

### **Iqbal Husain Bio**

Iqbal Husain is the Director of the FREEDM NSF Engineering Center and the ABB Distinguished Professor in the department of Electrical & Computer Engineering at North Carolina State University, Raleigh, NC. He also serves as Director of the Advanced Transportation Energy Center at NC State. Dr. Husain has extensive experience creating and improving advanced motor drives for various automotive and industrial applications, including electric and hybrid vehicles. He has also developed innovative graduate and undergraduate courses on electric and hybrid vehicles and published a textbook on the subject. He is the Editor-in-Chief of the IEEE Electrification Magazine, and also serves as a board member of the Industry Applications Society overseeing the education department.