



# Dr. Sardar Asif Khan

PhD, MBA, P.Eng., FEC, PMP

Running for **VICE PRESIDENT**

**"THERE IS NO EXCUSE FOR NOT TRYING"**

Dear PEO Members,

As we commemorated PEO's centenary in 2022, it is clear that our association has played a pivotal role in overseeing the engineering profession in Ontario. However, the dynamic nature of the engineering field and emerging challenges demand immediate attention.

### **Challenge #1: Evolving Engineering Disciplines**

Engineering is rapidly evolving, with emerging specializations like renewable energy, cybersecurity, autonomous systems, AR/VR, robotics and blockchain, to name a few. Notably absent from PEO's current list of 32 disciplines, these areas demand our focus. The integration of **AI in engineering** poses **ethical challenges**, such as bias in algorithms and transparency in decision-making. Adapting regulations is imperative to ensure safety, ethical standards, and societal well-being. Specifically, **the automotive industry**, especially autonomous systems, necessitates tailored regulations for safety, highlighting the need to bring engineering applications within the automotive sector under PEO's purview.

### **Challenge #2: Limited Member Engagement and Public Trust**

With a mere 10% voting turnout, there's a notable lack of member interest, often viewing PEO as just a framed license certificate. Active engagement is crucial to build trust within the profession and the public. Emphasizing **Licensed Professional Engineers' Exclusive Rights** is paramount for ensuring public welfare and safety.

### **Challenge #3: Maintaining Self-Regulation**

The privilege of self-regulation is at stake, as evidenced by challenges in British Columbia, the loss of self-regulation status by OIQ in Quebec, and, more recently, **Alberta's decision to reduce regulations for Software Engineers**. Let us not overlook the **Industrial Exception in PEO's Act**, which has impeded the regulation of our profession in Ontario for several years. To uphold legitimacy and credibility as a self-regulating profession, **we must proactively address these issues and secure our self-regulation status in Ontario**.

### **Solution: A Competent and Engaged Council**

The **remedy** lies in a council composed of individuals with the right skills, a passion for giving back, volunteering experience at the chapter and PEO committee levels, and a proven track record in engineering and management leadership. **PEO members must actively participate** in the election process to ensure **the selection of the right individuals**. **"THERE IS NO EXCUSE FOR NOT TRYING."** Together, we can strengthen our profession and shape its future.

### **Why Elect Me?**

With over 30 years of diverse engineering and management experience, including key leadership roles in the last two decades, I currently lead a continuous improvement organization across 22 plants and drive multimillion-dollar business case development for innovation and transformation at Stellantis MOPAR Supply Chain North America.

My commitment to the engineering profession is evident through extensive involvement within the PEO as a dedicated volunteer. I have a proven track record of success, having held strategic positions in the industry and earned accolades such as the "Leader of Leaders" Award.

Armed with a robust blend of volunteer and professional experience, I am unwaveringly committed to

advancing the engineering profession. I bring the leadership necessary to contribute on council and address current and future challenges.

Here's a concise overview:

**Volunteer Experience: PEO Windsor-Essex Chapter Board**

- Past Chair (2019 – 2021)
- Chair (2017 – 2019)
- Vice Chair (2015 – 2017)
- Secretary (2013 – 2015)
- Executive (2010 – 2013)

**PEO Windsor-Essex Chapter Subcommittee:**

- Chair, GLP Committee (2013 – Present)
- Mentor/Guide, LAP (2015)
- Chair, Learn to Leverage Lean (2011 – 2015)
- Member, Learn to Leverage Lean (2006 – Present)
- Chair and Founding Organizer, Innovation Station – Engineering Your Life event (2011 – Present)
- Chair, Technical Tours

**PEO Committee Experience:**

- Vice Chair, GLC (March 2022 – Present)
- Co-chaired the GLP conference with members from five regions for two consecutive years
- Member, GLC (2021 – Present)
- Served on the planning committee that hosted CLC with members from five regions for 4 years

**Other Volunteer Work Involvement:**

- Member, Board of Windsor-Essex County Health (2024 -2026)
- Co-Chair/Organizer, 2021 & 2022 ASME International MSE
- Chair, Program Approval Committee Automotive Product Design at St. Clair College (2020 – Present)
- Warden, Camp 14 of the Corporation of the Seven Wardens (2016 – Present)
- Science Fair Judge, WRSTEF (2008 – Present)
- Various roles in community organizations

**Professional Employment Experience: Automotive OEM (2005 - Present)**

- Leading Continuous Improvement Organization, Parts & Services, North America
- Knowledge Development Manager WCL, Supply Chain NA
- World Class Manufacturing Engine Plant Head
- Industrial Engineering Manager, Engine Plant
- Sr. Staff IE specialist, PT Operations
- Various roles in Engineering and Management

**Academia Experience:**

- Adjunct Professor, MAME, University of Windsor (2013 – Present)

**Education:**

- Doctor of Engineering, LTU, Southfield, MI, USA
- Master of Business Administration, CMU, MI, USA
- Master of Science, Manufacturing Engineering, WSU, Detroit MI, USA
- Bachelor of Science, Electrical Engineering, UET, Pakistan

**Awards and Honors (Most Recent):**

- Windsor Essex County 2023 Engineer of the Year Award
- UETAC 2022 Engineer of the Year Award
- FCA Award - "Leader of Leaders" (2018)
- PEO Order of Honour, Member Level (2019)
- Ontario Volunteer Service Awards (2016, 2021)
- PEO CLC People's Choice Award (2016)

**Additional Volunteering Highlights:**

- Successful advocacy with local MPPs for PEO positions
- Established and led the annual Windsor-Essex Chapter flagship event, Innovation Station - Engineering Your Life, since 2011

**TV Shows on Engineering Awareness:**

- Collaborated, organized, and participated in TV shows discussing math and engineering education in Ontario.

***As we approach this election, let us move beyond promises and choose leaders with a demonstrated history of making a positive impact. I encourage you to review platform, additional information, and track record, when making your informed decision.***

I am deeply honored to have your support in championing the success of the engineering profession in Ontario. Together, let us forge the path for PEO's future and guarantee the enduring prosperity of the engineering community in our province.

**Explore further into my background and aspirations:**

Website: [www.sardarasifkhan.ca](http://www.sardarasifkhan.ca)

LinkedIn: [www.linkedin.com/in/dr-sardar-asif-khan/](http://www.linkedin.com/in/dr-sardar-asif-khan/)

I am eager to engage in meaningful conversations with you.

Email: [khansardar1@gmail.com](mailto:khansardar1@gmail.com)