Ruse Research University:

Scientific group:	3.1.4 DIGITAL, LAYERED, ENERGY-ASSISTED INNOVATIVE TECHNOLOGIES AND MODELS

Academic position and scientific degree:	PhD
Name and surname:	Anton Anchev
Researcher's category:	R2
Photo:	
Brief biographical information	2007 – Until now School senior teacher in professional training "Panayot Volov" Byala 12/05/2015-Until now Manager of the "Robots-Byala" Club 1988 Manages the activities of the "Robots-Byala" Club; Organizes and conducts trainings, lectures, webinars on topics related to electronics, automation, robotics and mechatronics; Organizes and participates in extracurricular educational formats on the topic of mechatronics and robotics; Develops scientific projects and creates prototypes, in cooperation with other similar organizations in the country and abroad; 03/01/2002-03/09/2007 Group technical manager 03/09/2007-Until now "Road Maintenance" EOOD, Byala (Bulgaria) Manages the construction and maintenance activities of the republican road network on the territory of the RPS-Byala; - distributes monthly tasks to the company's sections for current maintenance; - controls the quantitative and qualitative performance of the work on current repair and maintenance of the republican road network; - prepares and participates on behalf of the consortium in tender documentation for construction sites; Senior teacher in Informatics and Information Technologies

	01/12/2001-14/12/2001 Head of construction site ET "SM-Ilia Mihaylov", Byala (Bulgaria) Manages all activities of the construction site: Responsible for securing all resources related to maintaining the production activity of the construction site; Manages all construction activities of subcontractors; 02/10/1995-01/07/1999 Technologist "Modul" AD, Byala (Bulgaria) Development of tooling; Design of machines and mechanisms; Development of model equipment for machine-building production; - approves all constructive and technological changes to the basic documentation; Chief Designer "Modul" AD, Byala (Bulgaria) Manages the provision of tooling and equipment for the main production; Manages the activities of the design and technological departments of the company; Manages the development and design activities of the company; Controls the production process of the company; Communicates with clients regarding technical issues; Controls the activities of the tooling production of the company;
Main scientific achievements:	Defended PhD thesis in the field of "Robotics, mechatronics and Automation technologies"
Key scientific interests:	• Design and construction of robotic systems; • Programming of automated and robotic systems; • Working with OC Windows, Linux, Unix, Android; • Construction and programming of systems based on • Tiva TM4C-123GXL microcontrollers; • Design, construction and programming of systems based on Arduino microcontrollers, • ESP 32, STM, etc.; • Construction of IoT systems with Raspberry, Odroid, BeagleBone microcomputers; • Construction and programming of WiFi systems based on ESP32, STM32F103C8, NodeMCU • ESP8266; • Construction and maintenance of LAN and WiFi networks; • Programming of C, C++, C#, JavaScript, APL, JAVA, VisualBasic, Pascal, FORTRAN, ADA • Construction of web-based dynamic projects based on • HTML, CSS; • Working with CorelDraw, Adobe Photoshop, MS Office, Macronedia Flash, Lazarus IDE, Eclipse, NET • Building quality management systems;
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