Nikola Novaković, PhD

a) Basic biographical data:

Name (name of both parents) and surname:	Nikola (Nenad, Vesna) Novaković
Date and place of birth:	11.05.1986. Banja Luka
Institutions in which he was employed:	▪ Aero centar "Krila" (2005 – 2008) ▪ Besjeda D.O.O. (2008 – 2011) ▪ Visoka škola „Banja Luka College", Banja Luka (2009 -)
Workplaces:	1. Lecturer of the Higher School for the narrow scientific fields: Information sciences (social aspects), Computer science, Media and socio-cultural communication and Public media. 2. Assistant college for narrow scientific fields: Management and Information Sciences (social aspects) 3. Teaching Coordinator 4. Team leader for the implementation of the e-teaching system at the banja luka college higher education institution 5. Director of D.O.O. Besseed Aero Center "Krila", Installation and implementation of terminals for electronic additions for mobile phones
Membership in scientific and professional organizations or associations:	1. Member of the Association of Citizens "Financial Literacy" 2. Member of program and/or scientific committees of several scientific conferences and scientific conferences in the field of economics, informatics 3. Coach in oracle academy program 4. Member of the Apple University Program 5. Possesses ECDL Certificate

b) Diplomas and titles:

Basic studies:	
Name of institution:	Visoka škola „Banja Luka College"
Title:	Graduate Manager in Human Resources, Business Informatics and Public Relations
Place and year of completion:	Banja Luka, 9.10.2008.
Name of institution:	Faculty of Management, Novi Sad, (accredited)
Title:	Management in the media
Place and year of completion:	Novi Sad, 19.10.2009. godina

Postgraduate studies, second cycle studies:	
Name of institution:	Faculty of Management, Novi Sad, (accredited)
Place and year of completion:	04.02.2011. Novi Sad
Title of master's thesis:	„E-learning project management"
Narrower scientific/artistic field: -	Master of Management

	Management, scientific field: Economics and business; Information sciences (social aspects), scientific field: Media and communications;

Doctorate:	
Name of institution:	Faculty of Information Technology of the University „Vitez", Travnik
Place and year of completion:	Travnik, 26.01.2019.
Name of the dissertation:	„Inovativni koncept semantičkih alata u elektronskom obrazovanju"/ "Innovative concept of semantic tools in electronic education"
Narrower scientific/artistic field:	Doctor of Informatics Computer Science

c) Scientific/artistic activity

Narrow scientific field – Computer Sciences

3.1.2. Original scientific papers in a journal of international importance

1   Ranković Marko, Simović Vladimir, Vasković Vojkan, **Novaković Nikola**, „*Research on the E-Banking Payment Distribution Channels - Case Study: Serbia*", METALURGIA INTERNATIONAL, izdanje 18 br. 1, str. 163-168.,: ISSN 1582-2214.

2   Negovan Stamenković, Nikola Stojanović, **Nikola Novaković**: *Group delay equalisation of discrete Butterworth tan filters in the continuous domain*, International Journal of Electronics, 2019, DOI: 10.1080/00207217.2019.1675778.

3.1.3. Original scientific papers in a journal of national importance

1.   **Novaković Nikola**, "Direct Television Project Management", News No.13, Banja Luka College, Banja Luka, Banja Luka, 2010: ISSN 0354-9852

2.   **Novaković Nikola**, "Why use project management for the implementation of e-learning?", News No.15, Banja Luka College, Banja Luka, 2011: ISSN 0354-9852

3.   Tanjga Rade, Tanjga Mitja, **Novaković Nikola**, "Implementation and development of e-education", News No.16, Banja Luka College, Banja Luka, 2011.: ISSN 0354-9852.

4.   Tepšić Milica, **Novaković Nikola**, Pejić Dragan, Cloud computing – a major challenge for information security, "Proceedings of the University of Business Studies Banja Luka" 2013, UDc 351.86:004.056.55, p. 49-63.

5.   M. Tepšić, **N. Novaković**, D. Pejić: "The importance of information security for the modern world", Proceedings, First Consulting on Software Engineering "Cloud Infrastructure and Solutions" University of Business Studies, Banja Luka 2013, UDc 35 l.86: 004.056.55, ISBN 978-9993 8-25-96-8, COBISS RS-ID 4383512, p. 49-63.

3.1.4. Review scientific papers in the journal of national importance

1. **Novaković Nikola**, Latinović Milan, „Pki systems, directives, standards and national legislation", Aktuelnosti br.32, Banja Luka College, Banja Luka, 2015,: ISSN 0354-9852, UDK004.056.55:004.738.5, DOI 10.7251/AKT3215002N.
2. Dragan Pejić, **Novaković Nikola**, "Integration of e-system for support of teaching and school processes in secondary schools of the Republic of Srpska", News No.35, Banja Luka College, Banja Luka, 2016: ISSN 0354-9852, UDC 37.018.43:004.738.5(497.6RS) DOI 10.7251/AKT1635004P COBISS. RS-ID 6277144**.**
3. Dušanić Gačić, S., **Novaković, N.:** "Introducing IT Innovations in Organization", Journal for Social Affairs "Aktuelnosti", No. 38, University College Banja Luka College, Banja Luka, 2017, ISSN 0354-9852, UDK 005.591.61:658.8

3.1.5. Scientific papers at conferences of international importance, printed as a whole

1 **Novaković Nikola**, Latinović Milan, „*Modern methods and implementation of e-Learning concept*", Zbornik radova CAPITALISM IN TRANSITION, str. 297-299, Beograd, jun 2012. ISBN 978-86-86707-53-6.

2 Tepšić, M., **Novaković, N**., Pejić, D.: "*The importance of information security for the modern world",* Proceedings of the First Conference on Software Engineering "Cloud Infrastructure and Solutions", University of Business Studies, Banja Luka, 2013, UDc 351.86:004.056.55, ISBN 978-9993 8-25-96-8, COBISS RS-ID 4383512.

3 Tepšić, M., **Novaković, N**., Pejić, D.: "*Cloud computing – a major challenge for information security",* Proceedings of the University of Business Studies, Banja Luka, 2013, UDc 351.86:004.056.55, ISBN 978-9993 8-25-96-8, COBISS RS-ID 4383512.

4 Nenad Novaković, **Nikola Novaković**, "*Economics of Culture in Media - Legal Solutions To Economize in Culture and Media*", Proceedings "Ethics in Media and Business", Besjeda, Banja Luka 2016. 332-338, ISBN 978-99938-1-290-6, UDK 316.723.003:659.3/.4, DOI 10.7251/ZREMP1601332N

5 Rajko Macura, Nenad Novaković, **Nikola Novaković**, "*Globalization – the path to economic well-being or the downfall of human society?*", The Tenth International Scientific Conference organized by the Business and Technical College of Vocational Studies – Uzice "Science and High education in the function of sustainable development - SED 2017". 06 – 07 October 2017 Years Mokra Gora, Drvengrad. ISBN-897-86-83573-90-5. COBISS. SR-ID249380364.

6 Rajko Macura, **Nikola Novaković**, Nenad Novaković, "Statistical method as an element of scientific research work", Scientific conference Accounting and Auditing in Theory and Practice, May, 2019, UDC 303.7:001.891, DOI 10.7251/BLCZB0119263M, COBISS. RS-ID 8156952.

7 Nenad Novaković1 Rajko Macura, **Nikola Novakovic**, "*Why start a social enterprise? why start a social enterprise?",* Fourth International Scientific and Professional Student Conference skei 2020, Travnik ISSN: 1986-5945.

8 Boris Damjanović, **Nikola Novaković**, Predrag Kovačević, *"Characteristics and new technologies of upcoming 5G networks",* International Conference, "Application of new technologies in management and economy ANTIM", 2020, ISBN 978-86-81400-20-3.

9 Boris Damjanović, Predrag Kovačević, **Nikola Novaković**, "*Remote sensing technologies, both and geographic information systems in the function of planned use and protection of water resources for use in agriculture*", Fourth scientific and professional conference with international participation, "Contemporary challenges in water conservation", 2020, ISBN-978-86-81400-21-0.

10   **Novaković, N**., Agić, Z., Pejić, D.: "*Digital support to education during the pandemic*", Proceedings of the Scientific Conference "Accounting and Auditing in Theory and Practice", Year 3, No. 3, Banja Luka College and Besjeda, Banja Luka, 2021, 231 – 243, ISBN 978-99938-1-410-8, ISSN 2637-272X, COBISS. RS-ID 132847105, UDC 37.016:578.834]004, DOI 10.7251/BLCZB2101231N.

11   Boris Damjanović, **Nikola Novaković**, Negovan Stamenković.: „*A brief discussion about construction of cryptographic algorithms salsa20 and chacha*", 12th International Conference Science and Higher Education in Function of Sustainable Development – SED 2021., ISBN 978-86-82078-11-1, COBISS. SR-ID 50189321.

d) Educational activity

Teaching and pedagogical activity

University College "Banja Luka College", Banja Luka – **lecturer** in the subjects in the field of computer science: Informatics, Aesthetics in media, Computer networks, Wireless networks, Computer communications, Multimedia, Operational research, Software engineering, Computer architecture.

Books / Book Chapters
1.   Milica Tepšić, Mladen Radivojević, **Nikola Novaković**, "*Informatics in Public Administration*", Besjeda, Banja Luka College, Banja Luka, 2013.
2.   Boris Damjanović, **Nikola Novaković**, Predrag Kovačević, "*Overview of various ideas for the implementation of gis and related technologies for the purpose of preserving water resources*", "Analysis of the state and correctness of surface waters in Serbia", Thematic monograph of national importance, 2020.

e) Professional activity of the candidate:
1.   "*Adobe Photoshop CS3*" , Jovanović, P., and **N. Novaković**, Besjeda, Banja Luka: 2005.
2.   Network me, administration of networks of small and medium-sized enterprises, b.sc. inf. Predrag Jovanović, B.Sc. ecc Vladan Nenadić, **MSc Nikola Novaković**, Agency "Count on computers", Belgrade, Banja Luka College, Banja Luka, 2012.

Other professional activities
Projects in educational activity:
1.   Project leader and trainer for educating users for the use of Apple operating system "SwitchToMac", Intensive training for the use of "Apple" operating system, Banja Luka, 2016.
2.   Project: Youth for Change: Interethnic Exchange and Education Program in BiH, Number: S-BK 800 15 GR 145 – Project leader and trainer.

Professional projects
1.   Educational and informative show "World of Games" - Host and organizer of the program.
2.   Website "Banja Luka College - Project leader, consulting services, implementation.
3.   Team Leader for Implementation of Distance Learning System Banja Luka College
4.   Web portal of Srpska with dynamic elements - Consulting services, implementation.
5.   Web sajt "e-skup" - CSS, HTML, PHP, MySQL – Web master.

6.   Web PORTAL "e-Library Banja Luka College"- Project leader, consulting services, implementation.
7.   Member of the technical organizing committee "First student competition in accounting, Banja Luka College" - Preparation and development of application software for e-quiz.
8.   Website "Alumni Banja Luka College" - Project leader, consulting services, implementation.
9.   Website "Red Cross Banja Luka" - Project leader, consulting services, implementation.
10.   Website "Forum Banja Luka College" - Project leader, consulting services, implementation.
11.   Portal for information security of the Republic of Srpska - Portal for prevention and protection of IT systems from computer threats and security of public information of the Republic of Srpska.
12.   Implementation of Office 365 platform at Banja Luka College.
13.   Apple University Program at Banja Luka College
14.   The team leader for integrating the Mac OS X system into the existing Windows environment at the Higher Education Institution.
15.   Team leader "Propelerac" the first IOS application for the faculty in BiH