CURRICULUM VITAE

Dr. Atif Elgozali, Ph.D. Assistant Professor.

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Education

- PhD, Chemical Engineering, Institute of Chemical Technology (VŠCHT), Prague-Czech Republic, 2001.
- M.Sc., Chemical Engineering, Institute of Chemical Technology (VŠCHT), Prague-Czech Republic, 1997.
- B.Sc., Chemical Engineering, University of Khartoum, Khartoum-Sudan, 1995.

Academic Appointment at SUST

- Total year of service: 5 years
- Head of Plastics Engineering Dept.: 2005-Present.
- Head of Plastics Technology Dept.: 2002-2005.
- Assistant Professor, 2002-Present.

Other Related Experience (teaching, industrial, etc.)

- Assistant professor, College of Engineering, Karary Academy of Technology, Khartoum, Sudan, 2003-2004.

Membership in Professional and Scientific Societies

1. Member of Sudanese Engineering Council, Sudan, 1996-Present.
2. Member of Sudanese Engineering Society, Sudan, 1996-Present.

Honors, Awards & Grants

- Prize of the Sudanese Engineering Society for the best performance in the graduation project, 1995, Faculty of Engineering and Architecture, University of Khartoum, Sudan.

Publications and Conferences

1. Elgozali A. and Hassan M. "Effect of additives on the mechanical properties of polyvinyl chloride", *Journal of Science and Technology*, **8**(3) (2007), 1-12.
2. Elgozali, A., Linek, V., Fialová, M., Wein, O., Zahradník, J. "Influence of viscosity and surface tension on performance of gas-liquid contactors with ejector type gas distributor", *Chemical Engineering Science* **57** (2002), 2987 – 2994.
3. Elgozali, A., Fialová, M., Linek, V., Wein, O., Zahradník, J. "Characteristics of (g)-(l) contactors with ejector-type gas distributor for aqueous polymer solutions", Proceedings of the **28th** *International Conference of Slovak Society of Chemical Engineering* (*SSCHE*) (2001), Tatranske Matliare, Slovak Republic.
4. A. Elgozali, J. Zahradník and V. Linek. "Hydraulic and mass transfer characteristics of Newtonian liquids in ejector loop reactors", Proceedings of the Czech **14th**

International Congress of Chemical and Process Engineering (*CHISA*) (2000), Prague, Czech Republic.

5. A. Elgozali, V. Linek and J. Zahradnik. "Effect of liquid phase viscosity on the gas suction rate and gas hold-up in ejector loop reactors", Proceedings of the Czech **46th** *National Congress of Chemical and Process Engineering* (*CHISA*) (1999), Srní-Šumava, Czech Republic.

Institutional and Professional Service in the Last Five Years

- Member of the Plastics and Rubber Technical Committee at Sudanese Standards and Metrology Organization (SSMO), Khartoum-Sudan: 2004-Present.

Professional Development Activities in the Last Five Years

1. Supervision of M.Sc. theses 2004-Present.

- Magdi Hamza Hassan (2004). Effect of Additives on the Properties of Polyvinyl Chloride. College of Engineering, Karary Academy of Technology, Khartoum, Sudan.

2. Supervision of B.Sc. graduation projects 2005-Present.

- Omer Elamin and Ibrahim Suliman (2007). Design of Rubber Springs. College of Engineering, Sudan University of Science and Technology.
- Amin Elfatih, Abdellah Hassan and Rania Mohamed (2007). A new technology to manufacture polypropylene foam sheet and biaxially oriented foam film. College of Engineering, Sudan University of Science and Technology.
- Ahmed Khider and Galal Mustafa (2007). Design of Factory for producing water tanks. College of Engineering, Sudan University of Science and Technology.
- Mohamed Gaafar, Ismaeel Hassan and Rasha Salih (2006). Design of Factory for Producing Polyethylene Teraphthalate using Sudanese Liquefied Petroleum Gas. College of Engineering, Sudan University of Science and Technology.
- Ayat Hassan, Abdelah Saeed and Yassir Gurashi (2006). Comparison of Different Design of Extruder for Producing Profiles from Polyethylene, Polypropylene and Polyvinyl chloride resins. College of Engineering, Sudan University of Science and Technology.
- Ahmed Osman, Gihad Sabri and Khansaa Abdeldafie (2006). Design of Factory for Producing Wood–Plastic Composite Sheets. College of Engineering, Sudan University of Science and Technology.
- Osama Elamin, Alsamany Shamseldeen and Mansour Bakheet (2005). Design of Factory for Producing High Density Polyethylene Using the Sudanese Liquefied Petroleum Gas. College of Engineering, Sudan University of Science and Technology.

- Ayman Wedaha, Alaeldeen Mohamed and Nagmeldeen Makky (2005). Design of Factory for Producing Polyvinyl Chloride Using the Sudanese Liquefied Petroleum Gas. College of Engineering, Sudan University of Science and Technology.
- Hala Ahmed and Hdyia Ahmed (2005). Design of Styrene Plant from Sudanese Liquefied Petroleum Gas.

3. MSc courses: Polymer Technology, at Karary Academy of Technology, Department of Chemical Engineering in the academic year 2003 – 2004.
4. B.Sc. courses: Fluid Mechanics I & II, Heat Transfer, Mass Transfer, Kinetics and Reactor Design I, Processing of Plastic Materials, Rubber Processing I & II, 2003-Present.