ABOUT DEPARTMENT

In 2013, by the decision of the Academic Council of the RSREU, a new Degree-granting department "Space technologies" was founded at the Faculty of Computer Science, focused on the training and graduation of bachelor's degree students, master's degree students and postgraduate students with the modern major disciplines and specialties in demand in order to develop prospective sectors of the economy of Russia and the regions of the Russian Federation.

The Head of the Department is Sergei Igorevich Gusev, Doctor of Sciences in Engineering Science, Professor, Vice-Rector of the Ryazan State Radio Engineering University for Research and Innovation.

The Department of Space Technologies trains specialists in the following majors:

- 02.03.01 "Mathematics and Computer Sciences" (Bachelor's degree);
- 09.03.01 "Informatics and Computer Engineering", specialty "System Analysis and Engineering of Information Processes" (Bachelor's degree);
- 09.04.01 "Informatics and Computing Machinery" (Master's degree);
- 09.06.01 "Informatics and Computing Machinery" (Postgraduate study).

Department's Academic personnel: 6 Professors, 7 Associate Professors, 2 Senior Teachers, qualified engineers, postgraduate students and doctoral students.

The Department of Space Technologies prepares graduates with the involvement of qualified specialists from the Research Institute "Foton" and the enterprise of AO (JSC) Rocket Space Centre "Progress" - a branch of the Specialist Design Bureau "Spektr".

CONTACT INFORMATION

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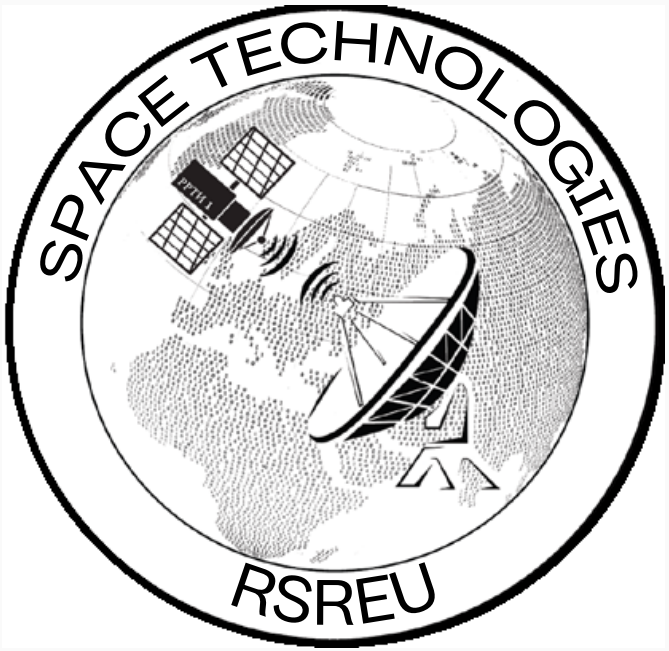
Deputy Head of Department
Aleksandr Ivanovich Taganov,
D.Sc. in Engineering Science, Professor

For More Information See:
Web: kt.rsreu.ru



MAJORS

02.03.01
"Mathematics and Computer Sciences"
(Bachelor's degree)

09.03.01
"Informatics and Computing Machinery"
Specialty
"System Analysis and Engineering of Information Processes"
(Bachelor's degree)

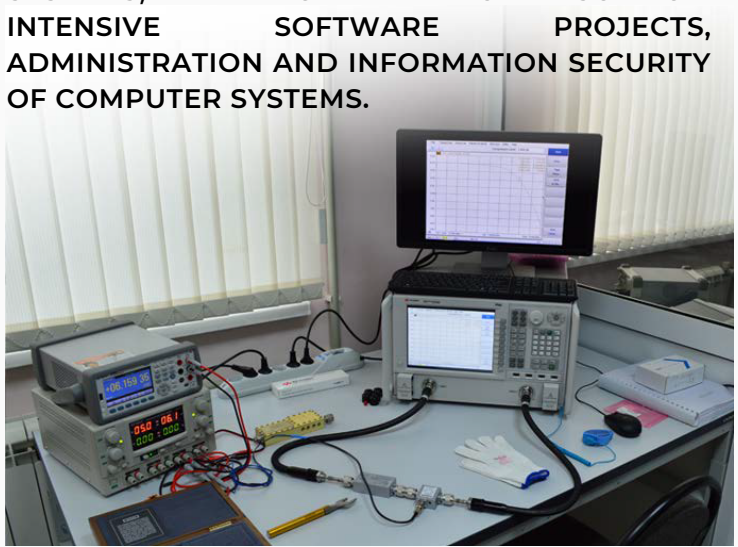
RSREU
Degree-granting department
"SPACE TECHNOLOGIES"

EDUCATIONAL ENVIRONMENT

THE EDUCATIONAL PROCESS IS CARRIED OUT IN SPECIALIZED LABORATORIES OF THE DEPARTMENT, EQUIPPED WITH MODERN HARDWARE AND SOFTWARE, AS WELL AS MULTIMEDIA EQUIPMENT.

STUDENTS RECEIVE BASIC THEORETICAL TRAINING, STUDY A WIDE RANGE OF COMPUTER SCIENCES AND ACQUIRE EXTENSIVE KNOWLEDGE FOR ENGINEERING, DESIGN AND MANAGEMENT ACTIVITIES.

PARTICULAR ATTENTION IS PAID TO THE STUDY OF METHODS AND TECHNOLOGIES FOR CREATING SOFTWARE AND HARDWARE COMPUTING AND RADIO ENGINEERING COMPLEXES, DESIGN AND ENGINEERING SUPPORT OF AUTOMATED INFORMATION SYSTEMS, MANAGEMENT OF SCIENCE-INTENSIVE SOFTWARE PROJECTS, ADMINISTRATION AND INFORMATION SECURITY OF COMPUTER SYSTEMS.



RESULT OF THE TRAINING

THE AREA OF PROFESSIONAL ACTIVITY OF BACHELORS WITH SPECIALTIES 02.03.01 "MATHEMATICS AND COMPUTER SCIENCES" AND 09.03.01 "INFORMATICS AND COMPUTING MACHINERY" INCLUDES:

- RESEARCH ACTIVITIES IN AREAS WHERE MATHEMATICAL METHODS AND COMPUTER TECHNOLOGIES ARE USED;
- SOLVING VARIOUS PROBLEMS USING MATHEMATICAL MODELING OF PROCESSES, OBJECTS AND SOFTWARE;
- WORK IN THE FIELD OF INFORMATION SECURITY AND ACTUARIAL FINANCIAL ANALYSIS;
- DEVELOPMENT OF EFFECTIVE METHODS FOR SOLVING PROBLEMS OF NATURAL SCIENCE, TECHNOLOGY, ECONOMICS AND MANAGEMENT;
- SOFTWARE AND INFOWARE FOR SCIENTIFIC, RESEARCH, ENGINEERING AND MANAGEMENT ACTIVITIES;
- TEACHING A CYCLE OF DISCIPLINES IN APPLIED INFORMATICS.

FURTHER STUDY OPTIONS

BACHELOR'S PROGRAMS IN THE MAJORS 02.03.01 "MATHEMATICS AND COMPUTER SCIENCES" AND 09.03.01 "INFORMATICS AND COMPUTER MACHINERY" ARE ATTRACTIVE FOR THEIR VERSATILITY. THE STUDENT RECEIVES DEEP AND EXTENSIVE KNOWLEDGE IN SEVERAL DIRECTIONS AT ONCE, WHICH ALLOWS THE UNDERGRADUATE GRADUATE TO CONTINUE HIS STUDIES IN THE MAGISTRACY IN MANY AREAS: "INFORMATICS AND COMPUTER ENGINEERING", "SOFTWARE ENGINEERING", "INFORMATION SYSTEMS AND TECHNOLOGIES", "APPLIED INFORMATICS", "INFOCOMMUNICATION TECHNOLOGIES AND COMMUNICATION SYSTEMS ", “DESIGN AND TECHNOLOGY OF ELECTRONIC DEVICES”, “AUTOMATION OF TECHNOLOGICAL PROCESSES AND PRODUCTION” AND IN OTHER AREAS.

BASIC DISCIPLINES

- INFORMATION THEORY AND IT;
- COMPUTING SYSTEMS, NETWORKS AND TELECOMMUNICATIONS;
- OS;
- BASICS OF COMPUTER SCIENCES;
- MATHEMATICAL METHODS IN COMPUTER SCIENCES;
- SYSTEMS THEORY AND SYSTEMS ANALYSIS;
- MATHEMATICAL AND COMPUTER MODELING;
- METHODS AND TECHNOLOGIES OF SYSTEM ENGINEERING;
- METHODS AND TECHNOLOGIES OF SOFTWARE ENGINEERING;
- BASICS OF CALS- AND CASE-TECHNOLOGIES;
- IT PROJECT MANAGEMENT;
- WEB TECHNOLOGIES;
- DATABASES;
- ENGINEERING DRAWING;
- MULTIMEDIA TECHNOLOGIES;
- QUALITY-RELIABILITY ASSURANCE OF INFORMATION SYSTEMS;
- ENGINEERING TECHNOLOGIES OF GEOINFORMATION PROCESSES AND SYSTEMS;
- TECHNICAL DOCUMENTATION;
- INFORMATION SECURITY.