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Efforts in Singapore in Teacher Preparation, Schooling and in Preparation of School Leaders within the Context of E-Learning Environment

One of the key challenges posed by the increasing connectedness between the learner and the learning environment, as a result of the advent of ICT, is the increasing unpredictability of pupil learning outcomes. To engage learners in meaningful learning interactions within this environment requires a concerted effort on 3 key areas—teacher preparation and professional development, school leadership development and establishment of enabling environment. This presentation will share how these are taking place in tandem in Singapore through the use of ICT within the context of transforming teaching and learning interactions. It will outline both the approach taken as well as the rationale for taking the approach, and very importantly how these efforts are coordinated to ensure meaningful outcomes.

Horn Mun Cheah is Dean for Foundation Programs at National Institute of Education (NIE), Singapore. He is responsible for all pre-service teacher training programs and leads the curriculum development and delivery of programs at NIE. He holds postgraduate diploma of Teaching in Higher Education from NIE Nanyang Technological University, and a PhD from Cambridge University. Among his educational and research interest are effective integration of IT into education and curriculum development. He led studies on ICT policy and computer science syllabus development (Bhutan), science and technology and e-learning (ADB assignment) and independent school policy formulation (Qatar). He is member to various education committees at the Singapore Ministry of Education, and has written a number of publications on ICT and education.

