**Challenges in Designing Mechatronics Engineering Curriculum**

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**Abstract:** In this new millennium disability rehabilitation, disaster mapping and rescue, surveillance and security, robot assisted surgical operation, and many more areas are aspiring for solutions that transgress the traditional boundary of single engineering discipline. Concept of Mechatronics, a multidisciplinary engineering platform is the key to the development of such complex products or systems. The concept of Mechatronics was mainly introduced in the Japanese industries during the early seventies for efficient development of devices or products that involve multiple subsystems from different engineering disciplines. Later in the early nineties different universities came up with Mechatronics engineering curriculum to support the industries with graduates competent to work in such complex domain. The trend continued, and more universities all over the world are joining in this program. At its early stage, Mechatronics products used to cover mechanical, electrical and control system with little touch of electronics and software. However, with the advent of time, all the disciplines are expanding at a very high pace, specifically computation capability and sensory system, which pose a big challenge to fit Mechatronics in a 4-years frame of undergraduate curriculum. This presentation is based on real life experiences of designing Mechatronics curriculum for different universities. Experiences gained through onsite visit to universities in Singapore and Australia, and online visit to universities in Europe and North America are also included in this presentation to show how the challenges of Mechatronics curriculum are being faced.