
- Explore AI applications in institutional governance and quality assurance.
- Develop AI-supported student success and academic advising models.
- Promote responsible, ethical and human-centred use of AI.
- Strengthen institutional capacity for digital transformation.

Proposed Activities

- Institutional AI-readiness assessment.
- Comparative study of European and Indian practices.
- Faculty and administrative staff training.
- AI-enabled QA and governance pilots.
- AI-supported student-success tools.
- Joint workshops and hackathons.
- Staff and student mobility.
- Development of institutional AI policy guidelines.

<u>Expected Results</u>

AI4TRANSFORM Institutional Framework | AI Competency Framework | AI Governance Guidelines | AI in Quality Assurance Toolkit | Student Success Model | Pilot Digital Solutions

Potential Latvian Partner Contribution

Latvian HEIs could contribute expertise in digital transformation, institutional governance, quality assurance, European higher-education practices and responsible AI.

2. AGRI-NOVA

Transforming Higher Education for Smart, Climate-Resilient and Sustainable Agriculture in South Asia

Project Theme: Agriculture | Climate Resilience | Green Transition | Digital Innovation

Rationale

Agriculture is being transformed by climate change, digital technologies, changing food systems and new sustainability requirements. Higher education must prepare graduates with the skills needed for climate-resilient and technology-enabled agriculture.

Key Objectives

- Modernise agricultural higher-education curricula.
- Integrate **AI, IoT, GIS, remote sensing and data analytics** into agricultural education.
- Develop climate-resilient agriculture competencies.
- Promote sustainable and resource-efficient agricultural practices.
- Strengthen university–industry–community collaboration.
- Develop entrepreneurship and innovation opportunities for agricultural students.

Proposed Activities

- Agriculture curriculum mapping.
- Smart-agriculture demonstration projects.
- Climate-resilience training.
- Digital agriculture laboratories.
- Student innovation challenges.
- Faculty development programmes.
- Industry and farmer engagement.
- International mobility and joint summer schools.

Expected Results

Smart Agriculture Curriculum Framework | Climate-Resilient Agriculture Toolkit | Digital Agriculture Modules | Innovation Hub | Industry–University Network | Student Entrepreneurship Programme

Potential Latvian Partner Contribution

Latvian institutions could contribute European expertise in sustainable agriculture, environmental technologies, green transition and agricultural innovation.

3. AI-HEAL

Artificial Intelligence for Healthcare Education, Adaptive Learning & Workforce Transformation

Project Theme: AI | Healthcare Education | Adaptive Learning | Future Workforce

Rationale

Healthcare professionals increasingly require digital, analytical and AI-related competencies. At the same time, higher education needs new approaches to personalised and adaptive learning.

AI-HEAL aims to develop a future-oriented healthcare education model combining AI, adaptive learning and workforce development.

Key Objectives

- Integrate AI competencies into healthcare education.
- Develop adaptive and personalised learning approaches.
- Strengthen digital competencies of healthcare educators.
- Develop AI-enabled learning resources and simulations.
- Improve employability and future-readiness of healthcare graduates.
- Strengthen collaboration between healthcare, technology and education sectors.

Proposed Activities

- Healthcare curriculum mapping.
- Development of AI-enabled learning modules.
- Adaptive-learning pilot programmes.
- Faculty digital-health training.
- Simulation-based learning.
- Healthcare innovation challenges.
- Industry and hospital engagement.
- International staff/student mobility.

Expected Results

AI-Healthcare Education Framework | Adaptive Learning Toolkit | Digital Health Competency Framework | AI Learning Modules | Healthcare Innovation Programme | Workforce Skills Framework

Potential Latvian Partner Contribution

Latvian HEIs could contribute expertise in healthcare education, digital learning, health innovation and European approaches to healthcare workforce development.

4. NURSE-DIGITAL

Digital Transformation of Nursing Education for Future-Ready Healthcare

Project Theme: Nursing | Digital Education | Simulation | Healthcare Workforce

Rationale

Nursing education is undergoing significant transformation due to digital health, simulation technologies, telehealth, AI and changing healthcare-delivery models.

NURSE-DIGITAL will focus specifically on transforming nursing education and preparing nurses for digitally enabled healthcare systems.

Key Objectives

- Modernise nursing curricula through digital technologies.
- Strengthen digital-health competencies among nursing students.
- Develop simulation-based and technology-enhanced learning.
- Train nursing faculty in innovative pedagogies.
- Develop digital clinical-learning resources.
- Improve nursing graduates' readiness for future healthcare environments.

Proposed Activities

- Nursing curriculum benchmarking.
- Digital nursing competency framework.
- Simulation-based teaching development.
- Virtual clinical-learning resources.
- Faculty training.
- Digital-health workshops.
- Student innovation challenges.
- Staff and student mobility.
- Nursing education–healthcare sector partnerships.

Expected Results

Digital Nursing Curriculum Framework | Digital Nursing Competency Framework | Simulation Toolkit | Virtual Learning Resources | Faculty Development Programme | Future Nurse Skills Framework

Potential Latvian Partner Contribution

Latvian nursing/health-science institutions could contribute expertise in nursing education, clinical training, simulation and European healthcare education practices.

5. DHARMA-DIGITAL

Digital Transformation of Buddhist Cultural Heritage, Education and Sustainable Tourism

Project Theme: Cultural Heritage | Digital Humanities | Education | Sustainable Tourism

Rationale

Buddhist cultural heritage represents an important historical and cultural connection across Asia. Digital technologies provide new opportunities for preservation, education, research and sustainable tourism.

DHARMA-DIGITAL proposes an interdisciplinary collaboration between higher education, cultural institutions, technology partners and tourism stakeholders.

Key Objectives

- Digitally document and preserve Buddhist cultural heritage.
- Develop digital learning resources on Buddhist heritage.
- Explore 3D/immersive technologies for heritage education.
- Promote interdisciplinary research in digital humanities.
- Develop sustainable cultural-tourism models.
- Connect European and Asian cultural-heritage ecosystems.

Proposed Activities

- Digital heritage mapping.
- Documentation and digitisation projects.
- Development of digital archives.
- Virtual exhibitions.
- Digital storytelling.
- Student interdisciplinary projects.
- Sustainable tourism innovation workshops.

- Cultural heritage mobility programmes.
- Collaboration with museums, cultural organisations and tourism stakeholders.

Expected Results

Digital Buddhist Heritage Repository | Digital Heritage Education Toolkit | Virtual Exhibition | Heritage Mapping Framework | Sustainable Tourism Model | International Cultural Heritage Network

Potential Latvian Partner Contribution

Latvian institutions could contribute expertise in cultural heritage, digital humanities, museums, tourism, creative technologies and European cultural-heritage practices.

Contact Details:
Mr. Karuna Kanta Borah,
Manager, Directorate of International Affairs
Assam down town University, Guwahati,
Assam, India - 781026
Email: dymanager_intaffairs@adtu.in
Mobile: +91 - 8448864208 | 9395761990