1. **Name:** Rambod Rayegan

2. **Education**
   - B.S.M.E., University of Tehran, Tehran, Iran, 1996.
   - M.S.M.E., University of Tehran, Tehran, Iran, 1998.
   - Ph.D., M.E., Florida International University, Miami, Florida, 2011

3. **Academic experience**
   - Sept. 2019-Present Prairie View A&M University, Mechanical Engineering Department, Associate Professor.
   - Sept. 2013-Aug. 2019 Prairie View A&M University, Mechanical Engineering Department, Assistant Professor.
   - Sept. 2012-Aug. 2013 University of North Texas, Mechanical and Energy Engineering Department, Visiting Assistant Professor.
   - Sept. 2011-Aug. 2012 University of North Texas, PACCAR Technology Institute, Post-Doctoral Research Associate.
   - Jan. 2007-Aug. 2011 Florida International University, Building Energy and Environment Research Center, Research Assistant.
   - Jan. 2003-Sept. 2006 Semnan University, Mechanical Engineering Department, Semnan, Iran, Lecturer.

4. **Non-academic experience**
   - Jul. 2000-Nov. 2006 Neghsh-e-sharestan Consulting Engineers, Tehran, Iran, Mechanical (HVAC) Design Engineer
   - Sept. 1997-Sept. 2003 Azarab Industries Company, Tehran, Iran, Mechanical Design Engineer in the field of Hydropower Plants
   - Nov. 1996-Dec. 1997 Iran Steel Plants (I.S.P.) Group, Tehran, Iran, Mechanical (HVAC) Design Engineer

5. **Certifications or professional registrations**
   Iranian Society of Professional Engineers

6. **Current Membership in Professional Organizations:**
   ASHRAE, ASME, and ASEE

7. **Honors and awards**

   - Prairie View A&M University, Roy G. Perry College of Engineering Outstanding Teaching Award, 2018.
   - Prairie View A&M University, One-Time Merit Award for Exceptional Work and Dedication to Students, October 2018.

8. **Service activities**

- Member of University Marketable Skills Leadership Team, February 2018 – Present
- Attended in Marketable Skills Conference hosted by Texas Higher Education Coordinating Board as a PVAMU representative, April 2018
- Primary Faculty Advisor for Pi Tau Sigma International mechanical Engineering Honor Society, January 2016- Present
- Reviewer for Summer Research Mini-Grant Program, Prairie View A&M University, Office of Research & Graduate Studies.
- Reviewer for limited submission NSF grants, Prairie View A&M University, Office of Research & Graduate Studies.
- Mentor, Summer Research Experience Program, Research Experience for Undergraduates (REU)

9. **Selected Publications and Presentations**

- Tao, Y. X**., Rayegan, R.**, Hasib, A., Xiong, G.,Hasib, H., Talele, S., 2016, "A Review of International Research in Zero-Energy Buildings," in Analytics for Building-Scale Sustainable Ecosystems (BSSE) – US-China Research Perspectives, Edited by: Y. X. Tao and Y. Jiang, Begell House, New York. Connecticut. USA, ISBN: 978-1-56700-279-9.
- Zhu, Y., **Rayegan, R.**,Tao, Y. X., "Case Study of Ground-Source Heat Pump Applications in Hot and Humid Climates", Journal of Architectural Engineering, 2015, 21(1): 05014006.

10. **Professional Development Activity**
- Texas A&M Engineering Experiment Station (TEES) Annual research Conference, College Station, June 2016
- Texas A&M Engineering Experiment Station (TEES) Thematic Research Meeting-Energy Systems and Services, Corpus Christi, March 2016
- Texas A&M Engineering Experiment Station (TEES) Thematic Research Meeting-Materials & Manufacturing and Infrastructure, Prairie View, March 2016
- Making Net Zero Net Positive: Solving the Efficiency & Cost Paradox Webcast Held by American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), April 2016
- National Science Foundation (NSF)'s Major Research Instrumentation Proposal Development/ Research Initiation Awards (RIA) Proposal Development Workshop Held by Quality Education for Minorities (QEM) Network, Washington DC, August 2015
- NSF CAREER and Other Young Investigator Programs Webinar Held by Texas A&M Engineering Experiment Station, April 2015
- IUSE Engineering Forum with NSF Program Officers Held by NSF Division of Undergraduate Education (DUE), in collaboration with Virtual Faculty, October 2014