Introduction to S.M. Wu School of Intelligent Engineering at South China University of Technology (SCUT)

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ABSTRACT Over the past few years, intelligent engineering has become a big trend around the world. In 2013, Germany first introduced the Industry 4.0 strategy. In 2016, Japan came up with the Society 5.0. To follow the trend, South China University of Technology (SCUT), a leading research University located in Guangzhou, China, has formed S. M. Wu School of Intelligent Engineering. The mission of the S. M. Wu School of Engineering is to foster new generation of engineers who will change the present and enrich the future, and to expand human knowledge and benefit society through research and development. Currently, the S. M. Wu School of Intelligent Engineering are building four research centers: the Industry 4.0 Innovation Center, the Machine Learning Research Center, the Soft Body Robotics Lab and the Wearable Robotics Lab. The school keens to develop a strong faculty team with both theoretical and practical strength by attracting great candidates. This presentation will introduce the S. M. Wu School of Intelligent Engineering at the South University of Technology (SCUT) job opportunities. It also discusses some key projects in intelligent engineering.

BIO Dr. R. Du is the founding Dean of S. M. Wu School of Intelligent Engineering in the South China University of Technology (SCUT) in Guangzhou, China. He received his M.S. from SCUT in 1983. In 1989, he earned a Ph.D. in Mechanical Engineering from the University of Michigan. After the graduation, he has taught in the University of Windsor, in Windsor, Ontario, Canada, the University of Miami, in Coral Gables, Florida, USA, and the Chinese University of Hong Kong (CUHK) in Hong Kong SAR, China. He was also the founding director of the Guangzhou Chinese Academy of Sciences Institute of Advanced Technology (2011 – 2015) as the founding director of the Institute of Precision Engineering in CUHK.

Dr. Du’s areas of research include: precision engineering, design and manufacturing as well as robotics and automation. He has published over 450 papers in various academic journals and international conferences. He is the associate editor / the members of editorial board of six international journals. He has received a number of international and regional awards and recognitions, including: Fellow of Canadian Academy of Engineering; Fellow of SME (Society of Manufacturing Engineers); Fellow of ASME (Society of American Mechanical Engineers); Fellow of HKIE (Hong Kong Institute of Engineers);