

ASSESSMENT OF ANNUAL ACTIVITY PLAN OF PhD STUDENT academic year 2023/2024

PhD student

Name and surname, academic degree:	Suraj BELLUDI
STAG ID:	E230009
Study programme:	System Engineering and Informatics
Form of study / Year of study:	Full-time
Commencement date:	31. 10. 2023
Supervisor:	Assoc. Prof. Hana Kopáčková
Faculty institute (workplace):	Institute of System Engineering and Informatics
Dissertation title:	Evaluating sustainability standards in green smart cities using key performance indicators, business intelligence framework and big data

Study plan

Compulsory courses		Number of ECTS	Planned year of fulfilment				Date of Examination
			1.	2.	3.	4.	
1	Selected Issues of Economic Theory	20					
2	Methodology of Science	20	X				
3	Statistical and Mathematical Methods in Management	20	20				14. 6. 2024
4	General Systems Theory	20					
Compulsory options / Optional courses							
5	Theory of Information and Data Security	10	X				
6	Data Modelling for Database Systems	10	X				
7							
8							
9							
State Doctoral Exam							
Defence of Dissertation Thesis							

Stage of work on the dissertation

Stage of work on the dissertation in a particular academic year:	
Proposed Plan	Real Achievements
Review part of the thesis	Shifting the topic from business intelligence towards the combination of AI and blockchain tools in public administration decision-making. Student prepared the literature review on the topic and identified the research gaps.

Scientific-Research Activities of PhD student

Publication outcomes of PhD student, participation in projects or other relevant activities performed in a particular academic year:		
Proposed Plan	Real Achievements	Points
One conference indexed in WoS	Belludi, S., & Kopáčková, H. (2024, May). Securing Smart City Health Services Using Blockchain Technology. In <i>2024 Zooming Innovation in Consumer Technologies Conference (ZINC)</i> (pp. 188-193). IEEE. Published in WoS database	15
One article send to the journal	Belludi, S., & Kopáčková, H. An Exploration of Technology Driven Methods to Monitor Smart City Sustainability Performance. Sustainable future. The article was rejected after review.	

Pedagogical activities of PhD student

Courses taught, format of teaching or other relevant pedagogical activities in a particular year:	
Proposed Plan	Real Achievements
Business Intelligence (1 h) Project management (2 h) System Engineering (1 h)	Cooperation with the teacher ---- System Engineering (4 h)

Study stays in the Czech Rep. and abroad / Internships, international cooperation etc.

Internships and study stays in a particular academic year:	
Proposed Plan	Real Achievements
Internship is not planned for the first year.	Internship was not held in the first year.

Annual activity plan of PhD student in a particular academic year arranged on:

Student's signature:	Supervisor's signature:	Head of the institute's signature:

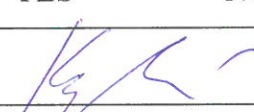
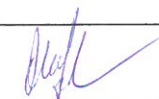
Evaluation of student's activities performed in a particular academic year:

The student actively engages in both teaching and research activities.

From the perspective of teaching, the doctoral student can be evaluated as independent and thorough. During teaching, he engages in discussions with the students and tries to explain the topics being covered. The student also participated as one of the lecturers in the BIP Erasmus+ DIGI program, where he received positive feedback. However, it is necessary to motivate the student to develop his teaching skills further, especially in presentation skills.

The scientific activity of the doctoral student experienced a big shift in the first year. The only problem in his recent work was fragmentation within topics. As a result, we have decided to shift the research focus from business intelligence to exploring the use of AI and blockchain tools in public administration decision-making.

I appreciate the student's enthusiasm for learning and his continuous improvement in all areas, and **I therefore recommend the continuation of his studies.**

Supervisor's recommendation to continue study of PhD student:	YES	NO
Supervisor's signature:		
Agreement on supervisor's recommendation by the head of the institute:	YES	NO
Head of the institute's signature:		

Annual assessment of PhD student in a particular academic year

Discussed by members of the advisory board on:	
Summary by the advisory board:	
Head of the advisory board's signature:	
Comments by the dean regarding the annual assessment:	
Dean's signature:	