

January 11th, 2017

Paper ID	Session 1 (T&L 1); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Dr.Raghu Echampati, Kettering University, USA
32	Effective Teaching methodologies for teaching Digital controller subject – Rama Rao Pokanati, Durgaprasad Garapati, Venkata Ramana N, Shri Vishnu Engineering College for Women, Bhimavaram
35	Assessment of ‘Modern Tool Usage’ Attribute – Computer Forensics, a Case Study – Prashant Narayankar, Shrinivas Desai, BVB College of Engineering and Technology, Hubli
47	Reflective Teaching for Undergraduate Courses: An Experience – Saroja Siddamal, Suneeta Budihal, Ujwala Patil, BVB College of Engineering and Technology, Hubli
60	Acquiring User Interface Design Skills through Experiential Learning - Deepa Mulimani, Shivananda Seeri, prakash patil, Sujata Kulkarni, KLE Technological University, BVBCET Campus, Hubballi
72	Scrumify: A software game to introduce agile software development methods - Srividya Bansal, Arizona State University

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Paper ID	Session 2 (T&L 2); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Ashok Saxena, University of Arkansas, USA
5	Experiments with teaching methodologies – Navneet PratapSingh, L D Engineering College
17	Importance of Interdisciplinary Courses in Engineering Education – Sai Vignesh K S, Madhav Murthy, Nishanth D, Nikhil K S, BMS College of Engineering, Bangalore
25	A Pilot Study: Introduction of Audit Course to Support Learning Engineering Mathematics – Nandini Rai, K.J.Somaiya College of Engineering
50	A Case Study on 21st Century Teaching-Learning Methodologies - Nethravathi S, Soniya Agrawal, BMS College of Engineering
67	Educational framework for automotive ECU design: A Case study - Prabha Nissimagoudar, Venkatesh Mane, BVB College of Engineering and Technology, Hubli
69	Faculty Development Handbook: An effective performance enhancement tool for instructors – Somendra Shukla, ABES Engineering College, Ghaziabad

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Paper ID	Session 3 (T&L 3); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Dr.Vinod Lohani, Virginia Tech, USA
14	Impact of IUCEE IGIP Engineering Educator's Certification Program on Teaching Performance of Participants – Mukund Kavade, Sachin Khot, Martand Telsang, Rajarambapu Institute of Technology, Islampur
38	Belntegrating Various Instructional Strategies with Project Based Learning for Enhancing Knowledge and Employability in Automobile Engineering – Roohshad Mistry, Dipali Awasekar, S.A. Halkude, Walchand Institute of Technology, Solapur
43	Project Based Learning: An Effective Technique of Learning Programmable Logic Controller – Shrutika Sawant, Subodh Ingaleshwar, Rajaramabapu Institute of Technology, Isalmpur
48	An Institutional Level Case Study of Teaching and Learning Approaches and Underlying Motivations in Indian Context - Ravindranath Chowdary, Surendra Reddy, Hyderabad Institute of Technology and Management
59	Practices of Teaching & Learning in ABESIT: A Case Presentation of Even Semester 2015-16 & Odd Semester 2016-17 - Pawan Mehra, Gaurav Agarwal, ABES Institute of Technology

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Paper ID	Session 4 (OLE); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Dr. Claire Komives, San Jose State University, USA
12	Students Engagement through Gamification in Education Gamifying Formative Assessment – Richa Mishra, Nirma University, Ahmedabad
18	Hybrid Learning: A Paradigm Shift – Madhav Murthy, Sharaj A P, Rohan Pattankar, Rajeev Lochan P, BMS College of Engineering, Bangalore.
20	Non-traditional learning – Mithun Krishna B K, Sudhanshu P Torvi, Madhav Murthy, BMS College of Engineering, Bangalore.
45	Visualization based intelligent tutor system to improve study of Computer Algorithms – Rashmi Dixit, Pratibha Yalagi, Walchand Institute of Technology, Solapur
46	Enhancing the learning ability using JFLAP for Theory of Computation Course - Pratibha Yalagi, Rashmi Dixit, Walchand Institute of Technology, Solapur

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Paper ID	Session 5 (Gen 1); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Dr.Ronald Harichandran, University of New Haven, USA
15	A Case Study: Efforts for Improvement in Attainment of Course Outcomes in Control System Engineering – Megha Sharma, Arati Phadke, K J Somaiya College of Engineering, Mumbai
39	Attainment of Course Outcomes: - An Empirical Case Study for Outcome based Education – Neeta Deshpande, Rahul Pawar, D.Y.Patil College of Engineering, Akurdi
42	Importance of E-governance in transforming Technical education in India – Dhanashri Kulkarni, DKTE'S Textile and Engineering Institute, Ichalkaranji
52	On Selection of Assessment Methods in Outcome Based Education (OBE) - Tanveer Bagban, DKTE'S Textile and Engineering Institute, Ichalkaranji
66	Strategic Leadership - A Case Study in Engineering Education Scenario - Arpita Johri, ABES Engineering College, Ghaziabad

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Paper ID	Session 6 (Gen 2); Room ; 5:00 PM – 6:30 PM (15 minutes per presentation) Session Chair: Dr. Lueny Morell, InnoVAHiEd, USA
7	Research Cluster in Engineering Education and Human Resource Development – Thanikachalam Vedhathiri, National Institute of Technical Teachers Training and Research
9	Portfolio Collaboration: To Enhance Student's Placement through Faculty's Coordination – Rajesh Dontham, Sushant Yelpale, Pralhad Gavali, Varsha lokare, Manoj Patil, Savita Patil, Rajarambapu Institute of Technology, Islampur
21	Designing an Engineering Laboratory Course for Problem Based Learning – Edson Gesualdo, Maximilian Luppe, Vilma Oliveira, Universidade de São Paulo, Brazil
24	WhatsApp Application : An Effective Tool for Out-of-Class Activity - Manisha Nirgude, Anil Naik, Walchand Institute of Technology, Solapur
26	Effects of Bioreactor Design Study in Class Room with and without JIGSAW Method - Rameshaiah Narayanappa, BMS College of Engineering, Bangalore.
30	Innovating Development of the NBA Graduate Attributes - Pradeep Waychal, Guruji Education Foundation

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Paper ID	Session 7 (Short P1); Room ; 5:00 PM – 6:30 PM (7 minutes per presentation) Session Chair: Dr. Madhumi Mitra, University of Maryland Eastern Shore, USA
3	Entrepreneurship and Innovation in Engineering Education – Thanikachalam Vedhathiri, National Institute of Technical teachers Training and Research
4	Entrepreneurship Development in Soil Testing and Consultancy Works in Foundation Engineering – Thanikachalam Vedhathiri, National Institute of Technical teachers Training and Research
29	An Analysis with depth insight for Transforming Education in World – Sukanya Saraswat, Navjyot Kaur, Rohit Rastogi, ABES Engineering College, Ghaziabad
36	Spirituality: The Science of Self Realization, its application to transform present Engineering & Technical Education in India (In the light of Indian Philosophy 'Kāśmīra Śaivism') – Surabhi Verma, National Institute of Technology, Rourkela
62	Building happier society using Innovation and Entrepreneurship through Engineering Education - Hetal Mundra, K.J.Somaiya College of Engineering, Mumbai
76	Teaching & Research: Development in Engineering Education of Indian Universities - Anand Pandey, Manipal University, Jaipur
22	Curriculum Design for Effective Attainment of Graduate Attributes through Laboratory Courses - Sangeeta Kulkarni, Arati Phadke, K J Somaiya College of Engineering, Mumbai

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Paper ID	Session 8 (Short P2); Room ; 5:00 PM – 6:30 PM (7 minutes per presentation) Dr. Abhijit Nagchaudhuri, University of Maryland Eastern Shore, USA)
10	Using ARCS Theory to Measure the Motivational Enhancement of Collaborative Activities in Bio-Medical Instrumentation - Mamatha Nagaraj, BMS College of Engineering, Bangalore.
13	A Standardised State Space Approach to System Modelling, Analysis, and Design – Vilma Oliveira, Universidade de São Paulo; Rafael Magossi, Universidade de Sao Paulo; Shankar Bhattacharyya, Texas A & M University
31	Reaffirming Core Technical Knowledge of Fresh Mechanical Engineers: Need of the Hour – Avinash Shaligram,; Vinayak Khatawate, Divya Padmanabhan, Pillai College of Engineering, New Panvel
37	Enhancement of learning through course project approach. - Tanuja Patil, BVB College of Engineering and Technology, Hubli
49	Improving performance of students in advanced C concept by combined approach of flipped classroom and Think Pair Share - Reshma Attar, Walchand Institute of Technology, Solapur
63	C++ Teaching Using Real Life Example around a Class as a Core - Shashikala Budni, Deepa Mulimani, Shivananda Seeri, Prakash Patil, KLE Technological University, Hubballi;
68	Constructivist Approach in Automobile Electronics Laboratory Design – Harmeet Dhindsa, Chandigarh University
70	Teaching & Research: Development in Engineering Education of Indian Universities - Anand Pandey, Manipal University Jaipur