

ASEDU



ASEDU

Перспективы развития естественно-научного,
инженерного и цифрового образования

Advances in Science, Engineering
and Digital Education



ASEDU

Advances in Science, Engineering
and Digital Education

Science & Technology City Hall

Krasnoyarsk



RUSSIAN AND
INTERNATIONAL UNION
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КРАСНОЯРСКИЙ
ГОСУДАРСТВЕННЫЙ
ПЕДАГОГИЧЕСКИЙ
УНИВЕРСИТЕТ
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Conference Programme

I International Conference ASEDU-I 2020: Advances in Science, Engineering and Digital Education

8-9 October 2020 | Krasnoyarsk, Russia



I Международная конференция ASEDU-I 2020: Перспективы развития естественно-научного, инженерного и цифрового образования

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Международный Союз научных и инженерных общественных объединений, Красноярский краевой Союз НИО, Красноярский краевой Дом науки и техники Российского Союза НИО и Красноярский государственный педагогический университет имени В.П. Астафьева проводят 8-9 октября 2020 года I Международную конференцию «**ASEDU-2020: Перспективы развития естественно-научного, инженерного и цифрового образования**».

Цель конференции - обмен опытом ведущих специалистов в области применения и развития цифровой образовательной среды на базе инновационных технологий. Конференция посвящена современным достижениям в области естественно-научного, инженерного и цифрового образования. В рамках дискуссии будут рассмотрены актуальные проблемы внедрения современных методов и технологий в образовании, в том числе, тенденции и перспективы современного образования в математике, физике, информатике, педагогике и тд.

Основные направления научной программы конференции (рубрикатор):

- 1. Естественно-научное и инженерное образование**
 - ✓ *Естественно-научное и инженерное образование*
 - ✓ *Проблемы и перспективы современного математического образования*
 - ✓ *Физика: проблемы и перспективы современного образования*
- 2. Цифровое образование**
 - ✓ *Использование информационно-коммуникационных технологий в ДПО и ВО*
 - ✓ *Актуальные проблемы цифровой трансформации образования*
 - ✓ *Цифровое образование: новые методы и способы организации учебного процесса в условиях цифровизации*
- 3. Современные образовательные технологии**
 - ✓ *STEM-образование*
 - ✓ *Инженерное образование и WorldSkills*
 - ✓ *Проектирование современных образовательных технологий*
 - ✓ *Использование технологий искусственного интеллекта в образовании для повышения результатов учения и обучения*
- 4. Педагогические технологии организации образовательной деятельности**
 - ✓ *Современные педагогические технологии организации образовательной деятельности*

✓ *Формирование и развитие цифровой образовательной среды на базе инновационных технологий*

✓ *Теория и практика эффективного управления образовательной организацией в современных условиях*

К участию приглашаются **ученые и специалисты** российских и зарубежных вузов, академических институтов, специалисты-практики, аспиранты, преподаватели СПО и ВО, учителя общеобразовательных учреждений и учреждений дополнительного образования.

Публикация трудов конференции

Материалы конференции в виде статей на английском языке публикуются в журнале *Journal of Physics: Conference Series (JPCS)*, индексируемом международными базами Scopus/WoS.

Место и даты проведения

Конференция пройдет 8-9 октября 2020 года в Красноярском Доме науки и техники РосСНИО и Красноярском государственном педагогическом университете имени В.П. Астафьева.

Для иногородних участников, аспирантов и молодых ученых предусмотрена форма участия с онлайн презентацией на сайте (дистанционная Е-презентация – от 3 до 5 слайдов на русском и/или английском языке – оформляются в свободной форме в формате pdf, шаблон можно скачать на сайте конференции). Цифровые презентации участников будут выставлены на сайте конференции в разделе "Материалы конференции", будут транслироваться во время конференции на мультимедийных экранах в холле и в зале в режиме нон-стоп.

Контакты

Подробную информацию об условиях участия и программе конференции можно найти на сайте <http://domnit.ru/> в разделе «**Конференции**». 660049, Красноярск, ул. Урицкого, д. 61, ОУ «ККДНиТ», кабинет 101, ответственный секретарь международной конференции Ворошилова Анна, Телефон: +7-391-227-84-84, +7 999-318-33-34 (звонки, sms, viber, whatsapp), E-mail: krasnio@bk.ru



<http://conf.domnit.ru/ru/conferences/asedu-2020/>

Организаторы и партнеры конференции

 <p>Красноярский краевой Дом науки и техники Российского Союза научных и инженерных общественных объединений (Красноярск, Россия)</p>	 <p>Красноярский государственный педагогический университет имени В.П. Астафьева (Красноярск, Россия)</p>	 <p>IOP Publishing: Journal of Physics: Conference Series (JPCS), Online ISSN: 1742-6596, Open Access</p>
 <p>Международный Союз научных и инженерных общественных объединений (Москва, Россия)</p>	 <p>Ассоциация инженерного образования России (Общероссийская общественная организация, Красноярское отделение)</p>	 <p>Российский Союз научных и инженерных общественных объединений (Союз НИО) (Москва, Россия)</p>

<http://conf.domnit.ru/ru/conferences/asedu-2020-ru/>

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Избранные видеодоклады и презентации участников на сайте материалов конференции:
<http://conf.domnit.ru/ru/materialy/asedu-2020/>

The image shows a screenshot of the conference website. The top section has a blue header with the text "Видеодоклады участников" (Video presentations of participants) in white. Below this, there are three video thumbnails. The first is titled "Digital transformatio..." and shows a man presenting. The second is titled "Дистанционное об..." and shows a person at a podium. The third is titled "The method for deve..." and shows a woman presenting. Below the video thumbnails, there is a dark blue banner with three presentation slides. The slides are titled "«ASEDU-2020: Advances in Science, Engineering and Digital Education»" and "Presentation". The banner also includes the conference logo and dates: "INTERNATIONAL CONFERENCE Krasnoyarsk, 2020 8-9 October 2020".

Section 1. Natural science and engineering education

ASEDU-1001	Reflection of acoustic waves from a bubble screen in water with hydrate bubbles	I K Gimaltdinov, I G Khusainov, G Y Khusainova and A A Gimaltdinova	Ufa State Petroleum Technological University, Ufa; Sterlitamak Branch Bashkir State University, Sterlitamak, Russia
ASEDU-1002	Traditions in teaching physics at the regional Kaliningrad University	I P Korneva	Baltic Fishing Fleet State Academy
ASEDU-1003	Modeling an automated management system of technological processes in public energetics	A V Bondarev, S V Sarkisov, I I Pivovarova, E V Bolbyshev, A N Korpusov	Military Institute (engineering) of the Military Academy logistics support named after Army General A. V. Hrulev, St. Petersburg, Russian Federation
ASEDU-1004	The development of ontological model for increasing the competitiveness of university graduates in information technologies	L V Kurzaeva, S A Povitukhin, T V Usataya and D U Usatiy	Nosov Magnitogorsk State University, Magnitogorsk, Russia; Moscow State University of Technology and Management named after K.G. Razumovsky (the First Cossacs University), Moscow, Russia
ASEDU-1005	KNITU-KAI educational cluster: teaching mathematics	Z Ya Yakupov, R K Galimova, S I Dorofeeva, S V Nikiforova and N T Valishin	Kazan National Research Technical University named after A. N. Tupolev – KAI, Kazan, Russia
ASEDU-1006	Strategy and tactics of teaching mathematics at a technical university	L P Verzhinina and M I Verzhinin	Saint-Petersburg State University of Aerospace Instrumentation; Saint-Petersburg Mining University, Saint-Petersburg, Russia

ASEDU-1007	Pedagogical conditions for the formation of the students' scientific worldview when teaching biology	T I Kondaurova, N E Fetisova, A M Vedeneev, A V Zverev and L A Reut	Volgograd State Socio-Pedagogical University, Volgograd, Russian Federation
ASEDU-1008	Mentoring as an effective way to train and develop postgraduates in engineering	O Lokteva, A Loktev and Z Fazilova	LLC "Agrostroy", Russian University of Transport (MIIT)
ASEDU-1009	Integration of natural science and humanities knowledge in training of future social workers	G B Khasanova and N Sh Valeyeva	Kazan National Research Technological University, Kazan, Russia
ASEDU-1010	Formation of General Technical Training of Students through the Integration of Computational and Graphic Works.	V V Lazar, Yu V Kataev, M V Stepanov, E L Chepurina and K A Krasnyashikh	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy
ASEDU-1011	Methodological problems of big data and artificial intelligence in the medical specialists training	O V Mikhailenko and GA Dorrer	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-1012	Characteristics of the level of assessment of professional mobility of the future expert in the field of life safety	E N Brukhov, L V Kovtunenkov, E V Kalach, and O E Melnik	Ural Institute of State Fire Service of EMERCOM of Russia, Ekaterinburg, Russia; Voronezh Institute of the Federal Penitentiary Service of Russia, Voronezh, Russia; Saint-Petersburg University of EMERCOM of Russia, Saint-Petersburg, Russia

ASEDU-1013	Scientific research as an important aspect of natural science education	Romankina Marina Yurievna , Kuznetsova Nataliya Viktirovna , Fedulova Yulia Alexandrovna	Michurinsk State Agrarian University, Michurinsk, Russia
ASEDU-1014	Ornitological research in the system of natural scientific education	M Miklyaeva, A Okolelov, O Zolotova, E Popova and A Shubin	Michurinsk State Agrarian University, Department of Zoology and Ecology, Moscow State Pedagogical University, Moscow, Russian Federation
ASEDU-1015	Distance learning during self-isolation: comparative analysis	L P Kvashko, L G Aleksandrova, V V Shesternina, L D Erdakova and V V Kvashko	Institute of Railway Transport, a branch of Far Eastern State University of Transportation in Ussuriisk; The branch of the Far Eastern Federal University in Ussuriysk (School of Education), Russia
ASEDU-1016	Training of teachers for engineering education in Russian schools	E M Gromova, D I Berkutova and T A Gorshkova	Ulyanovsk State Pedagogical University named after I. N. Ulyanov, Ulyanovsk, Russia
ASEDU-1017	Some aspects of using mixed reality technologies in the training of physics teachers	P V Zakharov, A S Kataeva, A S Kochkin, A M Eremin and A V Markidonov	Peter the Great St. Petersburg Polytechnic University, St. Petersburg; Shukshin Altai State University for Humanities and Pedagogy, Biysk; Altai State University, Barnaul; Novokuznetsk Branch-Institute of Kemerovo State University, Novokuznetsk, Russia

ASEDU-1018	The system of mathematical education of Russia: problems, tasks, solutions	F D Belov and A V Smirnova	The Russian Research Institute of Economics, Politics and Law in Science and Technology (RIEPL)
ASEDU-1019	Universal assessment of employee manual for new employee training in education organizations	S N Masaev, G A Dorrer, K Yu Murashova, D A Edimichev and V V Vingert	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Control Systems LLC, Kraslesinvest JSC, Krasnoyarsk, Russia
ASEDU-1020	Teaching stochastics to bachelors of mathematics: computer simulation for conceptual understanding	E V Kuznetsova and N Yu Zhanova	Lipetsk State Technical University, Lipetsk, Russia
ASEDU-1021	Strategic development and increasing the efficiency of construction expertise institution in Russia	A P Afanasyev, V V Pukhova, K V Chepeleva, I A Saenko and E V Krelina	FSAEI HE Siberian Federal University, Krasnoyarsk, Russian Federation; 2FSBEI HE Krasnoyarsk State Agrarian University, Krasnoyarsk, Russian Federation
ASEDU-1022	Application of the competencies of university graduates in the enterprise	S N Masaev, G A Dorrer, A N Minkin, A L Khurulkevich and Y K Salal	Siberian Federal University; Control Systems LLC; Reshetnev Siberian State University of Science and Technology; The Main Directorate of EMERCOM of Russia for Krasnoyarsk Territory, Krasnoyarsk; FSBEI HE Siberian Fire and Rescue Academy EMERCOM of Russia, Zheleznogorsk; South Ural State University, Chelyabinsk, Russia; University of Al-Qadisiyah, Diwaniyah, Iraq

ASEDU-1023	Opportunities provided by use of atomic force microscopy for studying invertebrates hemocytes in training biology students	A A Prisnyi	Federal State Autonomous Educational Institution of Higher Education «Belgorod State National Research University», Belgorod, Russia
ASEDU-1024	Assessment of the application of the Universal Competencies	S N Masaev, G A Dorrer, A N Minkin, A V Bogdanov and Y K Salal	Siberian Federal University; Reshetnev Siberian State University of Science and Technology; Control Systems LLC; Reshetnev Siberian State University of Science and Technology; The Main Directorate of EMERCOM of Russia for Krasnoyarsk Territory, Krasnoyarsk; FSBEI HE Siberian Fire and Rescue Academy EMERCOM of Russia, Zheleznogorsk; Russia South Ural State University, Chelyabinsk, Russia; University of Al-Qadisiyah, Diwaniyah, Iraq
ASEDU-1025	Dublin Descriptors	S N Masaev, G A Dorrer, V V Vingert, E A Yakimova and S V Klochkov	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Control Systems LLC, Krasnoyarsk, Russia
ASEDU-1026	European Qualifications Framework	S N Masaev, G A Dorrer, V V Vingert, E A Yakimova and D A Edimichev	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Control Systems LLC, Krasnoyarsk, Russia
ASEDU-1027	Bloom's taxonomy	S N Masaev, G A Dorrer, V V Vingert, E A Yakimova and S V Klochkov	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Control

			Systems LLC, Krasnoyarsk, Russia
ASEDU-1028	The high industrial Education 4.0 soft skills and hard skills	A V Gurjanov, D A Zakoldaev, A V Shukalov, I O Zharinov	Stock Company «Experimental Design Bureau «Electroavtomatika» named after P A Yefimov, Saint Petersburg; ITMO University, Saint Petersburg, Russia
ASEDU-1029	National Qualifications Framework	S N Masaev, E V Musiyachenko, K Ya Vetcel' and Y K Salal	Siberian Federal University; Control Systems LLC, Krasnoyarsk; South Ural State University, Chelyabinsk, Russia; University of Al-Qadisiyah, Diwaniyah, Iraq
ASEDU-1030	Developing pre-vocational profile training in the system of continuous engineering and technological education	E V Bodrova, N B Golovanova, S A Kudzh and V Ya Tsvetkov	MIREA – Russian technological university, Moscow, Russia
ASEDU-1031	Effect of the training and motivation of the staff contract labor on the work safety	E A Fomin, E V Glebova and M V Ivanova	National University of Oil and Gas «Gubkin University», Moscow, Russia
ASEDU-1032	Natural science education: a multiaspect system of models of mathematics	Yu B Melnikov, V A Gustomesov, O V Tsymbalist and A A Knysch	Ural State University of Economics, Yekaterinburg, Russia
ASEDU-1033	Motivation of technical university students to study physics and methods of teaching it in the context of a pandemic	O A Denisova	Ufa State Petroleum Technological University, Ufa, Russia

ASEDU-1034	CAD/CAE/CAM when teaching the discipline «Fundamentals of machine design»	A N Sirotenko and S A Partko	Don State Technical University, Rostov-on-Don, The Russian Federation
ASEDU-1035	Competence-oriented tasks as a means of forming natural science literacy	Tatyana P. Platonova, Antonina P. Pakusina	Amur State University, Blagoveshchensk, Far Eastern State Agrarian University, Blagoveshchensk, Russia
ASEDU-1036	Training system for professionally competent personnel of student construction brigades' main office in NRU MGSU (2011-2019)	I E Voronkov, R V Ostrovskii and B A Gamov	Moscow State University of Civil Engineering (National Research University), Moscow; ASE Joint Stock Engineering Company, Nizhny Novgorod; Public corporation Institute Teploelektroproekt, Moscow, Russia
ASEDU-1037	Social and informational approach in high education in the blended learning format.	N V Homich and M U Buzunova	Irkutsk State Agrarian University named after A.A. Ezhevsky, Molodezhny, Irkutsk, Russia
ASEDU-1038	Secondary vocational education for IT-industry personnel training: achievements and prospects	E V Bodrova , N B Golovanova, S A Kudzh and V Ya Tsvetkov	MIREA – Russian technological university, Moscow, Russia
ASEDU-1039	Modern methods of upbringing a physically and spiritually healthy person when teaching the subject "Life Safety"	Zarubina R V, Zhidkova A Y and Podberesnij V V	Rostov State University of Economics, Rostov-on-Don, Russia
ASEDU-1040	The automated system Steach.Space designed for Programming teaching	A Kizyanov, D Luchaninov, R Bazhenov, A Pronin, N Tabachuk and A Samorukov	Sholom-Aleichem Priamursky State University, Birobidzhan; Ekaterinburg Academy of Contemporary Art, Ekaterinburg; Pacific National University, Khabarovsk; Orenburg State University, Orenburg, Russia

ASEDU-1041	Development of the knowledge management process at the maintenance enterprise of the agro-industrial complex	V Vkarpuzov, P Golinitzkiy, E Cherkasova, S Toygambaev and U Antonova	Russian State Agrarian University – Moscow State Agrarian University named after K A Timiryazev, Moscow, Russia Public corporation Institute Teploelektroproekt, Moscow; Moscow State University of Civil Engineering (National Research University), Moscow; ASE Joint Stock Engineering Company, Nizhny Novgorod; ASE Joint Stock Engineering Company, Nizhny Novgorod, Russia
ASEDU-1042	Organizational and technological specificity of professional training of student construction brigades	B A Gamov, I E Voronkov, R V Ostrovskii and E G IAlunin	Reshetnev Siberian State University of Science and Technology, Moscow State Institute of International Relations (MGIMO University), Voronezh State Technical University
ASEDU-1043	Transforming requirements for engineering occupations as affected by technological changes	E V Melnikova, A A Melnikova and M Yu Sergeev	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-1044	Cognitive model of an educational process	Alexandra G Dorrer, Georgy A Dorrer, Svetlana S Moscalyova and Galina M Rudakova	Siberian Federal University, Krasnoyarsk, Russia
ASEDU-1045	Experience in implementing the educational process in history within the CDIO ideology context	N V Barsukova and E A Grigorieva	Saint-Petersburg State University of Aerospace Instrumentation, Saint-Petersburg, Russia
ASEDU-1046	Development of a management system for educational projects in the context of distance education	V V Okrepilov, G V Getmanova & G V Khmeid	Getting skills in configuration and management of communication network elements using the DiP
ASEDU-1047	Getting skills in configuration and management of communication network elements using the DiP	A A Dmitriev, M V Ivanova, L B Prosviryakova	Irkutsk National Research Technical University

	software and hardware complex		
ASEDU-1048	Analysis of studying ecological education in Kazakhstan	M S Yessenamanova, A E Tlepbergenova, Zh S Yessenamanova and E R Gilmanov	Kh Dosmukhamedov Atyrau University
ASEDU-1049	Investigation of nanofiber material production by catalytic pyrolysis	O A Kolenchukov, E A Petrovsky, A Yu Mikhaylov	Siberian Federal University; LLC «RN–Vankor»
ASEDU-1050	Planning the use of educational and training applications		Anapa, Russia
ASEDU-1051	To a question about the content of subject preparation of the future experts in the field of modern optics and photonics	G M Chulkova, E B Petrova	Federal State Budgetary Educational Institution of Higher Education «Moscow Pedagogical State University», Moscow, Russia
ASEDU-1052	Investigation of the geometric meaning of the derivative using mathematical packages	Elena N Trofimets	Saint-Petersburg university of State fire service of EMERCON of Russia, Saint-Petersburg, Russia
ASEDU-1053	Synthesis of a terminal control system for discrete nonlinear objects with PWM modulation	I X Siddikov, G B Sherboboyeva and M B Rustamova	Karshi branch of Tashkent University of information technologies named after Mukhammad al-Khwarizmi, Uzbekistan
ASEDU-1054	Assessment of the process of students ' acquisition of professional competencies	I M Gorbachenko	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-1055	Educational resource of studying Robotics in STEM learning system as a factor in mastering	V Vexler, R Bazhenov, I Fominykh, T Gorbunova and V Maximov	Saratov State University, Saratov; Sholom-Aleichem Priamursky State University, Birobidzhan; Mari State

	student engineering and creative skills		University, Yoshkar-Ola; Moscow State University of Civil Engineering, Moscow; North-Eastern Federal University, Yakutsk, Russia
ASEDU-1056	Experience of teaching geometric modeling at schools and universities	A V Balyakin and L A Chempinsky	Samara National Research University, Samara, Russian Federation
ASEDU-1057	Development of methods for increasing the performance of rubber cord shells of pneumatic shock absorbers	O. V. Chemisenko , Y. S. Gnoyevykh , N.A. Levochkina, E. N. Eremin, A.V. Lyamtsev	Siberian Cossack Institute of Technology and Management (branch office) of the Federal State Budgetary Educational Institution of Higher Education "Moscow State University of Technology and Management named after K.G. Razumovsky (First Cossack University)", Moscow, Russia Omsk State Technical University, Omsk, Russia
ASEDU-1058	The formation of students' telecommunicative competence through the knowledge synthesis in the study of natural sciences	D A Tarov, I N Tarova, E B Sotnikova and N V Morgacheva	Bunin Yelets State University
ASEDU-1059	YouTube English video lectures as a basis of CLIL classes for students of mathematics	V Grigoryeva-Golubeva, E Silina and E Surinova	State Marine Technical University, St.Petersburg, Russia
ASEDU-1060	The study on the possibility of forming quadrature components based on Barker codes	K A Osipov, L V Prosviriakova, A A Dmitriev	Irkutsk National Research Technical University
ASEDU-1061	Educational potential of studying recurrence relations in the preparing of prospective mathematics teachers	R M Nigmatulin, M Yu Vaguina and M M Kipnis	South Ural State Humanitarian Pedagogical University, Chelyabinsk, Russia

ASEDU-1062	Evaluation of geographical component of students' scientific literacy using the principle of regionalization	M S Astrashabova, N A Ligaeva, O A Kuznetsova and I X Usmanova	Krasnoyarsk State Pedagogical University named after V. P. Astafyev; Siberian federal university, Krasnoyarsk, Russia
ASEDU-1063	Research of numerical methods for solving ordinary differential equations in MS Excel	Elena N Trofimets, Valery Ya Trofimets	Saint-Petersburg university of State fire service of EMERCON of Russia; Saint-Petersburg mining university, Saint-Petersburg, Russia
ASEDU-1064	Model of projects-based practices system for future mathematics teachers	E A Sukhovienko, S A Sevostyanova and E V Martynova	South Ural State Humanitarian Pedagogical University, Chelyabinsk, Russia
ASEDU-1065	Combined heat supply system solar collector - heat pump	O Kh Ishnazarov, M A Koroli	Scientific and Technical Centre of JSC Uzbekenergo; Tashkent State Technical University named after Islam Karimov, Tashkent. Uzbekistan
ASEDU-1066	Reflection the modern ideas about the content of general education in the school physics textbooks	Natalia S Purysheva and Dmitry A Isaev	Moscow Pedagogical State University; HSE University, Moscow, Russia
ASEDU-1067	Formation of expert competencies for graduates of the specialty "Commodity science»	E A Zaychenko, E V Petrenko, A P Surnik and V N Parshikova	Siberian Federal University, Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, 660037, Russian Federation
ASEDU-1068	Organizational and pedagogical conditions for network training of teachers of engineering education for pupils	L V Shkerina and A V Bagachuk	Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia
ASEDU-1069	Determination of calcium and magnesium by atomic absorption spectroscopy and flame photometry	R A Bisergaeva and Y N Sirieva	Faculty of Biology and Chemistry Chechen State University, Grozny, Russia

Section 2. Digital education

ASEDU-2001	Development of professional competencies of bachelors in applied Informatics to create an advertising product by means of information technologies	N R Alekseeva, T A Lavina, A N Vanyulin and A N Zakharova	Chuvash State University, Cheboksary, Russia
ASEDU-2002	Distance learning in pandemic (the example of V.P. Astafiev Krasnoyarsk State Pedagogical University)	N I Lobanova, L V Logunova	Krasnoyarsk state pedagogical university named after V. P. Astafiev, Krasnoyarsk, Russia
ASEDU-2003	Features of engineering thinking development by means of 3d technologies	E A Mamaeva, T V Masharova, M N. Podlevskikh, S V Shilyaeva and E L Batakova	Department of Digital Technologies in Education, Vyatka State University, Kirov; Department of Pedagogy, Institute of Pedagogy and Psychology of Education FSEI HE Moscow City Pedagogical University, Moscow; Department of Digital Technologies in Education, Vyatka State University, Kirov; Head of the center for Informatization COGOA Vyatka technical Lyceum, Kirov; Computer science teacher of the Highest category, MAOU Secondary school No. 2, Chaikovsky, Russia

ASEDU-2004	Digital platform as a professional education management tool	A V Feoktistov, O N Trofimenko, S P Ognev, M V Lyakhovets and R S Koynov	Novokuznetsk College of Building Technologies, Novokuznetsk; Ministry of Education and Science of Kuzbass, Kemerovo, Russia
ASEDU-2005	Application of information and communication technologies in state management to digital education of higher education in Vietnam	Doan Thi To Uyen	Hanoi Law University, 87, Nguyen Chi Thanh str., Hanoi city, Vietnam
ASEDU-2007	The practical application of expert assessments in an innovative environment of the optimization of the information security process in the digital educational environment of internal affairs agencies	I V Alekhin, E A Rogozin, E I Vorobyov and R V Belyaev	Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Voronezh State Technical University, Air Force Academy named after Professor N.E. Zhukovsky and Yu. A. Gagarin
ASEDU-2006	Digitalization as the basis for advancing educational services	A A Fedotov, O V Pilipenko, L V Panfilova, L N Borisoglebskaya and S M Sergeev	Orel State university, Samara State University of Social Sciences and Education, Peter the Great St. Petersburg Polytechnic University
ASEDU-2008	Automated expert support complex based on a machine learning semantic processor	O N Chirkov, N V Tsipina, S A Slinchuk and E I Vorobyev	Voronezh State Technical University
ASEDU-2009	Innovative technology in the research of implementation dynamics of network attacks on the digital educational resources	O I Bokova, I G Drovnikova, E S Ovchinnikova and S V Rodin	Kaskad Ltd, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation
ASEDU-2010	Capabilities of digital gamification resources to form the basis of information security	S V Zenkina, M S Ivshin, G A Kobeleva, E A Mikhlyakova and V N Omelin	Academy of Social Management, Moscow, Russia; Vyatka State University; Vyatka State University, Kirov, Russia; Vyatka State University, Kirov, Russia; Vyatka

ASEDU-2011	Implementing interactive services in teaching jurisprudence and law related disciplines at a university	N V Bushueva, G Yang, V P Kuvardin, M M Nimatulaev and S A Yurkov	State University, Kirov, Russia; Kirov, Russia; Kirov State Medical University, Kirov, Russia; Vyatka State University, Kirov, Russia; Vyatka State University, Kirov, Russia; Financial University under the Government of the Russian Federation, Moscow, Russia; Vyatka State University, Kirov, Russia
ASEDU-2012	Multi-disciplinary educational information environment	L N Borisoglebskaya, A A Fedotov, O V Pilipenko, S M Sergeev and O Ja Kravets	Orel State university, Peter the Great St. Petersburg Polytechnic University, Voronezh State Technical University
ASEDU-2013	Application of greedy algorithms for the formation of the educational schedule in the higher education	A A Popov, O N Lopateeva, A K Ovsyankin and M M Satsuk	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-2014	Digital educational platform as a human resources management tool	A V Feoktistov, O N Trofimenko, S P Ognev, M V Lyakhovets and R S Kojnov	Novokuznetsk building college, Novokuznetsk; Ministry of education and science of Kuzbass, Kemerovo, Russia
ASEDU-2015	Digitalization as the "new normal" of higher education	Olga A Nesterchuk, Oleg E Grishin, Albina M Chepurnaya	Peoples' Friendship University of Russia (RUDN-University), Russian State Social University, Academy of Civil Defence EMERCOM of Russia
ASEDU-2016	Computer simulation of processes in technical systems	Yu A Antokhina, V M Balashov, E G Semenova and A G Varzhapetyan	Saint Petersburg State University of Aerospace Instrumentation, JSC SPE "Radar mms" Saint Petersburg State University of Industrial Technology and Design, St. Petersburg, Russia

ASEDU-2017	Building a GERT model of life cycle of educational and scientific information resources using Process Mining technology	M G Dorrer, A A Popov, E I Trishkina and N A Romanov	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-2018	Numerical modelling of the process of implementing media educational projects using GERT networks	A G Dorrer, M G Dorrer, E V Kasyanova and A A Zyryanov	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-2019	Problems of transition from traditional forms of educational process to the distance, digital format in the context of the COVID 19 pandemic: a regional aspect	E A Letyagina	Institute of land surveying, cadastre and nature management of Krasnoyarsk state agrarian university, Krasnoyarsk, Russia
ASEDU-2020	Application of a new technology stack in the development of the mobile app «Schedule of classes»	A A Popov, E M Gritsenko, M M Satsuk, A A Artyshko and D E Mironov	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-2021	A system of digital simulation models for distance learning of computer subsystems in IT courses	S P Orlov, N V Efimushkina and O Ja Kravets	Samara State Technical University, Voronezh State Technical University
ASEDU-2022	Students in the digital format of the educational process of the higher educational institution: risks and advantages	E V Borisova	Federal State Institution "Research Institute of the Federal Penitentiary Service of Russia", Moscow, Russia
ASEDU-2023	Digital engineering school on the way to digital production	E E Kovshov, S M Lesin and V S Kuvshinnikov	JSC "Research and Development Institute of Construction Technology – Atomstroy"; Moscow City University, Moscow, Russia
ASEDU-2024	Information and communication technologies in the professional activity of a higher school teacher	E V Priimak and I S Razina	Kazan national research technological University, Russia, Kazan

ASEDU-2025	Using information and communication technologies to manage the lifecycle of information systems	E B Zolotukhina, I V Medvedkova, S A Krasnikova	National Research Nuclear University MEPhI (Moscow Engineering Physics Institute), Moscow, Russia
ASEDU-2026	Training the IT Students Skills in the Digital Educational Environment	I A Andrianov, S Y Rzhetskaya, A A Sukonschikov, E N Davydova and A A Zaslavskiy	Vologda State University, Moscow City University
ASEDU-2027	Student Model Implementation in the Digital Educational Environment for IT Specialists Training	A N Shvetsov, A P Sergushicheva, I A Andrianov, M V Kharina and O Yu Zaslavskaya	Vologda State University, Moscow City University
ASEDU-2028	Digital transformation of higher educational system	D V Mamaeva, L V Shabaltina, V Yu Garnova, E. S. Petrenko and S S Borovsky	JSC "Alfa Bank", Moscow, Plekhanov Russian University of Economics, Moscow, Russian Federation
ASEDU-2029	Student's educational goal and formalization of its representation in E-learning	L B Andryushchenko, S I Filimonova, M V Sleptsova, E Pakhomova and B Kravtsov	Voronezh state pedagogical University, Voronezh, Russia
ASEDU-2030	Management of social investment projects for digital transformation in education	S Barkalov, T Averina, E Bautina and O Perevalova	Voronezh State Technical University
ASEDU-2031	Multi-linguistic analysis of the uniqueness of scientific and educational texts based on lexically related components	I V Kovalev, D I Kovalev, A A Voroshilova, E V Tueva and E V Tuev	Siberian Federal University, Krasnoyarsk, Krasnoyarsk State Agrarian University, Krasnoyarsk, Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, China Aviation Industry General Aircraft Zhejiang Institute Co., Ltd, Huzhou, Zhejiang Province, China, Krasnoyarsk Science and Technology City

			Hall, Krasnoyarsk, Russia
ASEDU-2032	Philosophy in the context of digital transformation of engineering education	E G Krivykh	National Research Moscow State University of Civil Engineering, Moscow, Russian Federation
ASEDU-2033	Results of implementation of the model of formation of information competence of students of pedagogical directions	K N Fadeeva, A G Gerasimova, T N Smirnova, T N Kopysheva and T V Mitrofanova	I. Yakovlev Chuvash State Pedagogical University, Cheboksary, Russia; I. Ulyanova Chuvash State University, Cheboksary, Russia
ASEDU-2034	Info-cognitive technologies in language education	T Ts Dugarova, Yu N Filippovich, M N Bashkueva, E R Bagramyan, Z I Aigumova and T-Zh Ts Dugarov	Center for Education Development of the Russian Academy of Education, Moscow, Russia; Moscow State Pedagogical University, Moscow, Russia; Moscow Polytechnic University, Moscow, Russia; Buryat State University, Ulan-Ude, Russia; Center for Education Development of the Russian Academy of Education, Moscow, Russia
ASEDU-2035	A business model of industrial education for an emerging economy	A V Gurjanov, D A Zakoldaev, I O Zharinov, O O Zharinov	Stock Company «Experimental Design Bureau «Electroavtomatika» named after P A Yefimov, Saint Petersburg, ITMO University, Saint Petersburg, Saint Petersburg State University of Aerospace Instrumentation, Saint Petersburg, Russia

ASEDU-2036	Digital education technologies - some problems	E G Filimonova, E V Bogatova and A O Smirnov	Sankt-Petersburg State University of Aerospace Instrumentation, St-Petersburg, Russia, Herzen State Pedagogical University of Russia, St-Petersburg, Russia
ASEDU-2037	Dynamic adaptive testing of students when learning English	PP Dyachuk, O I Denisenko, IV Shadrin and IP Peregudova	Krasnoyarsk State Pedagogical University named after V.P. Astafieva, Siberian Federal University
ASEDU-2038	Actualization of self-realization need of junior school children with limited health capacities when using informational-communicative technologies	O N Povalyaeva, T A Schuchka and I Yu Filatova	Bunin Yelets State University, Yelets, Russia
ASEDU-2039	Irrational perception of distance learning students	Ardashev Roman Georgievich	Academy of Management of the Ministry of Internal Affairs of Russia
ASEDU-2040	Collective emotions of the university staff in the context of digital learning	O A Polyushkevich, M N Chuvashova, I A Zhuravleva, M V Komarova and Yu V Zavarzina	Irkutsk State University, Irkutsk, 664003, Russia
ASEDU-2041	Introduction of E-learning under corona-crisis 2020 in estimations by professors and students	N M Galimullina, O N Korshunova, A V Sychenkova, O A Vagaeva and T E Melnik	Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan; Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan; Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan; Penza State Technological University, Penza; Orel State University named

after I.S. Turgenev, Orel,
Russian Federation

ASEDU-2042	State final certification using distant learning technologies	S A Mamontova, Yu P Kovaleva, O P Kolpakova, O I Goryunova and T V Agapova	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-2043	The effectiveness of the pedagogical conditions for organizing the educational process using distance educational technologies at the university	D V Kornienko, S V Shcherbatykh, S V Mishina and S E Popov	Bunin Yelets State University
ASEDU-2044	Use of popular electronic resources to improve the visibility of the course solving tasks in preparing students for USE in computer science	O D Lyubutov and O Yu Zaslavskaya	School No 1579, Moscow City University
ASEDU-2045	Digital education: VKontakte social network as a means of organizing the educational process	A B Orishev, A A Mamedov, D V Kotusov, S L Grigoriev, and E V Makarova	Russian State Agrarian University named after K.A. Timiryazev, Moscow, Russia
ASEDU-2046	Modeling a non-stress linguistic and cultural educational environment for university correspondence students	I F Umanets, N V Barsukova, I A Vorobeva, A B Ostapenko and N N Didukh	Pacific National University, Khabarovsk, Russia
ASEDU-2047	Development of a system for recording student achievement using a new information technology stack	E M Markushin, K E Ognegin, P S Polskaya, V A Shchedrin and A A Popov	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-2048	Application of Zoom and Mirapolis Virtual Room in the context of distance learning for students	J M Tsarapkina, G A V Anisimova, S G Grigoriev, A A Alekhina, and A G Mironov	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow, Russia; Volokolamsk agricultural College «Kholmogorka», Volokolamsk, Russia; Moscow City University, Moscow, Russia; School

			number 1191, Moscow, Russia; Krasnoyarsk state agrarian university, Krasnoyarsk, Russia
ASEDU-2049	Digital technology in modern education: risks and resources.	Natalya A Savotina, Elena I Khachikyan, , Victor Bondarenko and Anna Ilyukhina	KALUGA STATE UNIVERSITY named after K.E. Tsiolkovski; Kaluga, Russia
ASEDU-2050	Problems of the university teaching during the pandemic period	I B Ginzburg, A N Denisova and A A Ermakov	Moscow Aviation Institute (The National Research University), Moscow, Russia
ASEDU-2051	Active investigation and publishing of calculation web based applications for studying process	A A Sutchenkov and A I Tikhonov	National Research University "Moscow Power Engineering Institute", Moscow, Russian Federation
ASEDU-2052	Capabilities of the Maple computer algebra system in the study of set theory and combinatorics	A A Olenev, K A Kirichek, E V Potekhina, O V Pelikh	Stavropol State Pedagogical Institute, Russia
ASEDU-2053	Development of digital competencies among students of higher educational institutions	O I Borisov, O V Karamova, E M Naidenova, I V Osipova, A V Pavlova, A A Gibadullin and M I Sadriddinov	Financial University under the Government of the Russian Federation, Moscow, Russia, Russian University of Transport, Moscow, Russia, State University of Management, Moscow, Russia, Tajik State Finance and Economics University, Dushanbe, Republic of Tajikistan
ASEDU-2054	Digitalization of higher education in the context of information inequality	N V Romanova, Z E Sabirova and O V Sidorova	Lomonosov Moscow State University, Moscow; Bashkir Academy of Public Service and Management under the Head of the Republic of Bashkortostan

ASEDU-2055	Information and communication technologies and their use in additional and higher education	N G Ivanova, E S Shcheblyakov, S M Kurbatova, D V Rahinsky and A A Kuzhleva	Krasnoyarsk state pedagogical university of V.P. Astafyev, Krasnoyarsk, Krasnoyarsk State Agrarian University, Krasnoyarsk, Krasnoyarsk State Medical University named after Professor V.F. Voino-Yasenetsky, Krasnoyarsk, Russia
ASEDU-2056	E-learning solutions for teaching foreign language to correspondence students	A Yu Alipichev, N A Sergeeva	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow, Russia
ASEDU-2057	Using the Maple computer algebra system to study mathematical induction	A A Olenev, A V Shuvaev, M V Migacheva, E S Kulevskaya, A V Nazarenko	Stavropol State Pedagogical Institute
ASEDU-2058	Optimization of the digital educational environment for training administrators of the information security software system	O M Bulgakov, A M Kadnova, E A Rogozin, A V Krisilov, R V Belyaev and A M Nuzhnyy	Krasnodar University of the Ministry of Internal Affairs of the Russian Federation, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Air Force Academy named after Professor N.E. Zhukovsky and Yu. A. Gagarin, Voronezh State Technical University
ASEDU-2059	Innovative technologies for evaluating user interfaces of information security systems in the digital educational environment	O I Bokova, A M Kadnova, A V Barabanov, T V Meshcheryakova and M Yu Kalinin	Ltd Kaskad, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Voronezh State Technical University, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Ltd Impulse-Service

ASEDU-2060	Digital didactic products for "Generation Z" specialized education	I V Bogomaz, E A Peskovsky and E A Stepanov	Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Russia
ASEDU-2061	Distance education in universities: lessons from the pandemic	G A Elnikova, N N Nikulina, I V Gordienko, M G Davityan	Belgorod University of cooperation, Economics and law, Belgorod, Russia; Belgorod state agrarian University named after V. Ya. Gorin, Belgorod, Russia
ASEDU-2062	Digitalization of diagnostics of cognitive strategies for designing puzzle objects	Igor V Shadrin, Lyudmila V Shkerina, Pavel P. Dyachuk, Anatoly E Polichka and Irina P Peregodova	Krasnoyarsk State Pedagogical University named after V.P. Astafieva, Krasnoyarsk, Russia; Pacific State University, Khabarovsk, Russia; Siberian Federal University, Krasnoyarsk, Russia
ASEDU-2063	Ensuring availability of digital education platforms databases	I N Selyutin, A M Kadnova, O I Bokova, N S Khokhlov and R V Belyaev	Voronezh Institute of Government Communications (branch) of the Academy of the Federal security service of Russia, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Ltd Kaskad, Air Force Academy named after Professor N.E. Zhukovsky and Yu. A. Gagarin
ASEDU-2064	Organization of a system of digital education practices in the municipal sphere of general education	D V Kornienko	Bunin Yelets State University
ASEDU-2065	Problems of digital transformation of laboratory practicum during teaching of natural science disciplines	A V Korshunov and E M Knyazeva	Moscow State University of Civil Engineering, Moscow; National Research Tomsk Polytechnic University, Tomsk, Russia

ASEDU-2066	Essential characteristics, types of digital media and their use in education	V V Mantulenko	Samara State University of Economics, Samara, Russia
ASEDU-2067	The applied software role in the training of economic specialties students	K A Zhichkin, P V Starikov, L N Zhichkina, O A Mamaev , E I Artemova and N A Levochkina	Samara State Agrarian University, Kinel, K.G. Razumovsky Moscow State University of technologies and management, Moscow, Kuban State Agrarian University, Krasnodar, Russia
ASEDU-2068	Digital Pedagogy: Analysis, Requirements and Experience of Implementation	V I Toktarova and D A Semenova	Mari State University, Yoshkar-Ola, Russia
ASEDU-2069	Technology and digitalization: organization of scientific research in the magistracy	O.V. Kononova, D.E. Prokudin	ITMO University
ASEDU-2070	Testing for general and inorganic chemistry in the MOODLE system	I M Artemkina, V V Shcherbakov and Yu M Artemkina	Mendeleev University of Chemical Technology of Russia, Moscow, Russia
ASEDU-2071	Learning stereometry in a secondary school within GeoGebra's Augmented Reality app	M Shabanova, O Bezumova, E Zatsepina, S Malysheva, S Kotova and R Ovchinnikova	Northern (Arctic) Federal University named after M. V. Lomonosov
ASEDU-2072	Digital competence as the basis of a lecturer's readiness for innovative pedagogical activity	P F Kubrushko, A Yu Alipichev, E N Kozlenkova, L I Nazarova and A S Siman	Russian State Agrarian University – Moscow Timiryazev Agricultural Academy, Moscow, Russia
ASEDU-2073	Modern educational technologies in the context of distance learning	T A Makarenya, S V Stash and P O Nikashina	Engineering And Technological Academy Of The Southern Federal University, Taganrog, Russia

ASEDU-2074	Economic competencies for IT professionals	O V Bobryseva, V N Borisov and V A Gotovchikova	National Research Nuclear University MEPhI, Russia
ASEDU-2075	Teaching students during the COVID-19 pandemic	I V Vishnyakova, V V Bronskaya, D S Balzamor, A A Lubnina, O S Kharitonova, R S Shaikhetdinova and L E Khairullina	Kazan National Research Technological University, Kazan State Power Engineering University, Kazan Federal University, Kazan, Russia
ASEDU-2076	Innovative technologies for evaluating effect of information security systems in the digital educational environment	I I Zastrozhnov, A V Krisilov, I D Korolev, D M Kryukov, V P Alferov and S A Oleinikova	Voronezh State Technical University, Air Force Academy named after Professor N.E. Zhukovsky and Yu. A. Gagarin, Krasnodar Higher Military University of Name General of Army S.M. Shtemenko
ASEDU-2077	Application of the clustering algorithm in an automated training system	A A Popov, A K Ovsyankin, M R Emomaliyev and M M Satsuk	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-2078	Optimization of an educational organization management based on the assignment management system implementation	A A Krechetov, D B Shatko and P A Strelnikov	T.F. Gorbachev Kuzbass State Technical University, Kemerovo, Russia
ASEDU-2079	The prototype of the organizational maturity model's digital twin of an educational institution	M G Dorrer	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-2080	Accented visualization application in interactive manuals for technical training and support	A V Ivaschenko, P V Sitnikov and A R Diyazitdinova	Samara State Technical University, Povolzhskiy State University of Telecommunications and Informatics

ASEDU-2081	Mathematical modeling system MatLab	D A Kurasov	Kurgan State University, Kurgan, Russia
ASEDU-2082	Online blended learning in the digital environment	Irlan Z Iskakov, Boris B Kovalenko, Maria S Turovskaia and Galina V Getmanova	University of the Inter-Parliamentary Assembly of the Eurasian Economic Union, State University of Aerospace Instrumentation, St. Petersburg, Russia
ASEDU-2083	Application of intelligent technologies and neural network modeling methods in the development of a hybrid learning environment	O V Druzhinina, O N Masina, A A Petrov and S V Shcherbatykh	Federal Research Center «Computer Science and Control» of Russian Academy of Sciences», Moscow, Russia; Bunin Yelets State University, Yelets, Russia
ASEDU-2084	Presentation in english language teaching in the context of higher education digitalization	M M Obidina, O B Nikolaeva, N N Grotskaya	Reshetnev Siberian State University of science and technology
ASEDU-2085	Applying of distance learning technologies within the digitalization of the educational process as a real alternative to education for persons with disabilities	E V Rezak and S G Pankrateva	Pacific National University; Far Eastern Institute of Management - branch of the Russian Academy of National Economy and Public Administration, Khabarovsk, Russia
ASEDU-2086	New Methods and Ways of Organizing the Educational Process in The Context of Digitalization	N U Yarychev, A U Mentsiev	Chechen State University
ASEDU-2087	The technique for future teachers' digital literacy development	Tatyana A Kulikova, Natalya A Poddubnaya, Lusine Sh Bagdasaryan and Aleksandr H Ardeev	North-Caucasus Federal University, Stavropol, Russia

ASEDU-2088	Specificity of information clustering in application to the problem of messages classification in social media	D V Moiseev, L I Lukina and O S Mikhailova	SEVASTOPOL STATE UNIVERSITY, Sevastopol, Russia, 299053
ASEDU-2089	Problems of the formation of digital competence in the modern educational space	T Bashkireva, A Bashkireva, A Morozov, S Tsvetkov and A Popov	Ryazan State University named after S.A. Yesenin, Ryazan, Russia; Research Institute of the of the Federal penitentiary service of Russia, Moscow, Russia; Vladimir branch of the Russian presidential Academy of national economy and public administration, Vladimir, Russia; Orenburg Institute of Railways, Orenburg, Russia
ASEDU-2090	Models of the threat of virus idea dissemination in information-telecommunication networks	D V Moiseev, L I Lukina and O S Mikhailova	SEVASTOPOL STATE UNIVERSITY, Sevastopol, Russia, 299053
ASEDU-2091	The Use of Digital Technologies in the Professional Training of Cadets	A A Eltemerov and S N Fedorova	
ASEDU-2092	Efficiency changes in students' intellectual activity during COVID-19 pandemic	A Voronin and A Rafikova	State Academic University for the Humanities, Moscow, Russia
ASEDU-2093	Modeling the organization of human resources in the region service sector in context of digitalization	O.S. Mutrakov, Z.G. Zainasheva	Ufa State Petroleum Technological University, Russia
ASEDU-2094	Review and analysis of existing solutions in terms of remote technologies for the implementation of the discipline "Databases"	O V Chengar, V I Shevchenko, I V Levchenko and A S Soina	Sevastopol State University, Sevastopol, Russia

ASEDU-2095	Impact of digital education on traditional education	N U Yarychev, A U Mentsiev	Chechen State University
ASEDU-2096	Digital education in the coronavirus era	A I Dzhangarov, H E Hanmurzaev and N V Potapova	Chechen State University, Groznyy; Kuban State University, Krasnodar, Russia
ASEDU-2097	Negative and positive impact of pandemic on education	Islam Magomedov	Chechen State University

Section 3. Modern educational technologies

ASEDU-3001	Traditional and digital technologies in professional education: integration opportunities	Alexandr M Vetitnev, Marina A Maznichenko, Dmitriy B Lopatinskiy and Ilia A Aksenov	Sochi State University, Vladimir State University named after Alexander Grigorievich and Nikolai Grigorievich Stoletov
ASEDU-3002	Updating the practical classes on acoustic safety	O V Plitsyna and T N Rogova	Russian University of Transport, Moscow, Russia
ASEDU-3003	Nurturing cognitive skills in undergraduates with the help of ontological analysis	A N Gushchin and M N Divakova	Ural State University of Architecture and Art, Ekaterinburg, Russia
ASEDU-3004	Requirements for learning automated information system	O L Servetnik, A A Pletukhina, O V Velts, E N Novikova and E N Tsyganko	North Caucasian Federal University, Stavropol, Admiral F.F. Ushakov State Maritime University, Novorossiysk, Russia
ASEDU-3005	The use of new forms and methods of training in digitalization	Lyudmila S. Vereschagina, Larisa A. Olhova, Olga N. Kozireva, Ekaterina A.	Saratov Socio-Economic Institute of Plekhanov (branch) of Russian University of Economics named after

		Padalka and Elena G. Nelyubina	G.V.Plekhanov, Samara State University of Social Sciences and Education
ASEDU-3006	The method for developing practice-oriented skills when studying the Control System Modeling course in the e-learning environment	I N Pozharkova	Siberian Fire and Rescue Academy EMERCOM of Russia, Zheleznogorsk; Siberian Federal University, Krasnoyarsk, Russia
ASEDU-3007	Clustering of secondary school students in Portugal	D A Petrusevich	Russian Technological University
ASEDU-3008	Humanization – a key principle of vocational education	M I Nadeeva	Kazan National Research Technological University, Kazan, Russia
ASEDU-3009	Informational mathematical competence as a predictor of critical thinking of students of pedagogical directions	E V Pozdnyakova, A V Fomina, I A Buyakovskaya and N A Non'	Novokuznetsk Institute (branch) Federal state budgetary educational institution of higher professional education "Kemerovo state University", Novokuznetsk, Russia
ASEDU-3010	Higher engineering education: traditions, regular and forced innovations	V V Andreev, O K Evdokimova, V I Gorbunov and L N Vasilieva	Chuvash State University, Cheboksary, Russia
ASEDU-3011	Multicultural text-based sentiment analysis and emotion recognition	I Lizunova, A Zakharova, D Fedotov and O Makhnytkina	ITMO University, Saint Petersburg, Russian Federation
ASEDU-3012	Automatic recognition of the psychoneurological state of 7-10 year-old children: autism spectrum disorders, Down syndrome, typical development	Yu N Matveev, E E Lyakso, A Yu Matveev and O V Frolova	Saint Petersburg State University, St. Petersburg, Russia

ASEDU-3013	Specific features of inhibition processes in junior schoolchildren with the handedness of the different type	V S Merenkova	Bunin Yelets State University, Yelets, Russian Federation
ASEDU-3014	Emotional intelligence development: necessary modern technologies in students training	A B Kondratenko, I D Rudinskiy, B A Kondratenko and O Ja Kravets	Kuznetsov Naval Academy in Kaliningrad, Immanuel Kant Baltic Federal University, Western branch of The Russian Presidential Academy of National Economy and Public Administration, Voronezh State Technical University
ASEDU-3015	Simulation of the gas fractionating unit of depropanization system and development of a computer training software	E A Shulaeva, D R Valitov and A I Kubryak	Branch of the Ufa State Petroleum Technological University in Sterlitamak, Sterlitamak, Russia
ASEDU-3016	Training system for designing computer games for early career guidance of schoolchildren (Junior Skills)	O Yu Zaslavskaya and A A Zaslavskiy	Moscow City University
ASEDU-3017	Lifelong learning as the way of modern personality development in Russia on the example of higher educational institution of technical and natural-scientific profile	N V Antonova, Zh N Shmeleva and N S Kozulina	Honorary Consulate of Mongolia in the Russian Federation (Krasnoyarsk, with jurisdiction Krasnoyarsk Krai), Krasnoyarsk, Russia, European Council for Business Education, Krasnoyarsk state agrarian university, Krasnoyarsk, Krasnoyarsk scientific and research institute of agriculture, Krasnoyarsk, Russia
ASEDU-3018	Commutation as a substitute phenomenon of the communicative competence of a hearing-impaired student with a complex defect structure	I L Solovyeva, N V Tarasova and S G Chigrina	Federal School for Advanced Studies RANEPa, Moscow, Russia

ASEDU-3019	Modern methodological approaches to environmental education at the university	Natalya V Fomina	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-3020	The experience of distance learning for students of Altai State University in the conditions of COVID-19	L I Tikhomirova and L P Dolgova	Altai State University, Barnaul, Russia
ASEDU-3021	Diagnostic testing of Russian EMERCOM cadets on their readiness for research activities	E Yu Troyak, I N Pozharkova and A Yu Troyak	FSBEE HE Siberian Fire and Rescue Academy EMERCOM of Russia, Zheleznogorsk, Russia
ASEDU-3022	Case studies and research design in the formation of competencies for bachelors in the field of Biotechnology	L I Tikhomirova	Altai State University, Barnaul, Russia
ASEDU-3024	Distance education paradigm: pro and contra	N M Mamedova	Plekhanov Russian University of Economics, Moscow, Russian Federation
ASEDU-3025	Distant studying experience reflection during pandemic of COVID-19 (on the example of teaching in the technical university)	Yu I Lobanova	Saint Petersburg State University of Architecture and Civil Engineering, Saint Petersburg, Russia
ASEDU-3026	Peer to peer Education 4.0	A V Gurjanov, D A Zakoldaev, A V Shukalov, I O Zharinov	Stock Company «Experimental Design Bureau «Electroavtomatika» named after P A Yefimov, Saint Petersburg; ITMO University, Saint Petersburg, Russia
ASEDU-3027	Practical experience of using LMS Moodle for personnel training of machine-building enterprises	Ekaterina A Petrakova, Yuliya I Brovkina, Tatiana V Divina and Maksim S Vishnevskii	Moscow Polytechnic University, Moscow, Russia; Academy of Labor and Social Relations, Moscow, Russia; The Russian Presidential Academy of National Economy and

			Public Administration, Moscow, Russia
ASEDU-3028	STEM education as the basis for the development of an innovator's thinking	M V Solodikhina, A A Solodikhina	Moscow Pedagogical State University, Moscow, Russia; Peoples' Friendship University of Russia, Moscow, Russia; National Research University Higher School of Economics, Moscow, Russia
ASEDU-3029	Use of generalized dual problem solutions in the game model of competence management problem	A V Zimin, I V Burkova, V V Zimin and O Ja Kravets	Siberian State Industrial University, V.A. Trapeznikov Institute of Control Sciences of Russian Academy of Sciences, Voronezh State Technical University
ASEDU-3030	Automated system of remote holding competitive and assessment procedures	I A Markovskaya, K N Narchuganov and N I Pak	Siberian Federal University; Krasnoyarsk State Pedagogical University named after V.P. Astafyev, Krasnoyarsk, Russia
ASEDU-3031	Educational engineering: the technological basis for creating educational products	I D Rudinskiy, O V Parakhina, N S Pugacheva and O Ja Kravets	Immanuel Kant Baltic Federal University, Voronezh State Technical University
ASEDU-3032	Visual structuring process of future teachers' transcultural thinking creation	G V Akhmetzhanova and T V Emelyanova	Togliatti State University, Togliatti, Russia
ASEDU-3033	On intercultural communicative competence of non-linguistic university students	M V Arkhipova, E V Zhulina, E E Dmitrieva, E Y Medvedeva and E A Olkhina	Minin Nizhny Novgorod State Pedagogical University, Nizhny Novgorod, Russia

ASEDU-3034	Improving the quality of education - a strategic framework for sustainable development	VV Okrepilov, VV Glukhov and EA Gorin	Saint-Petersburg State University of Aerospace Instrumentation, Peter the Great St. Petersburg Polytechnic University Saint-Petersburg, Russia
ASEDU-3035	The application of distance technology in student education	Yekimov Sergey, Tomashevskaya Agnessa, Popova Olena, Sergiy Tkachov, Tkachova Nataliia and Grechanyk Olena	Publishing House "Education and Science" s.r.o., Praha, Czech Republic
ASEDU-3036	Reflection as part of a distance learning lesson	A S Evdokimov and A D Shashkova	Herzen State Pedagogical University of Russia, Saint-Petersburg State University of Veterinary Medicine, Saint Petersburg, Russia
ASEDU-3037	Distance education based on smart-technology	Yekimov Sergey, Khlebnikova Talina, Trukhan Hanna, Kurilchenko Valeriya, Tkachov Artem, Ulianova Viktoria and Tomashevskaya Agnessa	Publishing House "Education and Science" s.r.o., Praha, Czech Republic
ASEDU-3038	Differentiated approach in development of the health-preserving culture formation method in Russian penitentiary system staff training	A A Burt, I Yu Sandalov, D S Ponomarev, S B Ponomarev and V E Polishchuk	Research Institute of the Federal Penitentiary Service of Russia, Moscow, Russia
ASEDU-3039	Statistical hypothesis testing as an instrument of pedagogical experiment (a case study of how nomadic life style shapes national identity of Evens school-age children)	I V Nikolaeva, T N Yamskikh, Yu A Sleptsov, I V Gogoleva, A A Chikizov, R Yu Tsarev, N V Bystrova and C J Momba	M.K. Ammosov North-Eastern Federal University, Yakutsk, Russia; Siberian Federal University, Krasnoyarsk, Russia; The Institute for Humanities Research and Indigenous Studies of the North, Russian Academy of Science, Siberian branch, Yakutsk, Russia; Yakut State Agricultural Academy, Yakutsk, Russia; Minin State Pedagogical University of Nizhny Novgorod, Nizhny Novgorod, Russia;

			Phalombe Teacher Training College, Blantyre, Malawi
ASEDU-3040	Criteria for development of the pedagogical model for inmate subculture expansion counteracting	S B Ponomarev, M M Gorohov, E V Dyuzheva, D S Ponomarev and V E Polishchuk	Research Institute of the Federal Penitentiary Service of Russia, Moscow, Russia; Research Scientist of Research Center No.1 of the Research Institute of the Federal Penitentiary Service, Moscow, Russia
ASEDU-3041	Examining the potential of VR and AR technologies for education	V S Magomadov	Chechen State University, Grozny, Russia
ASEDU-3042	Peculiarities of using G Suite for Education services in the educational process of Polotsk State University	Alena N Barun, Natallia V Dauhiala, Dzmitry A Dauhiala and Uladzimir U Dziatlau	Polotsk State University, Novopolotsk, Belarus
ASEDU-3043	Correctional education and child-rearing with visual impairment through involvement in work	Sergey Yekimov, Aleksey Masenko, Natalia Grankina and Elena Udina	Publishing House "Education and Science" s.r.o., Praha , Czech Republic
ASEDU-3044	Entropy-probabilistic modeling as a tool for forming key competencies of a doctor	A N Tyrsin, D A Yashin and A A Surina	Ural Federal University, South Ural State Medical University, South Ural State University
ASEDU-3045	Electronic poster as a way to implement educational activities	E V Pinevich, I M Kalinina, V V Abyshkina and Y A Tugova	1 Bauman Moscow State Technical University; Peoples' Friendship University of Russia (RUDN University), Moscow, Russia
ASEDU-3046	Educational service robotics in the Russian Federation	A N Kazak, N N Oleinikov, D V Gorobets, M A Ryndach and N P Shamaeva	V.I. Vernadsky Crimean Federal University, Simferopol, Russia; Udmurt State University, Izhevsk, Russia

ASEDU-3047	Assessment of digital equipment of higher educational institutions	D E Morkovkin, A A Gibadullin, V N Nezamaikin and N I Isaichykova	Financial University under the Government of the Russian Federation, Moscow, Russia, State University of Management, Moscow, Russia, Russian State University for the Humanities, Moscow, Russia, Gomel State Technical University named after P.O. Sukhoi, Gomel, Republic of Belarus
ASEDU-3048	Assessment of the use of digital technologies by students of higher education institutions	Ju A Romanova, D E Morkovkin, A A Gibadullin and I I Hutarava	Moscow state University of technology and management K.G.Razumovsky (PKU), Moscow, Russian Federation, Financial University under the Government of the Russian Federation, Moscow, Russia, State University of Management, Moscow, Russia, Belarusian State University, Minsk, Belarus
ASEDU-3049	Digital tools in corporate personnel training	V N Pulyaeva, I A Ivanova, A A Gibadullin, E N Rudakova and L G Rudenko	Financial University under the Government of the Russian Federation, Moscow, Russia, State University of Management, Moscow, Russia, Russian University of Transport, Moscow, Russia, Moscow Witte University, Moscow, Russia
ASEDU-3050	Innovative technology for assessing the quality of information security systems in the design of a modern educational environment	O M Bulgakov, A M Kadnova, N I Grebennikova, V A Meshcheryakov and R V Belyaev	Krasnodar University of the Ministry of Internal Affairs of the Russian Federation, Voronezh Institute of the Ministry of Internal Affairs of the Russian Federation, Voronezh State Technical University, Voronezh Institute of the Ministry of

			Internal Affairs of the Russian Federation, Central branch of the Russian State University of Justice, Air Force Academy named after Professor N.E. Zhukovsky and Yu. A. Gagarin
ASEDU-3051	The application of artificial intelligence and Big Data analytics in personalized learning	V S Magomadov	Chechen State University, Grozny, Russia
ASEDU-3052	Experience of the distance testing system development and operation	V A Bukanin, A N Ivanov and A V Boriskina	Saint Petersburg Electrotechnical University, Saint-Petersburg, Russia
ASEDU-3053	Design of the educational process of course "Programming fundamentals" in accordance with the CDIO ideology	A V Raskina, S A Videnin, A A Korneeva and M S Videnina	Siberian Federal University, Krasnoyarsk
ASEDU-3054	The Basis for System Dynamics and Agent-based Modeling of Strategic Management of Intellectual Capital in Educational Organizations	E N Ozhiganov, S V Nazyuta and A A Chursin	RUDN University, Moscow, Russia
ASEDU-3055	Using media resources to develop students' skills in self-educational activities	E V Astapenko and A V Bedareva	Reshetnev Siberian State University of Science & Technology, Krasnoyarsk, Russia
ASEDU-3056	Teaching EFL through culture and technologies	M V Arkhipova, E V Zhulina, N V Shutova, O A Orlova and E Y Medvedeva	Minin Nizhny Novgorod State Pedagogical University, Nizhny Novgorod, Russia; Lobachevsky University, Nizhny Novgorod, Russia; St Petersburg University, Saint Petersburg, Russia

ASEDU-3057	The technology of creating a multimedia electronic textbook without knowledge of programming languages	N V Zarishnyak	Department of Nursing, Orenburg State Medical University (OrSMU).
ASEDU-3058	Applying AI to teaching developers of new food products	O Ya Kolman, G V Ivanova and T N Yamskikh	Siberian Federal University, Krasnoyarsk, Russia
ASEDU-3059	Using the iSpring Suite computer platform in distance learning	Yuri V Kirillov	Novosibirsk State Technical University, Novosibirsk, Russia
ASEDU-3060	Partial programs in access to the social values: technology that changes preschool education	Olga Molchaniuk, Oksana Babakina, Kateryna Dmytrenko, Aryna Kharkivska, Olena Kapustina	«Kharkiv Humanitarian-Pedagogical Academy» of the Kharkiv Regional Council, Kharkov, Ukraine
ASEDU-3061	Self-development problems among students in the development of professional activities identified during the COVID-19 pandemic	A Morozov, T Bashkireva, A Bashkireva, A Kuraev and E Nebrodovskaya-Mazur	The Federal State Institution «Research Institute of the Federal penitentiary service of Russia», Moscow, Russia; Ryazan State University named after S.A. Yesenin, Ryazan, Russia; Moscow state University of technology and management named after K.G. Razumovsky, Moscow, Russia; Institute of world civilizations, Russia
ASEDU-3062	Integration of educational and industrial organizations in the implementation of the roadmap in the field of engineering and industrial design	S P Drukarenko, I V Kovalev, N A Testoyedov, A A Voroshilova and S G Efa	Russian Union of Scientific and Engineering Public Associations, Moscow, Krasnoyarsk Science and Technology City Hall, Siberian Federal University, Krasnoyarsk, Krasnoyarsk State Agrarian University, Reshetnev Siberian State University of Science and Technology,

			Krasnoyarsk, JSC "Academician M F Reshetnev Information satellite systems", Zheleznogorsk, Krasnoyarsk region, Russia
ASEDU- 3063	Cloud technologies in the education system	Adam U Mentsiev, Tamirlan R Magomaev and Kamila D Dauletukaeva	Chechen State University
ASEDU- 3064	Online education: steps to the future	J V Idrisova, L S Idigova and S Kh Alikhadzhiev	Chechen State University, Grozny, Russia
ASEDU- 3065	Implementation of means and methods of artificial intelligence in the organization of the educational process	Larisa V Gorbaneva, Irina A Ledovskikh and Ellina M Vikhtenko	Pacific National University, Khabarovsk, Russia
ASEDU- 3066	The impact of big data on the development of the education	Adam U Mentsiev, Tamirlan R Magomaev and Kamila D Dauletukaeva	Chechen State University
ASEDU- 3067	Development of engineering thinking with the use of research activities in the field of deep processing of plant raw materials	L V Yurtaeva, R A Marchenko, E V Kaplyov and D Yu Vasileva	Reshetnev Siberian State University of Science and Technology Krasnoyarsk, 660037, Russian Federation
ASEDU- 3068	Thesaurus tool for analyzing semantic compatibility of educational texts	Galina R Rybakova, Angelika Y Andreeva, Irina V Krotova, Tatiana L Kamoza and Olga V Chashchina	Siberian Federal University, Krasnoyarsk; Altai state technical University, Barnaul; municipal Autonomous educational institution V. I. Surikov secondary school No. 1, Krasnoyarsk, Russia

ASEDU-3069	Formation of network and cluster interaction mechanisms between universities and business structures in accordance with TRL-system	A A Stupina, I R Ruiga, I Boubriak, P A Kudryavtsev and Iu I Ovchinnikova	Siberian Federal University, Krasnoyarsk 660041, Russia, Oxford University, Oxford, UK
ASEDU-3070	The university digital transformation as a tool for human capital development	I S Bagdasarian, A A Stupina, O E Goryacheva and Zh N Shmeleva	Siberian Federal University, Krasnoyarsk 660041, Russia
ASEDU-3071	A new look at the problem of motivational ensuring for students in the secondary school	Yekimov Sergey	Publishing House "Education and Science" s.r.o., Praha , Czech Republic
ASEDU-3072	Use of modern pedagogical technologies in the educational process of the university	N G Ivanova, E S Shcheblyakov, S M Kurbatova, D V Rahinsky and A A Kuzhleva	Krasnoyarsk state pedagogical university of V.P. Astafyev, Krasnoyarsk, Krasnoyarsk State Agrarian University, Krasnoyarsk, Krasnoyarsk State Medical University named after Professor V.F. Voino-Yasenetsky, Krasnoyarsk, Russia

Section 4. Innovative pedagogical technologies

ASEDU-4002	Modeling the impact of University students research work on the results of their final certification	A Yu Melnykov, N Yu Shevchenko, Ye P Isakova and E Yu Bobkova	Donbas State Engineering Academy, K.G. Razumovsky Moscow State University of technologies and management (the First Cossack University)
ASEDU-4003	Distance learning online technologies as a promising form of the educational process for the humanities	Pavel V Limarev, Yulia A Limareva, Ekaterina G Zinovyeva, Valeria V Vikulina, Lilia M Votchel and Igor A Grygoryants	Nosov Magnitogorsk State Technical University, K.G. Razumovsky Moscow State University of technologies and management (the First Cossack University)

ASEDU-4004	The use of e-learning resources in distance learning	Y V Salamatina	Ural State University of Economics, Yekaterinburg, Russia
ASEDU-4005	Dialogue communication as a modern pedagogical technology in the psychological support of educational activities of students	E V Korepanova, E V Kirpicheva and S A Peryshkova	Michurinsk State Agrarian University, Michurinsk, Russia
ASEDU-4006	Development of computational thinking of students with a recursive polydisciplinary approach	I V Bazhenova, E V Kirgizova, M M Klunnikova and N I Pak	Siberian Federal University, Krasnoyarsk; Lesosibirsk School of Education — SibFU Branch, Lesosibirsk; Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia
ASEDU-4007	Elements in the management system at an educational organization of higher education: current trends	E A Letyagina	Institute of land surveying, cadastre and nature management of Krasnoyarsk state agrarian university, Krasnoyarsk, Russia
ASEDU-4008	Project-based method in the organization of educational activities	Rita I Btemirova, Larisa B Lazarova, Fatima A Kairova, Ilita A Sopoeva and Igor G Doev	Financial University under the Government of the Russian Federation, North-Caucasian Institute of Mining and Metallurgy (State Technological University)
ASEDU-4009	Linguo-conceptual analysis as an effective technology for organizing scientific and educational activities	N V Chernikova, I V Sidorova and V M Shvetsova	Michurinsk State Agrarian University, Michurinsk, Russia
ASEDU-4010	Modern educational formats: technology of flipped chemistry teaching	S V Popova, L P Petrisheva, E E Popova and O V Ushakova	Michurinsk State Agrarian University, Michurinsk, Russia
ASEDU-4011	Investigation of the English as a medium of instruction as a pedagogical technology in university educational activities	V I Litovchenko, Zh N Shmeleva	Reshetnev Siberian State University of Science and Technology; FSBEI HE Krasnoyarsk state agrarian university, Krasnoyarsk, Russia

ASEDU-4012	Creating an educational computer game "Modeling bid auction in the electricity market"	Yu N Zatsarinnaya, A G Logacheva and R N Gainullin	Kazan State Power Engineering University, Kazan, Russia, Kazan State Power Engineering University, Kazan, Russia, National Research Technological University, Kazan, Russia
ASEDU-4013	Technology for assessing students' satisfaction with studying at a higher state educational institution	S V Veretekhina, S V Krapivka, O L Mnatsakanian, O I Kireeva and E Yu Romanova	Russian State Social University, Moscow, Russia
ASEDU-4014	Modern technology for evaluating measures to optimize and improve the working conditions of teachers and staff	S V Veretekhina, S V Krapivka, O L Mnatsakanian, O I Kireeva, E Iu Romanova, I Iu Galin and S V Pivneva	Russian State Social University, Moscow, Russia
ASEDU-4015	Using the developed web-application for solving problems of increased complexity in mathematics	E V Volodina, E A Mikishanina	Chuvash State University
ASEDU-4016	Education through art	L G Savenkova	Institute of Art Education and Cultural Studies of Russian Academy of Education, Moscow, Russia
ASEDU-4017	The development of students' information skills during project-based learning	O L Osadchuk, E V Lopanova, N V Savina	Siberian State Automobile and Highway University; Private Educational Organization Institution of Higher Education "Omsk Humanitarian Academy"; Omsk State Pedagogical University, Omsk city, Russia
ASEDU-4018	Indicators for assessing the educational activities of teachers in Russian universities	Ilshat Z Garafiev and Gulshat I Garafieva	Kazan National Research Technological University, Kazan, Russian Federation

ASEDU-4019	The issue of variability in higher education in Russia	T N Vinichenko , M A Kovaleva, E V Bezverkhaya , D G Slashchinin	Siberian Federal University, 82/6 Svobodny pr., 660041 Krasnoyarsk, Russia 2Reshetnev Siberian State University of Science and Technology, Institute of chemical technology, 57/A Markovsky St., 660049 Krasnoyarsk, Russia 3Kyrgyz State Technical University named after I. Razzakov, 720044, Bishkek, 66, Chingiz Aitmatov Avenu, Kyrgyzstan
ASEDU-4020	Ensuring customer satisfaction with additional professional education in the context of risk-based thinking	O N Fedonin, T P Mozhaeva, A Z Simkin and A S Proskurin	Bryansk State Technical University, Bryansk, Russia
ASEDU-4021	Modern aspects of teacher's professional culture formation	N P Khodakova and A V Antonova	Moscow City University, Moscow, Russia; Moscow Pedagogical State University (MPGU), Moscow, Russia
ASEDU-4022	Implementing e-learning with personalized trajectories	P A Russkikh , D V Kapulin and I A Moor	Siberian Federal University, Krasnoyarsk, Russia
ASEDU-4023	Androgogy of Education 4.0 for university lecturers of technical subjects	A V Shukalov, D A Zakoldaev, I O Zharinov, O O Zharinov	ITMO University, Saint Petersburg; Saint Petersburg State University of Aerospace Instrumentation, Saint Petersburg, Russia
ASEDU-4024	General technical personnel preparation using studying and production union of universities	A V Gurjanov, D A Zakoldaev, A V Shukalov, I O Zharinov	Stock Company «Experimental Design Bureau «Electroavtomatika» named after P A Yefimov, Saint Petersburg; ITMO University, Saint Petersburg, Russia
ASEDU-4025	Active methods of teaching technical disciplines in educational organizations	A A Popov, S N Masaev, D A Edimichev and E V Musiyachenko	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia

ASEDU-4026	Use of remote technologies in education of pupils with disabled health and disabled children	I.V. Duda	Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia
ASEDU-4027	University and a non-profit organization activities for social adaptation of disabled people	S V Sergeeva, O A Vagaeva, D V Efimova, N M Galimullina and A A Lushnikov	Penza State Technological University, Penza; Penza State Technological University, Penza; Penza State Technological University, Penza; Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan; Autonomous Non-Profit Organization “Kvartal Lui”, Penza, Russian Federation
ASEDU-4028	Hermeneutisation of education in the digital age	M D Kuparashvili and A B Nikolaeva	Omsk State University, Omsk, Russia
ASEDU-4029	Industry-specific translators training in business field: case study of the non-linguistic university	N G Sivtseva, N A Paskova, S K Voronova and I S Shilnikova	Irkutsk National Research Technical University; Irkutsk State University, Irkutsk, Russia
ASEDU-4030	Demonstration exam as an innovative form of assessment of the formation of labor functions of future teachers	I V Duda, M V Basalaeva and Y R Yudenko	Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia
ASEDU-4031	Methodology of building a master’s individual educational route for effective development of professional competencies	O I Antamoshkina, O V Zinina and J A Olentsova	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-4032	The University digital educational environment potential in the future teacher professional and personal development	M A Zakharova, V N Mezinov and E L Mironova	Bunin Yelets State University, Yelets, Russia

ASEDU-4033	Application of interactive technologies in organizing training of managers and specialists of the fuel and energy complex in the field of industrial safety	E V Glebova, B S Zayats, A T Volokhina and A E Vikhrov	National University of Oil and Gas "Gubkin University", Moscow; Togliatti State University, Togliatti; Russia
ASEDU-4034	Targeted training as an educational institution framework to nurture its academic staff	N B Golovanova, S A Kudzh and V Ya Tsvetkov	MIREA – Russian technological university, Moscow, Russia
ASEDU-4035	The problems of graduate training education specialties	S Yekimov, O Turchanin, N Grankina, M Klimenko, T Stepchenko and D Iakovets	Publishing House "Education and Science" s.r.o., Praha, Czech Republic
ASEDU-4059	Fundamentalization of mathematical training: looking for promising solutions	Irina V Bogomaz, Inga Y Stepanova	1Krasnoyarsk state pedagogical University named after V. P. Astafiev, 2Siberian Federal University, Krasnoyarsk, Russia,
ASEDU-4060	Project technology as a means of developing students' communication skills	N V Morgacheva, E B Sotnikova, S V Shcherbatykh and L N Shcherbatykh	Bunin Yelets State University
ASEDU-4061	Integration of sustainability in metallurgical education: analysis of educational practices CDIO	I V Dubova, G S Sanacheva, T R Gilmanshina, N V Vasyunina and N V Merdak	Дубова Ирина Владимировна, Саначева Галина Сергеевна, Гильманшина Татьяна Ренатовна, Васюнина Наталья Валерьевна, Мердак Надежда Васильевна
ASEDU-4062	Strategies for the formation of lean competencies of students in the educational process of the university	S V Mishina	Bunin Yelets State University
ASEDU-4063	The use of digital technologies in the professional training of cadets	A A Eltemerov, S N Fedorova	Mari State University, Yoshkar-Ola, Russia

ASEDU-4064	Academic motivation of students in the period of digital transformation of the educational environment	V N Pulyaeva, A A Gibadullin, D G Zerkin and V V Eismunt	Financial University under the Government of the Russian Federation, Moscow, Russia, State University of Management, Moscow, Russia, Russian University of Transport, Moscow, Russia, Military University of the Russian Federation, Defense Ministry, Moscow, Russia
ASEDU-4065	Structural and logical circuits in learning activities under conditions of education digitalization	L V Bakeyeva, L I Brylevskaya, E V Pastukhova, Y S Romanova and O A Skepko	Saint Petersburg Mining University
ASEDU-4066	Nobel hopes competition as a means of developing the cognitive interest of students	A G Mukhametzyanova, V V Bronskaya and O S Kharitonova	Kazan National Research Technological University, Kazan, Russia
ASEDU-4067	Special needs for training professionals majoring in 'Quality management' for agricultural enterprises	E I Cherkasova, T N Fomina and D V Glebova	Timiryazev Russian State Agrarian University, Moscow; Novosibirsk State Pedagogical University, Novosibirsk, Russian Federation
ASEDU-4068	Natural-scientific cases as an instrument for assessment of logical thinking	M V Solodikhina, N I Odintsova and E E Odintsova	Moscow Pedagogical State University; Peoples' Friendship University of Russia, Moscow, Russia
ASEDU-4069	Distance learning in Russia during the coronavirus pandemic	J A Olentsova	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-4070	Modern approaches to polytechnic education	O N Likhacheva, O B Shilovich, E V Tymchuk, S I Shiyah, Yu V Pupkova and R V Kostenko	Kuban State Technological University, Krasnodar, Russia
ASEDU-4071	The some problems of humanitarian training of future specialists in pedagogical specialties	Yekimov Sergey, Getmanets Ganna, Miroshnik Larysa, Sosnina Tetyana, Miroshnik Larysa, Havrylenko	Publishing House "Education and Science" s.r.o

		Anastasiia, Vasylieva Nadiia , Zymivets Nataliia , Bondarenko Zoya	
ASEDU-4072	Elaborating test materials for digital assessment of BSc students' learning outcomes in training area 35.03.06 "Agroengineering", profile "Electrical Equipment and Electrotechnology"	L V Zanfirova, T P Kovalenok, E A Ovsyannikova, Ya S Chistova and N A Sergeeva	Russian State Agrarian University – Moscow Timiryazev Agricultural Academy
ASEDU-4073	Modern trends in the digitalization of education	D A Petrusevich	MIREA - Russian Technological University
ASEDU-4074	Pre-processing of data on the behavior of users of the Moscow Electronic School service	Y V Frolov and T M Bosenko	Moscow City Pedagogical University, Moscow, Russia
ASEDU-4075	Elective courses for training the mathematics teachers to realise STEM approach	O V Tumasheva, M B Shashkina, L V Shkerina and Yu E Valkova	Krasnoyarsk State Pedagogical University n.a. V.P. Astafyev, Krasnoyarsk; Krasnoyarsk State Pedagogical University n.a. V.P. Astafyev, Krasnoyarsk; Krasnoyarsk State Pedagogical University n.a. V.P. Astafyev, Krasnoyarsk; Financial University under the Government of the Russian Federation, Moscow, Russia
ASEDU-4076	Pedagogical tools of eutagology in the higher education system	I V Klimova, A S Kostina, N S Livak, V V Lebedikhin	Reshetnev Siberian State University of Science & Technology, Krasnoyarsk, Russia
ASEDU-4077	Experience in organizing project-oriented activities in a modern network society	S V Zenkina, A A Lubsky, M V Savchenkova, M N Tsygankova and O P Pankratova	Academy of Social Management, Moscow; Lyceum, Protvino, Moscow region; Russian National Research Medical University named after N.I. Pirogov, Moscow; Academy of Education; Moscow; North

			Caucasus Federal University, Stavropol, Russia
ASEDU-4078	Continuing education potential to form research competence of students	P Yu Romanov, T P Zlydneva, I I Kinzina, L S Ryazanova, L V Smirnova and A A Tsaran	Nosov Magnitogorsk State Technical University, Magnitogorsk, Russia
ASEDU-4079	Modern pedagogical technologies for prevention of conflicts between students of vocational education institutions	A L Zolkin, A N Kornetov, V A Mironchuk, D R Giniyatullina and G V Ryabkova	Povolzhskiy State University of Telecommunications and Informatics, Samara; Siberian State Medical University, Tomsk; Federal State Budgetary Educational Institution of Higher Education "Kuban State Agrarian University named after I.T. Trubilin", Krasnodar; Kazan state institute of culture, Kazan; Moscow Aviation Institute (National Research University), Moscow, Russia
ASEDU-4080	Impact of digitalization on the pedagogical aspects of traditional education	N U Yarychev, A U Mentsiev	Chechen State University
ASEDU-4081	Adaptation of students to distance learning during COVID-19 in terms of cardiovascular indicators	A Bashkireva, T Bashkireva, A Morozov, I Osipenko and N Abol'yanina	Ryazan State University named after S.A. Yesenin, Ryazan, Russia; The Federal State Institution «Research Institute of the of the Federal penitentiary service of Russia», Moscow, Russia; Smolensk state medical University, Smolensk, Russia; First Moscow state medical University named after I.M. Sechenov, Moscow, Russia
ASEDU-4082	Interaction of educational organizations and state companies (theory, practice, law)	A Yakovlev	State University of Management, Moscow, Russia; Diplomatic Academy of the Ministry of Foreign Affairs of the Russian Federation, Moscow, Russia; Gzhel State

University, Moscow region,
Russia

ASEDU-4083	Principal components of implementation of "University-3.0" transformation in the development of innovative-entrepreneurial activities of modern higher educational institutions	Sh. A. Rakhmatov, A.B. Nizamov	Bukhara Engineering-Technological Institute, Bukhara, Uzbekistan
ASEDU-4084	Counterexamples and critical thinking formation	E.V. Neiskashova, T.N. Fomina	Timiryazev Russian State Agrarian University, Moscow, Russia
ASEDU-4086	The relationship of value and meaningful orientations of modern students to pedagogical technologies of organizing educational activities	S V Andryewskaja, Y O Bryksa, I G Douzhyk, A S Kiryienka, A Y Khudziakov	Polotsk State University, Polotsk, Belarus

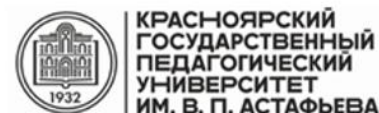
Конференции с открытой регистрацией



IV Международная конференция "AGRITECH-IV - 2020: Агробизнес, экологический инжиниринг и биотехнологии", 18-20 ноября 2020 года. Публикация трудов в IOP Conference Series: Earth and Environmental Science (Scopus, CPCL-S (Thomson Reuters, Web of Science), РИНЦ, Ядро РИНЦ)



III Международная конференция "MIST: Aerospace III-2020: Передовые технологии в аэрокосмической отрасли, машиностроении и автоматизации", 20-21 ноября 2020. Регистрация - август-ноябрь 2020. Публикация материалов IOP Conference Series: Materials Science and Engineering (Scopus, CPCL-S (Thomson Reuters, Web of Science), РИНЦ, Ядро РИНЦ) и Key Engineering Materials (Scopus Q3, РИНЦ, Ядро РИНЦ)



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I International Conference ASEDU-I 2020: Advances in Science, Engineering and Digital Education

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