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| Contracte de cercetare |
| Anul | Denumirea contractuluiși programului de finanţare | Tipul finanţării (Nationala/ Internationala | Nr. contract | Instituţia coordonatoare | Nume director proiect | Perioada de derulare |
| 2021 | Enhancing Career and Service Learning in Higher Education ENHANCEErasmus+ | International | 2021-1-ES01-KA220-HED-000031128 | UNIVERSIDAD DE VALLADOLID, Spania | SPÂNU Paulina | 2021 – 23 |
| 2021 | Reinforcing Non-University Sector at the Tertiary Level in Engineering and Technology to Support Thailand Sustainable Smart Industry (ReCap4.0)Erasmus+ CapacityBuilding in the field of Higher Education (CBHE) | International | 619325-EPP-1-2020-1-TH-EPPKA2-CBHE-JP | Asian Institue of Technology (AIT), Thailanda | DIJMĂRESCU Manuela Roxana | 2021 - 24 |
| 2021 | "PROTECT – PROmoting Transformative and Environmental Competences using TechnologyErasmus+ | International | 2021-1-IT02-KA220-SCH-000032800 | ANTARES Società per lo Sviluppo dei Sistemi Organizzativi a rl - Italia | TARBĂ Ioan Cristian | 2021 – 24 |
| 2021 | Proiectarea și asamblarea unor paleți agabaritici pentru automatizarea unei linii de fabricație industriale | Nationala | 1/2021 | UNSTPB | ABAZA Bogdan | 2021 |
| 2022 | Advanced e-Learning for Cultural Heritage Restorers SpecialisationErasmus+ | International | 2021-1-IT01-KA220-VET-000028100 | Associazione “ARTE E FEDE”, Italia | SAVU Tom | 2022 – 24 |
| 2022 | Misura dell’Efficacia con lo storytelling conversazionaleErasmus+ | International | 2022-1-IT02-KA210-ADU-000084330 | MATTERS SRL, Italia | SAVU Tom | 2022 – 24 |
| 2022 | High Professional Skills for Advanced Science CommunicationErasmus+ | International | 22022-1-IT01-KA220-VET-000086033 | Fondazione IDIS-Città della Scienza, Italia | SAVU Tom | 2022 – 25 |
| 2023 | FLOWS - Further Learning, Outreach and Working SkillsErasmus+ | International | 2022-1-TR01-KA220-YOU-000089240 | ISKUR CARSAMBA HIZMET MERKEZI MUDURLUGU, Turcia | SPÂNU Paulina | 2023 – 24 |
| 2023 | High Intelligent Tutoring System for the academic success (HITS)Erasmus+ | International | 2023-1-IT02-KA220-HED-000152340 | UNIVERSITA DEGLI STUDI DI CAMERINO, Italia | SPÂNU Paulina | 2023 – 26 |
| 2023 | Cercetări privind proiectarea și realizarea unor componente de matrițe pentru îndoirea unor terminale pentru conexiuni electrice | National | 1 / 20 iulie 2023 | POLITEHNICA București | Lazăr Marius-Vali | 20.07.2023-31.12.2024 |
| 2024 | Contract de prestări servicii de cercetare | National | 01/04/2024 | POLITEHNICA București | Lazăr Marius-Vali | 01.04.2024-31.12.2027 |
| 2024 | DREAMER - Development and Reconstruction Empowerment through Advanced Project Management Education and ResearchErasmus+ | International | 2024-1-SK01-KA220-HED-000248287 | Slovak University of Technology in Bratislava (STUBA) - Slovacia | TARBĂ Ioan Cristian | 2024 - 27 |
| 2023 | Model inteligent de monitorizarea a vibratiilor cu integrarea automata a diagnosticarii defectelor arborilor principali de turatii mari in contextul digitalizarii industriale | Națională | Contract ARUT nr.60 | POLITEHNICA București | Conf.dr.ing. Claudiu BÎȘU | 2023-2024 |
| 2021 | Cercetarea conformității fabricației unor repere din material plastic obținute prin injecție în matrițăContract cu terți | Națională | SPETROMAS SRLContract nr.17808/24.09.2021 | POLITEHNICA București | Conf.dr.ing. Dana TILINĂ | 09.202110-2021 |
| 2020 | Prelucrarea materialelor avansate pe bază de aliaje de Ti și Co prin microgăurire electroerozivă asistată deultrasunete/UEFISCDI/Programul 2 –Creșterea competitivității economiei românești prin cercetare, dezvoltare și inovare | Nationala | 329 PED/2020 | UNSTPB | Liviu Daniel Ghiculescu |  |
| 2022 | Dezvoltarea și producerea de orteze de mână imprimate 3D în punctele deîngrijire și recuperaremedicală/UEFISCDI/Programul 4 – Cercetare fundamentală și de frontieră | Nationala | PCE 94/ 2022 | UNSTPB | Popescu Diana |  |
| 2023 | Automatizarea unui flux logistic deasamblare/UNSTPB | Nationala | ARUT110/04.12.2023 | UNSTPB | Chiscop Florina |  |
| 2023 | Sistem automatizat de colectare separată a deșeurilor de echipamente electrice și electronice/UNSTPB | Nationala | ARUT139/04.12.2023 | UNSTPB | PopaLaurentiu |  |
| 2023 | Creșterea vitezei si preciziei de asamblare prin procesarea video aimaginii/UNSTPB | Nationala | ARUT48/10.10.2023 | UNSTPB | ParpalaRaduConstantn |  |
| 2023 | Automatizarea montajului de fuzibile si relee incutiile din cablaje/UNSTPB | Nationala | ARUT50/10.10.2023 | UNSTPB | CazacuCarmen-Cristiana |  |
| 2020-2024  | Improving Cancer Diagnostics in Flexible Endoscopy using Artificial Intelligence and Medical Robotics (IDEAR)  | Internaţională RomâniaNorvegia  | RO-NO 2019-0138  | UNIVERSITATEA DIN CRAIOVA  | Pastramă ŞtefanDan  |  |
| 2020-2023  | Reactive Inkjet Printing of Epoxy Thermoset Composites (RIPE4TEC)  | Internaţională Orizont 2020  | M.ERANET 167/2020  | JOANNEUM RESEARCH (AUSTRIA)  | Constantinescu Dan-Mihai  |  |
| 2020-2023  | Sistem inteligent mobil de conversie a resurselor proprii si de optimizare a consumului de energie pentru producatori cu potential ridicat de poluare (SyCON)  | Naţională Program Operațional Competitivitate2014-2020  | POC/163/1/3/121404   | AUDIT IT&C SRL  | Hadăr Anton  |  |
| 2020  | Research of Two Aetna Standard Piercing Mills to Determine Their Load Capability  | Naţională  | Contract de Prestări Servicii Nr. 9620 / 03.06.2020 (nr. Intern 8450 / 17.06.2020)  | IPROLAM S.A.  | Sorohan Ştefan  |  |
| 2021  | Studiul stării de tensiune şi deformaţie cu metoda elementelor finite a trei capete de extruzie de 3000 tf  | Naţională  | Contract de Prestări Servicii Nr. 11291/21.06.2021  | IPROLAM S.A.  | Baciu Florin  |  |
| 2022  | Testarea rezistentei la rupere a 4 epruvete fabricate din material compozit de TiC cu matrice metalica de Inconel 718  | Naţională  | Contract de Prestări Servicii Nr. 26864/14.11.2022  | INCDFLPR  | Baciu Florin  |  |
| 2022  | Studiul stării de tensiuni si deformaţie cu metoda elementelor finite a trei capete de extruzie de 3000 tf  | Naţională  | Contract de Prestări Servicii Nr. 11291/21.06.2021  | IPROLAM S.A.  | Baciu Florin  |  |
| 2022  | Teste de vibrații pe componenta din domeniul aerospatial  | Naţională  | Contract de Prestări Servicii 1264/08.04. 2022  | S.C. High Performance Structures Inovaţie şi Dezvoltare SRL  | Apostol Dragoş Alexandru  |  |
| 2022-2023  | Testarea unui element elastic la frecvența de 0,5 Hz, supus unei mișcări unghiulare de ±300 un număr de 106 cicluri Testarea unui element elastic la mișcarea pe verticală a acestuia pe o cursă de 7,5 mm cu o frecvența de 20 Hz un număr de 107 cicluri  | Naţională   | Contract de Prestări Servicii Nr. 26863/14.11.2022  | S.C. TECNA GENERAL CONSTRUCT S.R.L.  | Baciu Florin  |  |
| 2024  | Studiu privind evaluarea deformaţiilor specifice cu mărci tensometrice la încercarea la încovoiere a 4 (patru) grinzi de poduri la viaductele de acces pod Brăila  | Naţională   | Contract de Prestări Servicii Nr. 24006/10.05.2024 (Nr. intern UPB: 1550/10.05.2024)  | INCERTRANS S.A  | Ciolcă Miruna  |  |
| 2024  | Studiu privind evaluarea deformatiilor specifice cu marci tensometrice la încercarea la incovoiere a 6 (șase) grinzi prefabricate de beton, apmplasate pe stand, din cadrul Proiectului “Autostrada A1 Lot 5 Pitești – Curtea de Argeș”  | Naţională   | Contract de Prestări Servicii Nr. 24009/29.10.2024 (Nr. intern UPB: 33285/18.10.2024)  | INCERTRANS S.A  | Ciolcă Miruna  |  |
| 2024  | Studiu privind evaluarea stării de tensiune a structurii de rezistență a unei caje nou proiectate de laminor  | Naţională  | Contract de Prestări Servicii nr. 9781 / 13.05.2024 (Nr. intern UNSTPB: 9129 / 20.05.24)  | IPROLAM S.A.  | Neagoe Cătălin  |  |
| 2024  | Testarea la tracțiune a unor epruvete de aluminiu  | Naţională  | Contract de Prestări Servicii 4956 /18.03.2024  | S.C. High Performance Structures Inovaţie şi Dezvoltare SRL  | Constantinescu Dan-Mihai  |  |
| 2024  | Testarea la oboseală a unor epruvete de aluminiu  | Naţională  | Contract de Prestări Servicii 4957 /18.03.2024  | S.C. High Performance Structures Inovaţie şi Dezvoltare SRL  | Constantinescu Dan-Mihai  |  |
| 2024  | Testarea la tracțiune a unor epruvete de carbon  | Naţională  | Contract de Prestări Servicii nr 4958/18.03. 2024  | S.C. High Performance Structures Inovaţie şi Dezvoltare SRL  | Constantinescu Dan-Mihai  |  |
| 2021  | Virtual & Augmented Reality Trainers Toolbox To Foster Low Carbon Tourism & Related Entrepreneurship (VINCI) ERASMUS+ , KA2Strategic partnership  | Internationala   | 2021-1MT01KA220-VET-000025011  | MECB Ltd.  | Prof.univ.dr.ing. Catalin Gheorghe Amza  | 2022-2024  |
| 2021  | EuropeAn 3d printinG poLymer opErators (EAGLE) ERASMUS+ , KA2Strategic partnership  | Internationala   | 2021-1CZ01KA220-VET-000033007  | Evropská rozvojová agentura, s.r.o. , Cehia  | Prof.univ.dr.ing. Catalin Gheorghe Amza  | 2021-2024  |
| 2021  | “A Modular VR & AR Based Educational ToolkitTo Help EU Adults Foster Climate Neutral Practices (VITAL) ERASMUS+ , KA2Strategic partnership  |  Internationala   | 2021-1CZ01KA220-ADU-000026532  | Palacký University Olomouc, Cehia  | Prof.univ.dr.ing. Catalin Gheorghe Amza  | 2022-2024  |
| 2022  | Studii de caz privind evaluarea riscurilor de Securitate și Sănătate în Muncă, în cadrul SC GENERAL PUBLIC SERV SA /Contracte cercetare terti  | Nationala  | 83  | POLITEHNICA Bucuresti  | S.l.dr.ing. Dumitriu Loredana  | 2022  |
| 2022  | Solutii constructive alternative pentru realizarea produselor de tip tija utilizate in industria agricola, in cadrul SC SMART BYTE SOFT SRL /Contracte cercetare terti  | Nationala  | 15  | POLITEHNICA Bucuresti  | Conf.dr.ing.Dum itru Titi Cicic  | 2022  |
| 2023  | Studii de caz Designul identității grafic-vizuale a noului site e-dermashop pentru EXPERT COSMETICS S.R.L. /Contracte cercetare terti  | Nationala  | 7  | POLITEHNICA Bucuresti  | Ș.L.Dr. Ing. Ioana-Cătălina ENACHE  | 2023  |
| 2023  | Designul identităţii grafic-vizuale” pentru S.C. INDARTECH SRL /Contracte cercetare terti  |  Nationala  | 8  | POLITEHNICA Bucuresti  | S.l. Dr. Ing. Ana-Maria NICOLAU  | 2023  |
| 2023  | Cercetari teoretice si experimentale privind elaborarea unor proceduri de reparatie/incarcare prin sudare, respectiv infiintarea unui laborator de sudare in cadrul firmei SC Arva Metals & Steels SRL /Contracte cercetare terti  |  Nationala  | 76  | POLITEHNICA Bucuresti  | Conf.univ.dr.ing. Dumitru Titi Cicic  | 2023  |
| 2023  | “Enabling Industry 4.0 skills in textile SMEs” – TEX4.0 ERASMUS+ , KA2Strategic partnership  | Internationala   | 2023-1DE02KA220-VET-000154009  | Technical University of Dresden, Germania  | Prof.univ.dr.ing. Catalin Gheorghe Amza   | 2023-2025  |
| 2024  | Building Opportunities for SMEs Sustainable Entrepreneurship with Artificial Intelligence in Industry 5.0 - BOOST-AI ERASMUS+ , KA2Strategic partnership  | Internationala   | 2024-1RO01KA220-HED-000246238  | POLITEHNICA Bucuresti  | Prof.univ.dr.ing. Catalin Gheorghe Amza  | 2024-2026  |
| 2024  | TRAINEE - Advanced MR Training foR HumAn-Centric ProductIon EmpoweriNg Engineering TalEnt – TRAINEE ERASMUS+ , KA2Strategic partnership  | Internationala   | 2024-1MT01KA220-HED-000246701  | University of Malta, Malta  | Prof.univ.dr.ing. Catalin Gheorghe Amza  | 2024-2027  |
| 2024  | Studiu privind sanatatea si securitatea in munca pentru mediul de lucru al unui operator distributie echipamente industriale /Contracte cercetare terti  | Nationala  | 41  | POLITEHNICA Bucuresti  | Prof.univ.dr.ing Oana Roxana Chivu  | 2024  |
| 2021  | "Proiectarea si optimizarea constructiva a unei hale industriale folosite la vopsirea in camp elecrostatic | Nationala   |   | POLITEHNICA Bucuresti  | S.l.univ.dr.ingFlo rea Bogdan  | 2021  |
| 2021  | "Aprecierea calitatii arborilor pepicior prin metode nedistructive"  |  Nationala  | 12946  | POLITEHNICA Bucuresti  | S.L. Petriceanu Constantin Stefan  | 2021  |
| 2021  | "Controlul la receptie al produselor importate"  | Nationala  | 14894  | POLITEHNICA Bucuresti  | S.L. Petriceanu Constantin Stefan  | 2021  |