Curriculum Vitae (with bibliography)

1. PERSONAL DETAILS

Full name:	MIROSLAV V. KLJAJIĆ
Date of birth:	May 20th, 1976
Permanent address:	Fruškogorska 6/26, 21000 Novi Sad, Serbia
Marital Status:	Married (two children)
Contact:	E-mail: kljajicm@uns.ac.rs Phone: +381 21 485 2402

2. EDUCATION

Institution	Department of Energy and Process engineering, University of Novi Sad, Faculty of Technical Sciences, Serbia
Diploma / Date	Ph.D. – Mechanical Engineer (Thermal Engineering), June/2014
Institution	Department of Control Systems and Automation, University of Novi Sad, Faculty of Technical Sciences, Serbia
Diploma / Date	Magisterial – Electrical Engineer (Control Systems and Automation), March/2010
Institution	Department of Energy and Process engineering, University of Novi Sad, Faculty of Technical Sciences, Serbia
Diploma / Date	Dipl. Eng. – Mechanical Engineer (Energy and Process Engineering), May/2001

3. EMPLOYMENT

2001- Present	UNIVERSITY OF NOVI SAD, Faculty of Technical Sciences Department of Energy and Process Engineering	
Current position	**Head of Department of Energy and Process engineering** (2015 - Present)	
Main responsibilities	▪ Directing curriculum development, Quality management of the courses ▪ Communication with companies, institutions, universities, chambers, NGOs, etc. ▪ Supervising the research and engineering activities and applications ▪ Developing of international relations, knowledge exchange, academic mobility	
Academic appointment	**Assistant Professor**, at Thermal Engineering Division (2014 - Present)	
Teaching activities (List of courses)	Currently as a professor: ▪ Measurement and Control, 2001/02 – Pres. ▪ Cooling Systems, 2009/10 – Present ▪ Energy Auditing, 2016/17 – Present ▪ Energy Transformations, 2006/07 – Present	As a teaching assistant: ▪ Thermodynamic, 2001/02 – 03/04 ▪ Heat Transfer, 2001/02 – 03/04 ▪ Process Engineering, 2005/06 – 13/14 ▪ Renewable Energy, 2007/08 –11/12
Research activities	▪ Energy performance analysis in industry, communal and building sector ▪ Application of analytical and management methods in thermal engineering	
Other activities with students	▪ Mentoring and supervising of student's final thesis (BSc, MSc, PhD) ▪ Supervising and evaluating of mandatory student's professional practice ▪ Organization and realization of professional visits and thematic excursion ▪ Preparing students for scientific conferences with students' competitions	

4. KEY PROFESSIONAL QUALIFICATIONS AND SKILLS

Q1. Analysis of energy efficiency; Energy balancing;
Q2. Energy auditing in industry, communal and building sector;
Q3. Performance measurement and control;
Q4. Energy management techniques; Energy planning;
Q5. Analysis of techno-economic and environmental aspects of different energy systems.

S1. Handling with professional measurement equipment and instruments;
S2. Data processing and analytics by soft computing techniques;
S3. Experience in document/project management and logistics;
S4. Development and implementation of thematic courses, workshops and trainings. Manuals preparation.

5. PUBLICATIONS

5.1 SCIENTIFIC JOURNALS

1. **Kljajić M.**, Anđelković A., Gvozdenac D., VIABILITY ANALYSIS OF HEAT RECOVERY SOLUTION FOR INDUSTRIAL PROCESS OF ROASTING COFFEE, Thermal Science, Vol. 20, Suppl. 2, 2016, pp. S623-S637, ISSN 0354-9836, doi:10.2298/TSCI151013044K
2. Anđelković A., Petrović J., **Kljajić M.**, DOUBLE OR SINGLE SKIN FAÇADE IN A MODERATE CLIMATE - AN ENERGYPLUS ASSESSMENT, Thermal Science, Vol. 20, Suppl. 5, 2016, pp. 1501-1510, ISSN 0354-9836.
3. **Kljajić M.**, Anđelković A., Mujan I., ASSESSMENT OF RELEVANCE OF DIFFERENT EFFECTS IN ENERGY INFRASTRUCTURE REVITALIZATION IN NON-RESIDENTIAL BUILDINGS, Energy and Buildings, Vol. 116, 2016, pp 684-693, ISSN: 0378-7788, doi:10.1016/j.enbuild.2015.02.033
4. Anđelković A., Gvozdenac-Urošević B., **Kljajić M.**, Ignjatović M., EXPERIMENTAL RESEARCH OF THE THERMAL CHARACTERISTICS OF A MULTI-STOREY NATURALLY VENTILATED DOUBLE SKIN FACADE, Energy and Buildings, Vol. 86, 2015, pp 766-781, ISSN: 0378-7788, doi: 10.1016/j.enbuild.2014.11.007
5. Gvozdenac D., **Kljajić M.**, Gvozdenac-Urošević B. SERBIAN ENERGY EFFICIENCY PROBLEMS, Thermal Science, Vol. 18, Issue 3, 2014, pp 683 - 694, ISSN 0354-9836, DOI: 10.2298/TSCI1403683G
6. **Kljajić M.**, Gvozdenac D., ASSESSMENT OF BOILER'S OPERATING PERFORMANCE IN DIFFERENT ENERGY SECTORS IN THE PROVINCE OF VOJVODINA, Thermal Science, Vol. 16, Suppl. 1, 2012, pp. 107 - 114. ISSN 0354-9836, UDC: 621, doi: 10.2298/TSCI120215065K
7. **Kljajić M.**, Petrović J., APPLICABILITY ASSESSMENT OF CENTRAL AND SOLAR HOT WATER SYSTEMS INTEGRATION IN SERBIA, Thermal Science, Vol. 16, Suppl. 1, 2012, pp. 173 - 188. ISSN 0354-9836, UDC: 621, doi: 10.2298/TSCI120130070K
8. **Kljajić M.**, Gvozdenac D., Vukmirović S., USE OF NEURAL NETWORKS FOR MODELING AND PREDICTING BOILER'S OPERATING PERFORMANCE, Energy, Vol. 45, Issue 1, 2012, pp. 304-311, ISSN: 0360-5442, doi:10.1016/j.energy.2012.02.067

5.2 PROFESSIONAL JOURNALS

1. Petrović J., Andjelković A. **Kljajić M.**, D. Đaković, APPLICATION MODEL ISGE/ISEMIC TO THE FACULTY OF TECHNICAL SCIENCES IN NOVI SAD, Journal KGH - 1, 2013. BIBLID 0350-1426 (206) 42 1 p. 61-68.
2. Petrović J., **Kljajić M.**, Gvozdenac D., CURRENT SITUATION ASSESSMENT OF INDUSTRIAL BOILER HOUSES IN VOJVODINA, Journal THERMAL TECHNIQUES, 35 (2009), BIBLID: 0350-218H, 1, p. 87-94.

5.3 SCIENTIFIC CONFERENCES (selected participations)

1. Grković V., Gvozdenac D., **Kljajić M.**, AN INNOVATED CONCEPT AND SOME RESULTS OF THE ENGINEER'S UNIVERSITY EDUCATION IN THE FIELD OF THERMAL ENERGY, Power Plants, Serbia, 2016.
2. **Kljajić M.**, Andjelković A., Gvozdenac D., ASSESSMENT OF TECHNOLOGICAL AND ECONOMIC SUSTAINABILITY FOR HEAT RECOVERY IN INDUSTRIAL PROCESS OF ROASTING COFFEE, IEEP '15, Industrial energy and environmental engineering in South East Europe, Serbia, 2015.
3. **Kljajić M.**, Gvozdenac D., Petrović J., Andjelković A., GOVERNANCE OF ENERGY TRANSITION OF NON-RESIDENTAL BUILDINGS BY POLICY INTERVENTION, Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Serbia, 2014.
4. Gvozdenac D., **Kljajić M.**, Gvozdenac Urošević B., ASSESSMENT OF THE KEY INFLUENCES ON THE SUCCESS IN THE IMPLEMENTATION OF THE ENERGY EFFICIENCY POLICY, „5th iNTeg-Risk Conference 2013" Title: "Risk Screening – Horizon 2020: From iNTeg-Risk to the E2R2 – European Emerging Risk Radar", Stuttgart, Germany, 2013.
5. **Kljajić M.**, Gvozdenac D., Vukmirović S., IMPORTANCE AND VALUE OF PREDICTIVE APPROACH FOR BOILER OPERATING PERFORMANCE IMPROVEMENT, EXPRES 2012 - 4th International Symposium on Exploitation of Renewable Energy Sources, Serbia, 2012.
6. Tomšić Ž., Petrović J., Anđelković A., **Kljajić M.**, ENERGY MANAGEMENT IN THE PUBLIC BUILDING SECTOR – MEASURING, COLLECTING, ANALYZING, VERIFICATION AND MONITORING OF ENERGY AND WATER CONSUMPTION IN BUILDINGS, Conf.: The World Sustainable Energy Days, Wels, Austria, 2012.
7. **Kljajić M.,** DECISION MAKING SUPPORT TO ENERGY EFFICIENCY PROJECTS USING ANALYTIC HIERARCHY PROCESS, IEEP '11 - Industrial Energy and Environ. Engineering in SE Europe, Serbia, 2011.
8. **Kljajić M.**, Petrović J., Gvozdenac D., REVIEW OF BOILER'S OPERATING PERFORMANCE IN DIFFERENT ENERGY SECTORS IN THE PROVINCE OF VOJVODINA, ECOS 2011 - 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Serbia, 2011.

9. Nakomčić B., **Kljajić M.**, Stajić T., Gvozdenac B., Dvornić A., APPLICATION OF THE CLEAN DEVELOPMENT MECHANISM IN WASTE MANAGEMENT, ICET 2009, PSU/UNS 4th International Conference on Engineering Technologies, Serbia, 2009.
10. **Kljajić M.**, Gvozdenac D., Petrović J., POSSIBILITIES FOR INCREASING BOILER ENERGY EFFICIENCY IN THE PROVINCE OF VOJVODINA, IEEP '08 - Industrial Energy and Environmental Engineering in South East Europe, Serbia, 2008.
11. Gvozdenac D., **Kljajić M.**, TECHNICAL AND ECONOMICAL ASSESSMENTS OF THE ENERGY EFFICIENCY OF BOILERS IMPROVEMENT IN THE PROVINCE OF VOJVODINA, ICEE-2007, PSU/UNS International Conference "Energy and the Environment", Hat Yai, Songkhla, Thailand 2007.
12. Gvozdenac D., **Kljajić M.,** SOFTWARE FOR ANALYSIS OF INDUSTRIAL VAPOR COMPRESSION REFRIGERATION SYSTEM, ICEE-2005, PSU/UNS Int. Conf. "Energy and the Environment", Serbia 2005.
13. Gvozdenac D., Marić M., **Kljajić M.**, INDUSTRIAL CHP, ICEE-2003, PSU/UNS International Conference "Energy and the Environment", Hat Yai, Songkhla, Thailand, 2003.
14. Gvozdenac D., Morvay Z., **Kljajić M.**, ENERGY AUDIT OF COOLING TOWERS, ICEE-2003, PSU/UNS International Conference "Energy and the Environment", Hat Yai, Songkhla, Thailand, 2003.

5.4 DIDACTIC RESOURCES (relevant)

1. Two Professional Training Manuals: (1) INSPECTION OF BOILERS AND AIR CONDITIONING SYSTEMS and (2) MONITORING AND VERIFICATION OF ENERGY SYSTEMS, Gvozdenac D., **Kljajić M.**, German Federal Corporation for International Cooperation (GIZ GmbH), Germany, 2013.
2. The university book, MEASUREMENT AND REGULATION IN THERMAL TECHNIQUES, Gvozdenac D., **Kljajić M.**, Petrovic J., Faculty of Technical Sciences edition, ISBN 978-86-7892-197-1, Serbia, 2009.
3. The university subsidiary book, ANALYSIS OF REGIONAL LANDFILL POTENTIAL UNDER THE CLEAN DEVELOPMENT MECHANISM (CDM), Nakomčić B., Vujić G., Stajić T., Dvornić A., Gvozdenac B., **Kljajić M.**, Faculty of Technical Sciences Novi Sad edition, ISBN 978-86-7892-151-3, Serbia, 2008.
4. Guidebook: GUIDELINES FOR THE ENERGY BALANCE IN THE MUNICIPALITIES, the group of authors, incl. **Kljajić M.**, Ministry of Mining and Energy, Republic of Serbia, 2007.
5. Monograph, FIFTY YEARS OF DISTRICT HEATING OF SUBOTICA, Petrović J., Gvozdenac D., **Kljajić M.**, Faculty of Technical Sciences, Serbia, 2013.

6. PROFESSIONAL EXPERIENCE RECORD *(selected projects and works)*

6.1 SCIENTIFIC RESEARCH PROJECTS

Location/Date:	Germany (Stuttgart) / November, 2008 – May, 2013
Institution:	Project coordinator: European Virtual Institute for Integrated Risk Management (EU-VRi), established by INERIS (France), Steinbeis (Germany), Bay Zoltan Foundation (Hungary), Technologica (Belgium) and University of Stuttgart (Germany).
Position:	Researcher, Coordinator on behalf of FTS Novi Sad
Description:	FP7 Project: Early Recognition, Monitoring and Integrated Management of Emerging, New Technology related Risks (iNTeg-Risk). Research area - energy supply technologies.

Location/Date:	Slovenia, Croatia, Serbia and Bosnia and Herzegovina / November, 2010 – March, 2012
Institution:	Faculty of Electrical Engineering and Computing (FER), University of Zagreb, Croatia
Position:	Researcher, Data analyst
Description:	FP7 Project: "Intelligent Information System for Monitoring and Verification of Energy Management in Cities (ISEMIC)". Research - advanced energy management techniques.

Location/Date:	Republic of Serbia / October, 2011 – 2016
Institution:	Republic of Serbia / Ministry of Science and Technological Development
Position:	Researcher in both Projects
Description:	Two complementary projects: TR33058 „Energy Systems in Public Buildings" and TR33013 „Development of intelligent monitoring control system to increase energy efficiency in buildings". Main goal: introduction of energy management and intelligent monitoring and control system in public buildings in accordance with EU standards

Location/Date:	Republic of Serbia, October/2003 - June/2008
Institution:	Ministry of Science, Technology and Development, Republic of Serbia
Position:	Researcher (tasks: technical expertise, auditing and data processing)
Description:	Four long-term national projects ("National Program of Energy Efficiency"): 1. Improve energy efficiency in industry using automatic control and regulation (2003-4 2. Energy efficiency of large buildings of complex and multiple assignment (2003-05) 3. New technologies for combine heat and power production in industry (2005-06) 4. Analysis of concrete low-potential hydrothermal energy resources with the ability to production of cooling energy and electricity (2007-08)

6.2 INDUSTRIAL FACILITIES AND COMMERCIAL / PUBLIC UTILITY SERVICES

Location/Date:	Republic of Serbia / May-June, 2017, and June 2018.
Company:	Noble Environmental Serbia, member of Noble Environmental Technologies (USA)
Position:	Consultant for engineering, measurements and calculations
Description:	(1) Feasibility Study: Technical and economic feasibility for fuel substitution; (2) Expertise: Analysis of specific energy consumption for hot press production line.

Location/Date:	Republic of Serbia / November, 2017.
Company:	UNDP (United Nations Development Program) Project
Position:	Responsible on behalf the Faculty of Technical Sciences, Novi Sad
Description:	"Sustainable Energy Solutions in the Rural Environment of the Democratic People's Republic of Korea". Practice for cost-effective and energy conservation solutions.

Location/Date:	Republic of Serbia / December, 2014 – May, 2015
Company:	Strauss Adriatic (Doncafé), Serbia
Position:	Consultant for engineering, measurement and calculations
Description:	Feasibility Study: Assessment of technological and economic sustainability for heat recovery in industrial process of roasting coffee.

Location/Date:	Republic of Serbia / Feb. – Dec., 2013
Company	Petroleum Industry of Serbia (NIS), Serbia
Position:	Consultancy team member
Description	Introduction of Energy Management System, according to ISO 50001. Activities: energy auditing, procedure developing, monitoring and control of implementation.

Location/Date	Republic of Serbia / Feb. – June, 2012
Institution	UNEP and the Cleaner Production Centre (Serbia); Joint UN program funded by Spanish Fund for Millennium Development Goals "Sustainable Tourism for Rural Development"
Position	Consultant, Trainer
Description	"Energy Efficiency and Renewable Energy as a Precondition for Sustainable Rural Tourism". (Technologies; Regulation; Financing; Management). 12 Workshops, 12 cities.

Location/Date:	Republic of Serbia / Oct. /2011 – Jan. /2012.
Institution:	European Bank for Reconstruction and Development (EBRD)
Position:	Local partner in Project: Construction of the Strategic Oil Products Reserve Capacity in a Public Company Transnafta, Serbia.
Description:	Environmental and Social Due Diligence Report: Environmental, Health & Safety and Social risks and opportunities, according to relevant EU directives and EBRD Policy.

Location/Date	Republic of Serbia / February, 2006 – March, 2008.
Institution	Ministry of Mining and Energy, Republic of Serbia
Position	Consultant, Trainer
Description	"Introduction of the new energy efficiency policy, energy balance on local level and implementation of Kyoto Protocol". Implemented in all Serbian municipalities.

Location/Date	Republic of Serbia / February, 2004 – March, 2007.
Institution	Government of AP Vojvodina, Provincial Secretariat for Energy and Mineral Resources
Position	Consultancy team member, Energy auditor, Data analyst
Description	"Priority Realization Program on economic development of AP Vojvodina in period from 2004-07 for Energy Efficiency" (production, consumption, technology, renewables).

Location/Date	Republic of Serbia / May, 2002 – June, 2003.
Company	Thermal Power Plant - Heating Plant „Panonske“ - Zrenjanin plant („Panonske“ plants operate within the Public company Electric Power Industry of Serbia)
Position	Consulting / engineering for heat energy distribution, metering and control
Description	Energy efficiency improvements in power and heating plant and improve system of measurement for delivering heat energy to end users - technical expertise and auditing.

6.3 ENERGY EFFICIENCY IN BUILDING SECTOR

Location/Date	Republic of Serbia / August – December 2018.
Company	United Nations Development Programme (UNDP), Serbia
Position	Consulting / engineering
Description	UNDP/GEF Project: “Removing Barriers to Promote and Support Energy Management Systems in Municipalities throughout Serbia”

Location/Date	Republic of Serbia / July 2018 – April 2019
Institution	German Federal Corporation for International Cooperation (GIZ GmbH)
Position	Consultant with responsibility for mechanical part of energy infrastructure in buildings
Description	“Energy efficiency for Public buildings in Serbia”. Support to the national working group for upgrade of EE regulations from the prospective of definition of minimal requirements for energy performance of buildings and extension of building typology.

Location/Date	Republic of Serbia / November, 2013 – June, 2014
User	IPA Project (Instrument for Pre-Accession Assistance) for 12 Serbian municipalities
Position	Consultant, Trainer, Energy Auditor
Description	"REC"-"Renewable Energy in Cities". Activities: Energy audits in 5 large scale public buildings; Trainings, Seminars, Energy management plans and programs for authorities

Location/Date	Montenegro, Bosnia and Herzegovina, Albania / August – December, 2013
Institution	German Federal Corporation for International Cooperation (GIZ GmbH)
Position	Consultant for program and manual preparation, Trainer (education and practice)
Description	“Regional training on planning and monitoring energy efficiency measures in the constructing sector”. Two courses: (1) Inspection of boilers and air conditioning systems and (2) Monitoring and Verification of energy systems

Location/Date	Novi Sad, Republic of Serbia, October/2011 – October/2013
Company, Institution	Three projects for different public companies and institutions: 1. Public company: Electricity Distribution Company “Elektrovojvodina” Ltd. Novi Sad, 2. Ministry of Interior Affairs, Police High School – Basic Police Training Centre, 3. Public company: Novi Sad Fair (building: Hall 1 of the Novi Sad Fair).
Position:	Auditor and Project developer for Corporate building, Training Centre and Hall 1
Description	Detailed energy audit and Pre-feasibility study development for energy revitalization of building envelops and energy infrastructure due to increasing energy efficiency

Location/Date	Novi Sad, Subotica, Republic of Serbia, March/2009 - December/2012
Institution	Public utility company - District heating companies in Novi Sad and Subotica
Position	Energy auditor
Description	Development strategy for District heating company "Novosadska Toplana" to the year 2022, with vision of possible development directions to the year 2032.

Location/Date	Subotica and Vrbas, Republic of Serbia, March/2009 - December/2010
Institution	Government of AP Vojvodina, Provincial Secretariat for Energy and Mineral Resources
Position	Energy auditor and Project developer
Description	Detailed energy audit and Pre-feasibility study development for energy revitalization of 2 large, regional hospital complex: General hospital Subotica and General hospital Vrbas

Location/Date	Republic of Serbia, 2003/2004 and 2006/2007
Institution	The World Bank, IBRD/IDA and Ministry of Mining and Energy, Republic of Serbia
Position	Energy auditor and pre-feasibility project developer, responsibility for 12 buildings
Description	Detailed energy audits and Pre-feasibility study development for energy revitalization of building envelops and energy infrastructure for selected Schools and Hospitals

6.4. ENGINEERING PROJECTS (FIELD MEASUREMENTS, DETAILED AUDITS, REPORTS)

Position: Lead or responsible engineer for performance measurements

Type of projects: Short-term engineering expertise and audits (that have not referenced in items 6.1 – 6.3)

Industry/Company	***Title / Short description of activities***
District heating company Pančevo	Acceptance test of hot water boiler (7 MW) / Measurements of flue gas composition, velocity, temperatures and flows, according to EN 12952–15:2003 requirements.
Food industry, Indjija	Energy performance checking and optimization of pasteurization line. Measurement, acquisition and control of temperature profile in cans across process line.
Brewery, Čelarevo	Flow control for heat exchanger performance testing in malt syrup processing line. Ultrasonic measurement approach is used with temperature measurement.
Meat industry, Novi Sad	Energy performance checking and optimization in meat deep freezing process. Measurement and control of temperature profile in industrial cooling installation.
Cold storage, Srbobran	Heat losses investigation for cold storage envelope by thermography techniques. Measurements and analysis of 2D temperature profile and U value of wall structure.
Food industry, Šimanovci	Determination of waste heat potential by measurement and monitoring of temperature, velocity, flow, composition of flue gases from industrial coffee roaster.
District heating comp., Subotica	Acceptance test of economizer for hot water boiler. Measurement of different temperatures of flue gases and hot water, according to standard requirements.
Construction Eng., Novi Sad	Energy performance checking for air conditioning system. Measurement of temp. and humidity profile for different regimes inside production plant, offices and corridors.
Thermal Power Plant, N. Sad	Checking of commercial measuring system for heat energy delivering from regional Thermal Power Plant to the public utility company – district heating system in N. Sad
Meat industry, Jagodina	Measurement of temperature profile in cans during sterilization, inside a chamber of autoclave for different meat products. Data acquisition approach is used.
Electric power company, N. Sad	Measuring, regulation and balancing of HVAC installation in calibration rooms for commercial electric meters in order to adjust proper indoor air quality.

7. PROFESSIONAL QUALIFICATIONS

Location/Date	Belgrade, Republic of Serbia, November, 2015
Institution	LEEN GmbH (founded in cooperation of the IRESS GmbH, the Energie Baden-Württemberg Vertriebs GmbH and Fraunhofer Gesellschaft e.V.), Karlsruhe, Germany
Type/Title	Qualification and Certification for LEEN networks in the Area of Western Balkans
Description	Training for position of Consultant Engineer in LEEN (Learning Energy Efficiency Networks). Topics: LEEN energy audit^{plus} , monitoring tool, investment calculation tool.

Location/Date	Novi Sad, Republic of Serbia, January – April, 2013
Institution	TÜV Rheinland InterCert Kft., Budapest, Hungary
Type/Title	Certification program / Energy Management System According Standard ISO 50001:2011 and Training for Internal Auditor for Standard ISO 50001:2011
Description	Qualification and Certification for “Internal auditor for ISO 50001:2011” (Certified)

Location/Date	Washington, DC and Burlington, Vermont, United States, September, 2012
Institution	Open World Leadership Center, supported by Congress of the United States
Type/Title	Professional visiting program / GREEN TECHNOLOGIES
Description	Series of workshops, lectures and practices on energy management techniques, energy policy, energy technology, energy services and LEED certificated buildings.

Location/Date	Berlin, Karlsruhe, Stuttgart, Germany and Novi Sad, Serbia, 2009-2010
Institution	Steinbeis Advanced Risk Technologies GmbH (R-Tech), Steinbeis Group, Stuttgart, Germany
Type/Title	“On the job” training / “ESPRiT” - Enhancing Industrial Safety, Environmental Protection and Risk Management in Serbia / Training, Education and Technology Transfer
Description	Lecturing and plant visits. Main topic: Health, Safety, Security and Environment (HSSE)

Location/Date	Ankara, Istanbul, Turkey, June, 2008
Institution	Japan International Cooperation Agency (JICA) and General Directorate of Electrical Power Resources Survey and Development Administration (EIE), Ankara, Turkey
Type/Title	Professional training / On Energy Efficiency and Management in Industry (two weeks)
Description	Series of workshops, lectures and laboratory practices on energy efficiency.

Location/Date	Belgrade, Republic of Serbia, December, 2007- March 2008
Institution	Norsk Energi, Oslo, Norway and Ministry of Mining and Energy, Republic of Serbia
Type/Title	Training / Implementation of Kyoto Protocol and Clean Development Mechanism (CDM)
Description	Government initiative for introduction of the new energy efficiency policy on local level.

Location/Date	Fukuoka, Kitakyushu-shi, Tokyo, Japan, March – June/2005
Institution	Government of Japan, Japan International Cooperation Agency (JICA)
Type/Title	Training / ENERGY MANAGEMENT FOR CENTRAL AND EASTERN EUROPEAN COUNTRIES
Description	Three months training program. Series of workshops, lectures and plant visits in field of Energy management and Energy efficiency in industry and power engineering.

Location/Date	Belgrade, Republic of Serbia, March, 2003 - May, 2004
Institution:	Serbian Energy Efficiency Agency and LDK Consultants, Athens, Greece
Type/Title	Government initiative, Series of workshops and trainings / INDUSTRIAL ENERGY AUDITS
Description	Knowledge transfer for energy audit, data analysis, recommendation and reporting

Location/Date	Belgrade, Novi Sad, Nis, Republic of Serbia, February, 2002 – March, 2003.
Institution	Norwegian Energy Efficiency Group (NEEG) and Ministry of Mining and Energy, Serbia
Type/Title	Series of tree trainings / FINANCIAL ENGINEERING FOR ENERGY EFFICIENCY PROJECTS
Description	Combined Training and Project Development: Technical and financial engineering.

8. ACADEMIC SCHOLARSHIP HOLDER

1. FULBRIGHT SCHOLAR PROGRAM (Academic program of the United States Department of State, Bureau of Educational and Cultural Affairs), Scholarship for visiting scholar position at U.S. University.
2. COIMBRA GROUP PROGRAM (Association of long-established European multidisciplinary universities), Scholarship for young researchers at some of Coimbra Group Universities (39) in 23 European countries.

9. ACADEMIC MOBILITIES AND PROGRAMS

Location/Date	United States of America, Urbana-Champaign, March, 2018.
Institution	University of Illinois at Urbana-Champaign / Department of Mechanical Science and Engineering - Air Conditioning and Refrigeration Center (ACRC)
Program	Visiting Scholar / Fulbright Program
Description	Air conditioning and refrigeration research topics in ACRC Labs at University of Illinois

Location/Date	United States of America, Pittsburgh, Academic year 2017/2018
Host Institution	University of Pittsburgh, Mascaro Center for Sustainable Innovation
Program	Fulbright Visiting Scholar
Description	High-performance buildings, their sustainability and impact to the environment, society and economy. Analysis of energy performances in operation phase in life cycle.

Location/Date	Koshice, Slovakia, March/2017
Host Institution	Technical University in Košice, Department of process and environmental engineering
Program	Teacher Mobility / CEEPUS (Central European Exchange Program for University Studies)
Description	Building Knowledge and Experience Exchange in CFD (CIII-RS-1012-02-1617-M-101493)

Location/Date	Torino, Italy, December/2016 and Warsaw, Poland, March/2017
Host Institution	"Politecnico di Torino", Torino, Italy; "Instytut Techniki Budowlanej", Warsaw, Poland
Program	European cooperation in science and technology (COST), supported by Horizon 2020
Description	European network for shallow geothermal energy applications in buildings and infrastructures (GABI), COST Action: TU1405 (2014 – 2019)

Location/Date	Graz, Austria, June/2016
Host Institution	Graz University of Technology, Institute for Chemical Eng. and Environmental Technology
Program	Teacher Mobility / CEEPUS (Central European Exchange Program for University Studies)
Description	Field: Chemistry and Chemical Engineering (CIII-SI-0708-04-1516)

Location/Date	Brno, Czech Republic, June/2016, June/2017, June 2018.
Host Institution	Brno University of Technology, Faculty of Mechanical Engineering, Energy Institute
Program	Teacher Mobility / CEEPUS (Central European Exchange Program for University Studies)
Description	Field: Building Knowledge and Experience Exchange in CFD (CIII-RS-1012-01-1516)

Location/Date	Groningen, Holland, May – July/2006
Host Institution	University of Groningen, Department of Energy and Environmental Sciences
Program	Researcher Mobility / Coimbra Group scholarship program for young researchers
Description	Research study in field of INDUSTRIAL REFRIGERATION ENGINEERING, Topic: Improvement of chilled water system operation (Different energy scenario analysis)

10. MEMBERSHIP OF PROFESSIONAL BODIES

- IFCET (International Forum for Clean Energy Technologies), Scientific and program board member
- National Petroleum Committee of Serbia (member of WPC), Assembly member
- STES (Society of Thermal Engineers of Serbia), Scientific board member
- IEEP (Reg. Conf. on Industrial Energy and Environmental Protection in SE Europe), Org. board member
- ICET (Int. Conference on Engineering and Technology), Organizational board member
- SMEITS (Serbian Union of Mechanical and Electrical Engineering), Member
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers), Member
- International Energy and Investments Days – Novi Sad Fair, Member of the expert commission

11. LECTURES *(as invited lecturer)*

- Lecturing on topic: POSSIBILITY OF REDUCTION OF NATURAL GAS CONSUMPTION BY STRONG MAGNET TECHNOLOGY, Serbian Chamber of Engineers, Novi Sad, Belgrade, Serbia, 2016.
- Lecturing on topic: RISK ASSESSMENT AND REFINING PROCESS (OHSAS 18001 - occupational health and safety; Determining the ways and measures to eliminate, reduce or prevent the risk; HAZOP). Audience: engineers/operators in NIS Oil Refinery (Petroleum Industry of Serbia), Pančevo, Serbia, '13.
- Lecturing on topic: EMISSION TRADING OPPORTUNITIES FOR SERBIAN COMPANIES. Support for Serbian District Heating Companies, an EU funded project managed by the European Agency for Reconstruction; Project carrier- consortium Seven/Prag, EC-Kalkum/Heidelberg, Zrenjanin, Serbia, '09.
- Lecturing on topic: CDM POSSIBILITIES FOR CHEMICAL SECTOR, Board for Chemical industry, Regional Chamber of Commerce, Pančevo, Serbia, 2008.
- Lecturing on topic: CDM PROJECT CYCLE, for Ministry of Mining and Energy and Chamber of Commerce of Vojvodina. Workshop: CDM Capacity Building in Serbian Institutions in frame of "Norwegian assistance for introduction of new EE policy, energy balance on local level", N. Sad, Serbia, '07.

12. TECHNICAL EXPERTISE FOR JUDICIAL AND EXTRA-JUDICIAL PROCESESS

- Basic court: Litigation of Civil Engineering Company (Investor) – Thermal engineering company.
- Commercial Court: Litigation of Thermal Power / Heating Plant – Shoes/ leather manufacturer.
- Commercial Court: Litigation of Chemical concern – Gaseous fuel producer.
- Extra-judicial process: Building material manufacturer – Thermal engineering company.
- Technical Expertise: Public company "Electric Power Industry of Serbia"

I, the undersigned, certify that these data correctly describe me, my qualifications and my experience.

MIROSLAV KLJAJIĆ		August, 2018.
Name	Signature	Date