

Bio -**Shahid “Bobby” Rauf, P.E, C.E.M, MBA**

Mr. Bobby Rauf is the President, Chief Consultant and a Senior Instructor at Sem-Train, LLC. Mr. Rauf has over 25 years of experience in teaching undergraduate and post graduate Engineering, Science, Math, Business Administration and MBA courses, seminars and workshops. Mr. Rauf earned his BS in Electrical Engineering, with honors, from NC State University, Raleigh, NC, USA. He earned his Executive MBA degree from Pfeiffer University Misenheimer, NC, US. He is a registered Professional Engineer, in the States of Virginia, Wyoming and North Carolina and is a Certified Energy Manager. He holds a patent in process controls technology.

Mr. Rauf was inducted as “**Legend in Energy**” by AEE, in 2014. Mr. Rauf is a member of **ASEE**, American Society of Engineering Education.

Mr. Rauf is certified to instruct various engineering, ergonomics, and industrial safety courses. He has conducted certification training and trained engineers for Professional Engineering licensure exams in the United States and abroad over the past fifteen years.

Mr. Rauf develops and instructs PDH (Professional Development Hour) and, continuing education, engineering skill building courses. He conducts these course in form of webinars, live on-site presentations, workshops, pre-recorded audio and self-study texts. Some his major clients include **Amazon, NYC MTA, NYSSPE, Patrick Engineering, and several universities**. He is also an Adjunct Professor at Gardner-Webb University.

Mr. Rauf has published the following textbooks over the last ten years:

- **Electrical Engineering for Non-Electrical Engineers**
- **Thermodynamics Made Simple for Energy Engineers**
- **Finance and Accounting for Energy Engineers**

He has also developed and published several self-study books, in electronic format, that cater to the continuous professional development needs of Engineers, Technicians and Technical Managers.

Mr. Rauf’s last full-time engineering employment, in the corporate world, was at PPG Industries, Inc. where he served as a **Senior Staff Engineer**. During his long career at PPG, his responsibilities included development and management of energy and ergonomics programs for multiple manufacturing plants, in the US and overseas.