



ASSESSMENT OF ANNUAL ACTIVITY PLAN OF PhD STUDENT academic year 2022/2023

PhD student

Name and surname, academic degree:	Dawit Dejene BIKILA
STAG ID:	E22843
Study programme:	Applied Informatics
Form of study / Year of study:	Full-time / 1.
Commencement date:	31. 10. 2022
Supervisor:	prof. Ing. Jan Čapek, CSc.
Faculty institute (workplace):	Institute of System Engineering and Informatics
Dissertation title:	Cyber Security of IoT

Study plan

Compulsory courses	Number of ECTS	Planned year of fulfilment				Date of Examination
		1.	2.	3.	4.	
1 Methodology of Scientific Work	15	x				
2 Advanced Methods of Mathematics and Statistics	15	x				
3 Theoretical Informatics	30		x			
4						
Compulsory options / Optional courses						
5 Theory of Data and Information Security	10		x			
6 Artificial and Computational Intelligence	10		x			
7						
8						
9						
State Doctoral Exam				x		
Defence of Dissertation Thesis					x	



Stage of work on the dissertation

Stage of work on the dissertation in a particular academic year:	
Proposed Plan	Real Achievements
Literature review	The basic literature review was completed and used for the IDIMT conference paper.

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
Internship at a foreign institution One conference paper or article preferable in Scopus database Participating in the SGS project	The internship is under-preparing for the Constantine Philosopher University in Nitra, Slovakia. DEEP LEARNING FOR CYBER SECURITY IN THE INTERNET OF THINGS (IOT)NETWORK: presented in IDIMT-2023 New Challenges for ICT and Management 31st Interdisciplinary Information Management Talks Participated in the SGS.	



Pedagogical activities of PhD student

Courses taught, format of teaching or other relevant pedagogical activities in a particular year:

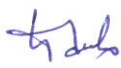
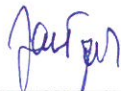
Proposed Plan	Real Achievements
Mr. Bikila will be teach subject "Artificial and Computational Intelligence " 2 teaching hours per week in a summer semester	The pedagogical activity of teaching the subject "Artificial and Computational Intelligence " for 2hrs a week was completed under Ing. Katrina Prihodova, Ph.D.

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
The internship will be arranged during the 2 nd year of study."	It is under process

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:

- Mr. Bikila's activities performed in the academic year 2022/2023 were focused on participating in the IDIMIT conference, Proceedings from the IDIMT conference are included in the Web of Science and SCOPUS.
- Mr. Bikila also wrote an article "Modeling Message Broadcast Methods for IoT Using Petri Nets" and submitted it to Wiley publisher house which is still under review.
- He completed pedagogical duties in teaching the subject "Artificial and Computational Intelligence" for 2 hours a week as completed under Ing. Katrina Prihodova, Ph.D.
- The exam for both subjects' methodology of science work and Artificial and Computational Intelligence is planned for the winter semester of the academic year 2023/2024. The subject Advanced Methods of Mathematics and Statistics was not open for the academic year 2022/2023.
- The internship is under preparation for this academic year

Supervisor's recommendation to continue study of PhD student:	<input checked="" type="radio"/> YES	<input type="radio"/> NO
Supervisor's signature:		
Agreement on supervisor's recommendation by the head of the institute:	<input checked="" type="radio"/> YES	<input type="radio"/> 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:	