

## LEARNING AND STUDENTS

INRTU shapes its educational policy to prepare specialists capable of thriving in global partnerships. This is achieved by developing joint international degree programs, creating new educational formats with industry, and integrating entrepreneurial practice directly into the curriculum through strategic alliances.

### Strategic Academic Partnerships with Chinese Universities

INRTU has established [systematic collaboration](#) with leading technical universities in China. This partnership focuses on developing dual-degree programs and student exchanges, directly contributing to international knowledge sharing. A key example is the ongoing development of joint programs, including a Master's program in "Ecology and Green Technologies" with the Harbin Institute of Technology, aligning educational outcomes with global environmental goals.



### Co-Creation of Industry-Driven Professional Retraining Programs

In direct response to the digital transformation needs of the regional economy, INRTU [launched five new professional retraining programs](#) in 2024. These programs were developed and implemented



in partnership with key industrial stakeholders, ensuring the curriculum meets real-world market demands and provides "future-proof" skills in digital technologies.

### "Startup as a Diploma": Integrating Education, Industry, and Entrepreneurship

This flagship program embeds real-world innovation and business creation into the final qualification project. Students develop their startup ideas into viable business plans and prototypes with mentorship from both university staff and industrial partners. In 2024, 60 INRTU students successfully [graduated](#) via this track, demonstrating the program's effectiveness in fostering practical, partnership-based learning.



## RESEARCH

INRTU's research paradigm is fundamentally collaborative, leveraging partnerships to conduct large-scale strategic projects, host international forums, and execute cross-border scientific investigations that address complex, global challenges.

### Public-Private Partnership for Technological Sovereignty: Advanced Engineering School

With direct support from [the state corporation Rostech](#), INRTU established a cutting-edge Advanced Engineering School under the national "Priority 2030" program. This is a prime example of a strategic state-private-academic partnership aimed at accelerating technological development and training a new generation of engineers for high-tech industries.

### Hosting Global Dialogues: The BRICS Forum on AI and Education

INRTU served as an international platform for dialogue by [organizing a forum](#) on "Artificial Intelligence and the Future of Education in BRICS." This event brought together experts to discuss collaborative strategies, strengthening scientific diplomacy and creating a foundation for future

joint research and policy initiatives within the BRICS framework.



### International Archaeological Expedition with Mongolia

Scientists from INRTU's Department of Archaeology [launched a joint field research project](#) with colleagues from Mongolia to study the northern coast of Lake Khubsugul. This collaborative expedition focuses on shared cultural heritage, demonstrating how academic partnerships transcend borders to advance fundamental knowledge in the humanities and social sciences.



## PUBLIC ENGAGEMENT

INRTU actively engages with and contributes to society by leading regional environmental coalitions, fostering intercultural dialogue on campus, and supporting student-led social initiatives that receive external partnership backing.

### Celebrating Cultural Diversity: Africa Day at INRTU

The University annually organizes "Africa Day,"



featured a national costume show, Arabic calligraphy workshops, and body art. These events are organized by and for the international student community, promoting mutual understanding, cultural exchange, and social integration within the university, turning the campus into a microcosm of global partnership.

### Supporting Student-Led Social Projects with External Grants

The university fosters a culture of social responsibility by supporting student initiatives that attract external partnership funding. For example, the student union project "My Land – My Siberia" [received official support](#) and funding from the Government of Irkutsk Region and the Civic Chamber of the Russian Federation, demonstrating how internal university initiatives can evolve into broader socially oriented partnerships.

## OPERATIONS

INRTU integrates the principles of partnership into its core operations by creating dedicated infrastructure for innovation, streamlining university-industry interaction for employment, and cultivating a corporate culture that values social initiatives.

### Dedicated Partnership Hub: the INRTU Startup Studio

INRTU established a dedicated [Startup Studio](#) as a central hub for innovation. It openly invites students, scientists, and industrial partners to collaborate. This internal structure provides the physical and organizational space necessary to catalyze the entire cycle of innovation - from idea generation and team formation to prototyping and commercialization - within a partnership ecosystem. Supporting Evidence: The Startup Studio's mission is clear: "INRTU Startup Studio invites students, scientists, and industrial partners to cooperate."

### Thematic Career Days

INRTU operates a structured system of Thematic Career Days with major employers. Events like the "[Career Day of Angarsk Petrochemical Company \(APCC\)](#)" provide a direct, efficient channel for dialogue between students and industry leaders. This system ensures that the partnership with the labor market is active, targeted, and beneficial for student employment.