

# MITE 2016

4<sup>th</sup> IEEE International Conference on MOOCs, Innovation and  
Technology in Education



9-10 December, 2016,  
Thiagarajar College of Engineering, Madurai.

November 9<sup>th</sup>, 2016

Kind Attn: **The Principal/Director/Secretary/Chairman.**

Dear Sir/Madam,

Greetings! Thiagarajar College of Engineering (TCE), Madurai, Tamilnadu, the sixty year old, Autonomous and Government aided institution, jointly with IEEE Education Society, India Council is hosting, 4<sup>th</sup> IEEE International Conference on ***MOOCs, Innovation & Technology in Education*** (MITE 2016) during December 9 & 10, 2016 in the college premises. Pre-conference workshops on ***Futuristic Academic Frameworks and Learning Practices*** are scheduled on December 7<sup>th</sup> & 8<sup>th</sup>, 2016.

Pre-conference workshops	Conceive Design Implement and Operate (CDIO) Framework (3 Sessions)	Prof. Dennis Sale, Senior Educational Advisor, Singapore Polytechnic, Singapore
Dec 7-8, 2016	Project Based Learning (1 Session)	Dr. Yogesh Velenkar, KLE Technological University, Hubballi
	Curriculum Development for OBE (2 Sessions)	Prof. N.J.Rao, (retd IISc Professor), Visiting Faculty, IIT Bangalore
	Effective Learning Environment, Assessment and Evaluation (2 Sessions)	Dr. Rajeev Sukumaran, TLC, IIT Madras, Chennai

The following luminaries will be the keynote speakers for the conference.

Prof. Anil D. Sahasrabudhe, Chairman, AICTE  
Prof. Deepak Pathak, Subrao M Nilekani Chair Professor, IITB  
Prof. D.K. Subramanian, Former Professor, IISc, President, FAER  
Dr. Amit Goyal, Country Head, edX.  
Dr. Rajneesh Arora, Former Vice Chanacellor, PTU  
Prof. Oge Marques, Professor, Florida Atlantic University

## Registration Fee

Category	Non-IEEE Members	IEEE Members
Pre-Conference Workshops/Tutorials alone	5000 INR	5000 INR
Pre-Conference Workshops/Tutorials alone for Registered Authors and Delegates in MITE2016 Conference	3000 INR	3000 INR
Registration Fee for both Conference and Workshops/Tutorials	8000 INR	7000 INR

We kindly invite you and your faculty to participate in MITE 2016 conference and workshops. Please visit [www.mite2016.com](http://www.mite2016.com) and register for the events. The temple city Madurai, is well connected through Air, rail and bus; Good hotels, authentic Tamil Nadu food and ancient temples are the characteristic features of Madurai. We look forward to meeting you at the conference/workshop.

With Kind Regards.

**Prof R Mahadevan & Prof Deepak Garg**  
IEEE EDUCATION SOCIETY, INDIA COUNCIL.

**Prof. V.Abhaikumar**  
PRINCIPAL, TCE



### **Professor Dennis Sale**

Professor Dennis Sale is a Senior Education Advisor at Singapore Polytechnic, and have occupied this role for over a decade. Previously he worked across all sectors of the British educational system. Over the past 25 years his work has focused extensively on curriculum development and in training, coaching and assessing teaching professionals in a variety of vocational and cultural contexts.

His specialist research areas include Creative Teaching, Curriculum Development and Blended Learning, in which he has invented a range of effective practical models, captured in his recent book **'Creative Teaching: An Evidence-Based Approach' (Springer, 2015)** . The book is a first to demystify what creative teaching involves from an evidence-based perspective and provide a practical framework from which any motivated teaching professional can develop a high level of creative teaching competence.

He has accumulated an extensive portfolio of consultancies for both public and private sector organizations, conducted numerous workshops in many countries and presented around 100 papers at international conferences. His other major work on curriculum development is captured in the book, **'The Challenge of Reframing Engineering Education' (Springer, 2014)** .



### **Dr. Yogesh Velankar**

Dr. Yogesh Velankar earned his Ph.D. in Engineering Education from Purdue University, USA; a unique and first of its kind doctoral program in the world. He holds a M.S. in Electrical Engineering, and M.Ed. in Mathematics Education as an Instructional Specialist, both from the University of Texas at El Paso, USA. His B.E. is in Electronics and Telecommunication Engineering from Mumbai University, India. He is a certified high school Mathematics teacher, and a Six Sigma Green Belt holder.

Dr. Velankar currently provides independent consultancy services to academia and industry. He is also the Director of Indo US Collaboration of Engineering Education Centers of Excellence. Dr. Velankar also works as an Adjunct Professor in the Center for Engineering Education Research at KLE Technological University, India. Previously, Dr. Velankar has worked in the U.S. and India in multinational organizations such as Infosys Limited, Caterpillar and Schlumberger. His industrial experiences include strategic talent management, competency and knowledge management, workplace learning, training, and professional development. Dr. Velankar also has academic research and teaching experience across various educational levels in Science, Technology, Engineering and Mathematics.



### **Professor N J Rao**

Prof. N. J. Rao is a Visiting Professor at International Institute of Information Technology (IIIT), Bangalore, and a consultant in the areas of Higher Education after retiring from Indian Institute of Science. He was the Chairman of Centre for Electronics Design and Technology (presently DESE) and Department of Management Studies at Indian Institute of Science. He designs and conducts various short-term programs which includes

- Curriculum Design
- Outcome based education
- Accreditation by NBA
- Good Learning
- Learning Design

He is presently member of the Expert Committee of NBA and the resource person for FLAIR programs of Kerala. His present research interests include pedagogy of higher education, issues related to quality of learning and education technology.



### **Dr. Rajeev Sukumaran**

Dr. Rajeev Sukumaran is a Senior Advisor, Teaching Learning Centre, IIT Madras. His specialization includes Engineering Epistemology. He conducts various Faculty Development Programmes and trainings on

- Assessment for Learning
- Learning 'Learning'
- Cognitive Load Theory and its impact in Teaching Learning Methods
- Measuring Quality of Teaching in Higher Education

He focuses on current and emerging teaching-learning methodologies and technologies to motivate the faculty towards professional excellence and satisfaction, to familiarize the diverse group of learners, to write learning outcomes for course, to conduct classes based on active and cooperative learning strategies, and to make an assessment plan.