

Educational Programme

Organization, Maintenance and Development of the University-Type Educational Process at JINR

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Participating countries and international organizations: Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, CERN, Czech Republic, Georgia, Germany, Kazakhstan, Moldova, Mongolia, Poland, Romania.

Over the five years of implementing JINR's educational topic, it is the JINR University Centre (the UC) that has been bearing most of the load of organizing the study process.

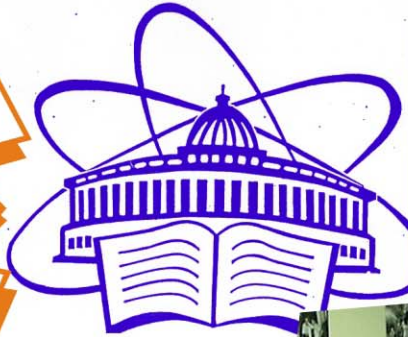
According to the tasks formulated within the framework of this topic, the following items have been realized:

- Organization of the study process at the UC;
- Making for the organization and actual course of the study process at the JINR-based departments of Moscow Institute of Radio Engineering, Electronics, and Automatics, Moscow Institute of Power Engineering, and Dubna University;
- Elaboration and modernization of the curricula and other study programmes based on the UC and JINR's Laboratories and subdivisions for the physics students (systematic publication of textbooks on the courses and lecture cycles given to the UC students and postgraduates);
- Functioning of JINR's postgraduate programmes and organization of the joint supervision of postgraduates by scientists of JINR and its Member States;
- Development of the narrow-field training of highly-skilled specialists of JINR Member States;
- Elaboration and actual creation of the laboratory practicum covering different stages of the study process;
- Organization and conduction of international schools for students and postgraduates;
- Development of the information and computational complex supporting the university-type educational process, and continuous update of the UC's Web site;
- Organization of the UC student and postgraduate exchange based on the agreements on cooperation with universities of JINR Member States and other countries; development of cooperation with international Funds (DAAD, EMSPS, and EUPEN);
- Creation of a licensed system of courses of raising JINR's engineering and technical staff skills;
- Organization of lecture courses on physics for secondary school students.

This system of education has already yielded concrete results. Many of the UC graduates, upon completing their graduate programmes, either remain at JINR for further work or enter JINR's postgraduate studies. For example, the average age of the research staff at the Laboratory of Nuclear Problems has significantly been decreased by hiring the UC leavers. It is clear, however, that this activity must be vigorously developed, especially in its international component.

The UC's total annual enrollment is about 100 students of physics and more than 100 engineering students from higher education institutions of JINR Member States.

Since 1998, 135 people have completed JINR's postgraduate programmes.



Each year since 1991, UC has a total enrollment of about 100 students of physics from institutions of higher education of JINR Member States and other countries



Since 1995, JINR offers postgraduate studies in 10 specialities. About 50 postgraduates from JINR Member States attend each year JINR's postgraduate programmes



In 1994, JINR along with the Russian Academy of Natural Sciences and the authorities of Moscow Region and the city of Dubna established the "Dubna" International University for Nature, Society and Man

The UC's total annual enrollment is more than 100 engineering students from higher education institutions of JINR member States.