

Titlu (original)	Titlu (in ro)	Nume profesor coordonator	Adresa de contact prof. coordonator	Nr. maxim de studenti per tema
Intelligent Head-mind controled system	Sistem inteligent de control mental	Goga Nicolae	n.goga@rug.nl	1-2
Psychological inteligent chatbot	Chatbot inteligent psihologic	Goga Nicolae	n.goga@rug.nl	1-2
Game with application in psychology	Jocuri cu aplicatii in psihologie	Goga Nicolae	n.goga@rug.nl	1-2
Intelligent system for track routing	Sistem inteligent pentru controlul rutelor camioanelor	Goga Nicolae	n.goga@rug.nl	1-2
Decision-Support System based on AI/ Machine learning – web-based or desktop-based or Unity 3D-based application	Sistem de asistare a deciziilor bazat pe AI / Machine learning - aplicatie web sau desktop sau Unity 3D	DASCALU Maria-Iuliana	maria.dascalu@upb.ro	1
Experiential/ Game-based Learning Instrument using VR/AR – Unity (e.g. driving)	Instrument de învățare experiențială / bazată pe joc folosind VR / AR - Unity (de ex. sofat)	DASCALU Maria-Iuliana	maria.dascalu@upb.ro	1
Training system based on virtual reality and conversational agents (for a certain domain)	Sistem de instruire bazat pe realitate virtuală și agenți de conversație (pentru un anumit domeniu)	DASCALU Maria-Iuliana	maria.dascalu@upb.ro	1
Increasing Visibility of Cultural Objects by using Modern ICT Tools	Creșterea vizibilității obiectelor culturale prin utilizarea instrumentelor TIC moderne	DASCALU Maria-Iuliana	maria.dascalu@upb.ro	1
Repo - Android Application for Home Appliance Repairs	Repo - Aplicatie Android pentru servicii de depanare casnica	Dan Alexandru Mitrea	alexandru.mitrea@upb.ro	1
Web Application for Hospital Management	Aplicatie web pentru sistemul de management al spitalelor	Dan Alexandru Mitrea	alexandru.mitrea@upb.ro	1
Comparative evaluation of virtual machine performance	Evaluarea comparativa performante masini virtuale	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
GIS centralized web application	Aplicatie web centralizata GIS	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Computer network laboratory platform	Platforma laborator retele calculatoare	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Virtual lab for operating systems	Lab virtual pentru sisteme de operare	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Virtual security solutions lab	Lab virtual solutii de securitate	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
IPSEC VPN lab platform	Platforma laborator VPN IPSEC	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
SSL VPN lab platform	Platforma laborator VPN SSL	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Integrated GPS position reporting with GIS map	Raportare integrata a pozitiei GPS cu harta GIS	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Smart GIS map with coordinate conversion	Harta inteligenta GIS cu conversie de coordonate	Constantin Viorel MARIAN	constantinvmarian@gmail.com	1-2
Car fleet monitoring with GIS representation	Monitorizarea flotei auto cu reprezentare GIS	Constantin Viorel MARIAN	constantinvmarian@gmail.com	Alina Nicoleta Birlog
IT&C security: best practices for high level data forensics	Securitate IT&C: cele mai bune practici pentru investigarea datelor la nivel înalt	Constantin Viorel MARIAN	constantinvmarian@gmail.com	Tanase Ionela
Image comparison tools aggregation for forensic investigation	Compararea imaginilor in cadrul investigațiilor criminalistice	Constantin Viorel MARIAN	constantinvmarian@gmail.com	Anda Negru
Tools aggregation for WiFi security checking	Agregarea instrumentelor pentru verificarea securității rețelelor WiFi	Constantin Viorel MARIAN	constantinvmarian@gmail.com	
MicroPython apps.	MicroPython / IOT	Pavaloiu Bujor	klingo_w@yahoo.com	Ion Ana-Maria
Digital Signal Processing Applications (Audio, Medical, etc...) in Matlab	Procesare de semnal	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Digital Signal Processing Applications (Audio, Medical, etc...) in Pythor	Procesare de semnal / IOT	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Digital Signal Processing Applications (Audio, Medical, etc...) in microf	Procesare de semnal / IOT	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Image Processing Applications (Compression, Denoising, Medical, etc	Procesare de imagine	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Image Processing Applications (Compression, Denoising, Medical, etc	Procesare de imagine / IOT	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Image Processing Applications (Recognition, Medical, etc.) on PC usin	Procesare de imagine / IOT	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Machine/Deep Learning Applications (in Python or Matlab)	Aplicatii folosind Deep Learning	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.

Deep Learning on Raspberry Pi with Coral Edge TPU	Deep Learning in IOT	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Virtual Reality Applications & Games in Unity, esp. Serious Games	Aplicatii VR in Unity	Pavaloiu Bujor	klingo_w@yahoo.com	Max 2 per ap.
Web Crawler and Study of the Romanian Blogosphere	Studiul blogosferei din Romania	Pavaloiu Bujor	klingo_w@yahoo.com	Max 2 per ap.
3D Reconstruction using Turntable, Web Camera and Structured Light	Reconstructzia 3D a unui obiect folosind lumina structurata	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
3D Reconstruction using Turntable, Web Camera and laser grid	Reconstructzia 3D a unui obiect folosind laser grid	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
3D Reconstruction using laser distance sensor	Reconstructzia 3D a unui obiect folosind senzor de distanta laser	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Humanoid 3D Printed Robot Bust	Bust de robot umanoid printat 3D	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Mobile Robots - any kinds (flying, crawling, crawling on water, jumping)	Robotzi de toate soiurile Mashinute autonome Mashinutze alimentate solar	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Small moving humanoid like robot with 15-18 servos	Mobot mobil cu multe servo-uri	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
GPS guided RC type truck	Mashinutza cu GPS	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Autonomous RC Cars operation	Masinate autonome	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Driving RC Cars, including telemetry	Conducerea modelelor auto, incluzand telemetrie (tip drona)	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Traffic Lights Optimization in a Smart City	Optimizarea semafoarelor intr-un oras inteligent	Pavaloiu Bujor	klingo_w@yahoo.com	Max 2 per ap.
Logistic Optimization for a Transport Fleet	Optimizarea logisticii pentru o flota de transport	Pavaloiu Bujor	klingo_w@yahoo.com	Max 3 per ap.
Deep Learning - Detection of cars in images, Car type classification	Deep Learning - Detectarea masinilor in imagini, clasificarea tipului de masina	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Deep Learning - Sentiment Analysis from text	Învățare profundă - Analiza sentimentelor din text	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Deep Learning - Sentiment Analysis from images	Învățare profundă - Analiza sentimentelor din imagini	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Deep Learning - Sentiment Analysis from video	Învățare profundă - Analiza sentimentelor din video	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.
Games in PyGame	Jocuri in Pygame	Pavaloiu Bujor	klingo_w@yahoo.com	1 per ap.