

**SC. SEAD AVDIC IS**

62 220 330, 00387 avdic.sead@yahoo.com

**SUMMARY**

I was working all My life as enthusiastic, dynamic and passionate qualified Science Teacher for a leading different Department of Faculty, Secondary school based in Working, Development, and creativity

I see the role of Your Company as the perfect position for me to make the most of my passion and enthusiasm, and also assignment for a successful career in the Science, Researcher and Development of Mechanical Engineering industry. Despite my great work experience, I believe my eagerness to learn, coupled with my hard-work and dedication, will help Development of System Education.

A large part of my life I devoted inventiveness as a natural ally of human civilization from the resulting innovation paradigm of the 21st century, according to research projects FP-7 and EU Horizon 2020 .... In that sense, I have published several papers on the topic of "Innovation model of industrial development" and presented at several conferences to India.

**Accomplishments**

- Dr Sead Avdic as a recognized university teacher, scientist, and expert in several disciplines in the field of technical sciences, its scientific and technical work on specific jobs and tasks given outstanding contribution to the mechanical industry in BiH and beyond, including: design, development and construction particularly demanding parts, .mechanical equipment and plants hydraulic and pneumatic gear, mechatronic modules, manipulators and robots and the application of flexible automation in the same.
- (from paper to make the appointment of Academics, the proposal) The development of innovation as an economic use of creativity and a series of papers in this field until Innovation model of industrial development.
- Team work, potential mobilization - especially of staff mobilization, enthusiasm, social sensibility and emotional stability.
- Previous can be illustrated through numerous leader position and area of science and education, such as: President of the UNESCO National Commission for Bosnia and Herzegovina, President of the Commission for Education and Science of the Parliament of the Federation of Bosnia and Herzegovina, Chairman of the Parliament of Bosnia and Herzegovina .Member of Parliamentary Assembly Council of Europe,..and finally Ambassador of BiH to the INDIA.He has been quest university professor in the Republic of INDIA Recently, He was elected for Rector of International University of Gorazde, Bosnia and Herzegovina Computer skills : Work in MatLab, Simulink, Usage and work with Microsoft Office and Internet.
- SCADA Systems ,PLC Programing, C++ (general knowledge) Application Neural Network to the Industry Development, Information systems, Computer

Control, Other skills and competencies: Rich multidisciplinary activity has created a range of skills that are now essential to the conduct, universities, colleges, institutes and production systems.

- In particular, it mirrors proven areas such as The Management of business and production systems, the development of new scientific disciplines, particularly automation and robotics manufacturing, mechatronics, Skills of negotiations, finding optimal solutions, speaking and presenting skills, convincing skills.
- Dr.
- Avdic created an initiative, proposal, organizationally and scientifically designed imposing of new educational profile in the area of MECHATRONICS - and dr.
- Avdic was Professor and first Head of Mechatronics Department.
- Scientific and expert work of the Candidate: In his scientific work, the Candidate has published in domestic and international magazines 43 scientific works, and more than 60 expert works in following areas: automation in mechanical engineering and mining, hydraulics and pneumatics, mechatronics and technological development.
- The candidate has worked in the research, design and implementation of the following types of tasks: --Management of Project water supply of the city of Tuzla,  $Q = 300 \text{ l s}^{-1}$ ,  $l = 10.5 \text{ km}$  .
- Development and implementation of information systems with computer data processing --Application Microcomputer systems for the purpose of conducting an integrated machinery "ICAMC, 1980g VI International Conference on Automation in Mining, Katowice, Poland 1980g --Application Servo-hydraulic systems for control of hydrostatic Drive in mining "Congres II: Automation in mining JUREMA, 1984g.Plitvice --Research of Dynamic behavior of hydrostatic drive hydraulic excavator SW-760 in order to diagnose faults, downtime and them the elimination of "Study: PPT Trstenik-IRI Tuzla, 1987g.
- Development Technology parks in terms of regional development ANU Sarajevo, March 1999g --Contributin to identification of the dynamics of the boom to swing mecanisms of bucket wheel excavator with hydrostatic transmission of Power, International Design Conference DESIGN 1998g Dubrovnik -- DC-IX Productika responsible researcher: 'Research and definition of the structural model of industrial robot locomotion-manipulationog type' 1989g --Macro BTO project, development of the bucket wheel excavator KSD-750 --Dr Sead Avdic was as responsible researcher for the following areas: -- automatization process of bucket-wheel --Construction, optimization of parameters and hidraulics drive excavator --Construction wheel excavator KSD-750 years 1989,1990,1991 --'How do products with a high content of knowledge' forum Bosnia, Sarajevo, 2004g -- 'Strategy for scientific-technological development of Bosnia and Herzegovina' Unesco & ANU Sarajevo, -- Neural networks, intelligent tool for maintaining mechatronic systems (Neural networks, intelligent tool in the maintenance of mechatronic systems) ", XII International Conference" Mechanics 2007 ", Kaunas, Lithuania, 2007.
- Mechanical Technologies, --Strategic Technological development in the function of reintegration of Bosnia and Herzegovina " Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo, 1998g --Inovation Model of Industry Development, ANU, Sarajevo,..Faculty of Mechanical Engineering, 2012, Pune, INDIA, Institut of Management , Delhi INDIA,.2011 Scientific-research

specialization and study visits - in 1982 specialization at the Company Mannesmann REXROTH - Germany - Automatics AGH - Krakow, Poland - EMAG - Katowice, Poland - Politechnics - Wroclaw, Poland - BBC Swiss - Orenstein - Koppel, Germany - Vost Alpina - Austria - USAID-PIET - Seattle - Washington DC, USA - IDI - Dublin, Ireland, Candidate is the author of following books: FLEXIBLE AUTOMATICS, Printcom, 2005 BASIS OF OIL HYDRAULICS, OMO Belgrade, 1989 AUTOMATIZATION IN MINING, Faculty of Mining and Geology, University of Tuzla, 1980 Publishing project - in preparation: FLUID TECHNICS - oil hydraulics - servo-hydraulics - automatics ( work in progress).

## Skills

- Automation, Council, Mechanical, Mechanical Engineering, Mechatronics, Robotics, Mechanical Automation,...

## Experience

**University Professor** Jan 2015 to Jan 2016, Intruduction to Informatics

**University of VITEZ**

Jan 2010 to Jan 2013

- Ambassador of Bosnia and Herzegovina to the Republic of INDIA, Delhi.

**University Professor** Jan 2006 to Jan 2010

**University of Tuzla - University of Mechanical Engineering Ministry of Foreign Affairs of Bosnia and Herzegovina, Sarajevo**

- (dual employment: 30% at the University and 70% at the MoFA, Sarajevo).

**Professor** Jan 1996 to Jan 2006

**University of Electrical and Mechanical Engineering**

**Deputy Mayor** Jan 1994 to Jan 1997

Jan 1989 to Jan 1996

Jan 1991 to Jan 1994

**Faculty of Electrical and Mechanical Engineering Municipality of Tuzla**

- President of the Executive Council of the Municipal Assembly Tuzla, during the war in BiH.

**Teaching Assistant, Assistant Professor** Jan 1972 to Jan 1989

## Education and Training

**Doctor of Science, Technical Sciences, Mechanical Engineering and Naval**

**Architecture** 1989 University of ZAGREB Automation in Mechanical Engineering, Mother language Bosnian

**Doctoral Degree, Faculty of Mechanical Engineering and Naval Architecture** 1984 Zagreb

University Vice Dean at the Faculty of Mining, Head of Mining Department

**Master of Science, Mechanical Engineering and Naval Architecture** 1979 Zagreb

University

**Master of Science, Mechanical Engineering and Naval Architecture**1979University of ZAGREB

**Professor Employer: Mechanical-Traffic School, Tuzla, Mechanical Engineering**1972

**Mechanical Engineering**1969University of BELGRADEGraduated Mechanical Engineer  
Area of Science and Profession, Mechanical Engineering, Department of Manufacturing  
Name and type of organization

### **Personal Information**

Nationality: , BiH Date of Birth: May 02, 1944. Sex: Male

### **Activities and Honors**

MEMBERSHIP in PARLIAMENT of Bosnia and Herzegovina and PROFESSIONAL SOCIETIES 1980-1987 Member of the JUREMA Bosnia and Herzegovina Society, Section Leader: Automation in Mining 1985-1990 Member of the JUREMA - Union of Socialist Federative Republic of Yugoslavia 1988 Member of the ICAMC Committee (International Conference on Automation in Mining and Metallurgy) 1997-2001 President of the Association of Expert and Scientific Workers in Area of: Measurements, Automation, and Informational and Communication Technology BiH 1998-2000, Member of Cantonal Assembly and Member House of People F BiH 2000-2002, Member of House of Representatives, HoR, Chairman of HoR 2002-2006 Member of House of Representatives, HoR 2002-2006 Member of Parliamentary Assembly Council of Europe, Member of Political Committee 2004-2009, President of National Commission of UNESCO, Bosnia and Herzegovina Personal Information: Name: Sead Last name: Avdic Telephone: 00387 62 220 330

### **Publications**

- FLEXIBLE AUTOMATICS, Printcom, 2005
- BASIS OF OIL HYDRAULICS, OMO Belgrade, 1989
- AUTOMATIZATION IN MINING, Faculty of Mining and Geology, University of Tuzla, 1980
- Publishing project - in preparation: FLUID TECHNICS - oil hydraulics - servo-hydraulics - automatics ( work in progress).

### **Present job:**

Rector of International University of Gorazde, University of VITEZ, Prof Faculty of Information Technology, VITEZ Marital Status:

- Sons:
- ADI AVDIC, born on April 03, 1981 TUZLA
- ALJOSA AVDIC, born on April 01, 1984. TUZLA Spouse: SEVALA AVDIC, Mining Engineer, Born on July 08, 1952 TUZLA

### **Interests**

English language: , Understanding Speaking Listening Reading Speaking interaction Speaking German language: Understanding Speaking Listening Reading Speaking interaction Speaking .Intelligence Analyst,..Psycho Cybernetics,..Mashine Learning,..Advance...Sport recreation, swemming,..walking,social activities,..NGO, etc

