

Opis raziskovalnega dela (Research work description)

1. Članica UL (UL member):

Fakulteta za upravo

2. Ime, priimek in elektronski naslov mentorja/ice (Mentor's name, surname and email):

Mitja Dečman, mitja.decman@fu.uni-lj.si

3. Raziskovalno področje (Research field):

Digitalna transformacija javne uprave in družba 5.0

4. Opis raziskovalnega dela (Research work description):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce (It includes any additional conditions that the candidate for a young researcher must meet, which are not listed in the call to tender for young researchers.).

Slov.: Kandidat bo raziskovalno delo opravljal znotraj področja programske skupine oz. programa Digitalna preobrazba za pametno javno upravljanje, ki naslavlja izzive, kot so: analiza stopnje digitalne zrelosti, razvoj in preizkus ustreznih tehnoloških osnov za digitalizacijo, uvajanje izboljšav na področju digitalizacije javne uprave, kontinuirana evalvacija predlogov izboljšav na področju digitalizacije ter upravljanje, priporočila, razširjanje in izkoriščanje rezultatov raziskav. Napredne digitalne tehnologije, ki jih razvijamo in uporabljamo danes (Internet stvari, umetna inteligenca in globoke nevronske mreže, računalništvo na robu oziroma od roba do oblaka, tehnologije veriženja blokov, digitalni dvojčki, decentralizirane identitete) omogočajo spreminjanje obstoječih in oblikovanje novih poslovnih modelov, razvoj novih izdelkov in storitev, povečujejo učinkovitost in konkurenčnost gospodarstva ter pripomorejo k širšemu družbenemu in gospodarskemu razvoju. Delo kandidata bo usmerjeno v raziskave novih informacijsko-komunikacijskih pristopov, ki bodo na inovativen način postavljeni v funkcijo digitalizacije na področju javne uprave. Cilj dela bo uspešno raziskati in implementirati kompleksne digitalne storitve in celovito digitalno preobrazili javno upravo, in pri tem nasloviti: zahtevo po digitalizaciji upravnih procesov, problem razvoja kompetenc za digitalno transformacijo javne uprave, implementacijo politik digitalizacije ter doseganje pametnega javnega upravljanja.

Eng.: The candidate will conduct his/her research within the programme area Digital Transformation for Smart Public Governance programme area, which addresses the following challenges: Analysis of digital maturity, development and testing of appropriate technological foundations for digitalization, implementation of improvements in the digitalization of public administration, continuous evaluation of proposals for improvements in digitalization, and management, recommendation, dissemination and exploitation of research results. The advanced digital technologies being developed and deployed today (Internet of Things, artificial intelligence and deep neural networks, edge computing or edge-to-cloud computing, blockchain technologies, digital twins, decentralised identities) enable the transformation of existing and the creation of new business models, the development of new products and services, increasing the efficiency and competitiveness of the economy and contributing to broader social and economic development. The candidate's work will focus on researching new information and communication approaches that are innovatively positioned in the course of digitalisation in public administration. The aim of the work is the successful research and implementation of complex digital services and a comprehensive digital transformation of public administration. This involves: the necessity of digitising administrative processes, the problem of developing skills for the digital transformation of public administration, the implementation of digitisation strategies and the realisation of an intelligent public administration.

5. Priloge, ki jih kandidat priloži k prijavi (Documents that the candidate submits with the application):

☒ **diplomska listina/potrdilo o zaključku študijskega programa** (diploma certificate for study programme, with which the candidate has enrolled/ will enroll in a doctoral degree programme)

☒ **priloga k diplomii/ potrdilo o opravljenih obveznostih** (official transcript of all the grades for study programme, with which the candidate has enrolled/will enroll in a doctoral degree programme)

☒ **življenjepis (CV)**

☒ **osnutek idejne zasnove raziskovalnega dela** (preliminary research proposal)