

2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE 2018)

**Hyderabad, India
29-30 November 2018**



**IEEE Catalog Number: CFP1874W-POD
ISBN: 978-1-5386-5969-4**

**Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP1874W-POD
ISBN (Print-On-Demand):	978-1-5386-5969-4
ISBN (Online):	978-1-5386-5968-7

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Technical Programme

Session	Massive Open Online Courses & Education Technology
Date/Time	November 29, 2018 (Wednesday) 02:30 - 03:30 hrs
Venue	CSE Seminar Hall, SR Block- Third Floor

Paper ID

- 08 **Prototype of Mobile Learning Application (MoLearn) by Utilizing the Gamification Concept** 1
Tri Sagirani, M.J. Dewiyan Sunarto, Bambang Hariadi, Tan Amelia and Julianto Lemantara
- 18 **Applying Data Mining Techniques for Generating MOOCs Recommendations on the Basis of Learners Online Activity** 6
Harshit Jain and Anika
- 20 **Conceptualizing MOOCs Implementation for Higher Education in Developing Countries** 14
Khuliso Sigama and Billy Mathias Kalema
- 32 **Analysis of Punctuation Prediction Models for Automated Transcript Generation in MOOC Videos** 19
Bhriugu Garg and Anika
- 48 **Project Based Learning through MOOCS** 27
B. Chandr Sekhar Rao, V. Rama Krishna, Prabhakar Kandukuri and B. Venkatesh
- 56 **MOOCs: Education for All - On Going Development in India** 31
Anurag Jagetiya, Rama Krishna Challa and Mukesh Verma
- 58 **3D based Modern Education System using Augmented Reality** 37
K.Chalapathi Raju, K.Yugandhar, D.V.N.Bharathi and Nagavalli.Vegesna

Session	Bringing Innovation as part of Education / Engineering Education in India
Date/Time	November 29, 2018 (Wednesday) 02:30 - 03:30 hrs
Venue	MECH Seminar Hall, AK Block- Third Floor

- 11 **Trenchant Pathway to bring Innovation through Foundations to Product Design in Engineering Education** 43
Govil Alok, Soumya Pothupogu, M Sampath Reddy and Pillalamarri SaiPriya
- 15 **Interface Implementation for Quantifying Information Spread on Social Networks** 48
Prajakta Kumbhojkar, Masumi Jain, E. Rajalakshmi, Shyamsalonee Rawal and Sneha Thombre
- 16 **Applying Predictive Analytics in Elective Course Recommender System while preserving Student Course Preferences** 52
Ridima Verma and Anika
- 21 **E-Knowledge Analyzing with Java Ontology** 60
Aditya Khamparia, Babita Pandey, Parampreet Kaur and Shrasti Tiwari

- 25 **The Underlying Factors of Learner Readiness and Satisfaction in Blended Learning Environment** 69
Umi Kalsom Masrom, Nik Aloesnita Nik Mohd Alwi and Nor Hazlin Nor Asshidin
- 45 **Information Communication Technology in Hospitality Education: Students' usage behaviour and their attitude** 74
Raghavendra G, Partho Pratim Seal, Senthilkumaran Piramanayagam, Yashna Behera and Rahul Pillai

Session	Bringing Innovation as part of Education / Engineering Education in India
Date/Time	November 30, 2018 (Wednesday) 02:30 - 03:30 hrs
Venue	CSE Seminar Hall, SR Block- Third Floor

- 10 **An integrated Multidisciplinary skill development strategy for effective execution from virtuality to reality in Engineering Education** 79
K Santhosh Kumar, Govil Alok and M Sampath Reddy
- 29 **Inclusion of Social Networking Sites into Higher Education: An empirical study from Chhattisgarh** 84
Monica Shukla
- 30 **Analysis and Visualization of Students' Learning based on Multi-Topic Chat Text** 90
Haoyi Zhang, Feng Pan, Zhenyu Wu and Yang Ji
- 52 **Predicting Learning Behaviour of Online Course Learners' using Hybrid Deep Learning Model** 98
Kavitha S, Mohanavalli S and Bharathi B
- 59 **Adopting Agile Values in Engineering Education** 103
G. V. Madhuri and L. N. S. Prakash Goteti
- 60 **Impact of Active Learning in Engineering Education** 107
P. Ram Mohan Rao, KL Chugh, K. Sai Prasad and K. Shekar

Session	Outcome Based Education, Quality and Assessment, Accreditation / Policy direction in Education
Date/Time	November 30, 2018 (Wednesday) 02:30 - 03:30 hrs
Venue	MECH Seminar Hall, AK Block- Third Floor

- 09 **Analysis of National Institutional Ranking Framework-Journey so far** 115
K.L.Chugh, Alekhya.N, N. Prabhu Kishore and K.Shekar
- 35 **Defining Course Outcomes based on Program Outcomes and Bloom's Taxonomy for the course on Image Processing** 120
C. Gururaj
- 51 **Professional Body memberships of Engineering and Polytechnic Teaching Faculties and its effect on Teaching Learning Process** 124
Mhamane Sanjeev C, Upadhe Sudeep N and Mohite Sachin kumar