ICTIEE 2018

Indo Universal Collaboration for Engineering Education

IUCEE

FIFTH INTERNATIONAL CONFERENCE ON TRANSFORMATIONS IN ENGINEERING EDUCATION

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

8-9 JANUARY 2018

Pre Conference Workshop on

Outcome Based Education (OBE): National & International Accreditation

7 January, 2018 (Sunday)

Venue: CSE Department Seminar Hall (Lead: D.Anitha)

Time	**Event**
10:30 - 11:00	Registration
11.00 – 11.15	Inauguration
11:15 – 01:00	**OBE Overview** - S.Baskar, Professor and Head, Department of EEE, TCE
01:00 –02:00	Lunch
02:00 – 04:00	**OBE National Accreditation**- N.J. Rao, Visiting Professor, IIIT, Bangalore, Member of Expert Committee, NBA
04.00- 04.30	Tea Break
04.30- 07:00	**OBE International Accreditation** -Michael Milligan, CEO and ED, ABET

8 January, 2018 (Monday)	
Time	**Event**
08:00 - 11:00	Registration (Venue: KM Auditorium) Lead: A.M.Abirami
09.30 -12.45 11.00 -11.15 (Tea break)	Parallel Workshops (Senthil Kumaran and Varadarajan) 1. **National Instruments: (Venue: NI Electronics Lab, ECE Department Ground Floor)** • Teaching Communications with Software Defined Radio: • Teaching Circuits and Electronics with a Comprehensive Approach to Engineering Education with NI ELVIS 2. **Dassault System (Venue: Communication Lab, ECE Department, Ground Floor)** • The digital dimension of the fourth Industrial Revolution 3. **Quanser (Venue: Microprocessor Lab, EEE Department, Ground Floor)** • Comprehensive Lab Solutions for Innovative Teaching 4. **Mathworks: (Venue: Computer Lab, EEE Department, First Floor)** • Deep Learning for Computer Vision Using MATLAB 5. **COMSOL: (Venue: Signal Processing Lab, ECE Department Ground Floor)** • COMSOL Multiphysics of Academic Research and Teaching 6. **IonCudos: (Venue: Seminar Hall, EEE Department, First Floor)** • OBE Implementation with IonCudos 7. **Cypress Semiconductors: (Venue: Networks Lab, ECE Department First Floor)** • IoT using Cypress Semiconductor's PSoC 8. **Global Engineering Education: (Venue: Seminar Hall, ECE Dept. Ground Floor)** • Integrating a Motivating Multi-Disciplinary Global Experience for Engineering Curriculum: The Global Engineering Challenges
12.45 -01.00	Inauguration of Exhibits and EPICS Poster Session (Venue: Open Air Auditorium, Lead: P.Maran)
01:00 – 02.00	Lunch Break (Lead: Arockia Edwin Xavier)
02:00 – 02.45	**Opening Ceremony (KS Auditorium) Lead: G.Chitra and R.Shanthi Priya** 2.00 -2.05 Welcome Address: V.Abhaikumar, Principal, TCE 2.05 -2.15 Presidential Address: Mr. Karumuttu T. Kannan, Chairman, TCE 2.15 -2.20 IUCEE and ICTIEE overview: Krishna Vedula, Conference Chair, 2.20-2.25 ICTIEE 2018 @ Madurai: K.Arunachalam, Conference Chair, 2.25-2.45 Inaugural Address: Prof. Hans Hoyer, GEDC, IFEES: Transformations and Visionary leadership
02.50 -03.50	2.50 – 3.10 Prof. D.K. Subramanian: Artificial Intelligence Transforms Education and Teaching 3.10 – 3.30 Address by Prof.R.Hariharan Adviser II - Approval Bureau AICTE New Delhi 3.30 -3.50 p.m Prof. N.J. Rao: Desired Reforms to Improve Engineering Education in India
03.50-04.00	**Break**
04:00-06:30 (with Tea Break)	**Parallel Author Paper Presentations Lead: G.Chitra and R.Shanthi Priya** **Track 1: Theme: Institution Building (Venue: A2 Hall, Main Building)** *Moderators: M.Palaninatharaja, Michael Auer,* *Observers: Sushma Kulkarni, Hans Hoyer, V.Mohan* **Track 2: Theme: Outcomes Based Education (Venue: A3 Hall, Main Building)** *Moderators: P.G.S.Velmurugan, Subramaniam Rajan, N J Rao* *Observers: Ashok Saxena, Vijay Kanabar, S.Baskar* **Track 3: Theme: Project Based Learning (Venue: A4 Hall, Main Building)** *Moderators: C.Muruganantham, Archana Mantri* *Observers: Mohan Rao, David Albers, Sheryl Ehrman, K.Arunachalam*

	Track 4: Theme: Dynamic Classroom/Student Engagement (Venue: A5 Hall, Main Building) *Moderators: D. Srividya, Veena Kumar* *Observers: Ashok Agarwal, Devdas Shetty, Sivakumar Krishnan, N.Kamaraj* **Track 5: Theme: Engineering Education Research (Venue: A7 Hall, Main Building)** *Moderators: R.Rajan Prakash, Prathiba Nagabushan* *Observers: Sohum Sohoni, Gopalakrishna Joshi, N.Jawahar* **Track 6: Theme: Employability/Entrepreneurship (Venue: A8 Hall, Main Building)** *Moderators: K.Chockalingam, Madhu Atre, Guru Subramanyam,* *Observers: Roger Warburton, Anil Pandit, Jayant Sadhe , S.Raju* **Track 7: Theme: Harnessing Technology (Venue: A9 Hall, Main Building)** *Moderators: S.Padmavathy, Anil Kulkarni* *Observers:, B.Kalyan Ram, R.Hariharan, R.Vasudevan*
04:00-06:30	**Entrepreneurship Workshop and Contest** (Venue: Seminar Hall, Civil Department)
06:30 – 07:30	Cultural Program by TCE Students (Venue: KS Auditorium)
07:45 Onwards	Dinner (Banquet+ Campus)

9 January 2018 (Tuesday)	
Time	**Event**
09:00 – 10:30	**Plenary Session (Venue: KS Auditorium)** 09.00-09.20 William Oakes, EPICS, Purdue U:Preparing Tomorrow's Leaders While Improving Communities Today 09.20–09.40 Michael Auer : "About the Need of a Paradigm Change in Engineering Education" 09.40–10.00 Michael Milligan, CEO, ABET: "Accreditation's Role in Preparing Tomorrow's Technical Workforce" 10.00 – 10.20 V. Kovai Chelvan, Vice President, HR, TVS Motors: "Engineering Talent for Value Creation in the upstream"
10.30 -10.45	**Tea Break**
10:45-12.45	**Panel Discussions with Breakout Sessions (Four Tracks)** **Institution Building (Venue: Hall A4, Second Floor, Main Building)** Lead: V.Abhaikumar, Reporter: A .M.Abirami 10:45- 11.00 Hans Hoyer, GEDC, IFEES: Transformations and Visionary leadership 11.00- 11.15 V. Abhaikumar (TCE): Case Study at TCE 11.15 – 11.30 Michael Auer (IFEES): Need of a Paradigm Change in Engineering Education 11.30 – 11.45 Sushma Kulkarni(RIT): Building research culture 11.45 – 12.45 Group Activity/Q&A/Brainstorming **Curriculum Innovation (Venue: Hall A2, Second Floor, Main Building)** Lead: Ashok Saxena, Reporter: S J Thiruvengadam 10:45-11.00 Ashok Saxena(U of Arkansas): Engineering the Engineering Curriculum 11:00-11.15 Vijay Kanabar (Boston U): Introducing Team Leadership and Communications Competency in Engineering Curricula 11:15-11:30 Lueny Morrell(InnovaHiEd): Transforming the Engineering Curriculum for the 4th Industrial Revolution 11:30 – 12:45 Group Activity/Q&A/Brainstorming **Dynamic Delivery/Student Engagement (Venue: Hall A7, Second Floor, Main Building)** Lead : Veena Kumar, Reporter: C.Jeyamala 10:45- 11.00 Ashok Agarwal (ASEE):Engaging Student on What Needs to be Changed in Engineering Education 11:00- 11.15 Devdas Shetty (U DC): Deep Learning by Student Presentation Based Strategies in Engineering and Computer Science 11:15 – 11:30 Veena Kumar(U of Maryland BC): Controlling Plagiarism & Developing Academic Integrity 11:30 – 11:45 Sivakumar Krishnan (VEDIC): Meditation is an effective and essential practical tool for educators today. 11.45 – 12.45 Group Activity/Q&A/Brainstorming **Harnessing Technology (Venue: Hall A9, Second Floor, Main Building)** Lead: Anil Kulkarni, Reporter: R.Shanthi Priya 10:45- 11.15 Anil Kulkarni(Penn State University): Using Modern Technology in Class 11.15 -11.45 B. Kalyan Ram(Electronosolutions):Remote Labs – Access Engineering Laboratories Anytime, Anywhere! Group Activity/Q&A/Brainstorming
10:45 - 12:45	Entrepreneurship Contest (Venue: Seminar Hall, ECE Department)
12:45 – 01.45	Lunch/Exhibits and EPICS Posters
01.45 – 3.00	**Plenary Session (Venue: KS Auditorium)** 01.45 Dassault Systems

	02. 00 Quanser 02.15 "Preparing the Next Generation of Engineers for the Challenges of Industry and Research" by Bhavesh Mistry, Senior Group Manager, National Instruments 02.30 Mathworks 02.45 Comsol
3.00 – 3.15	Tea Break
3:15 – 5:00	**Panel Discussions with Breakout Sessions (Four Tracks)** **Outcomes Assessment (Venue: Hall A2, Second Floor, Main Building)** Lead: S.Rajan, Reporter: C.Sridharan 03.15- 03.30 S. Rajan (Arizona State University): Assessment in Engineering Education: Evolution or Intelligent Design? 03.30 -03.45 Sally Pardue (Tennessee Tech U): Five Formative Assessments in Engineering Education 03.45 – 04.00 Claire Komives (San Jose State University): Creating a culture of ethics 04.00 – 05.00 Group Activity/Q&A/Brainstorming **Project Based Thinking (Venue: Hall A4, Second Floor, Main Building)** Lead: Archana Mantri, Reporter: S Saravana Perumaal 03.15- 03.30 Archana Mantri(Chitkara University): Ingredients of success for a great Collaborative Learning Module 03.30 - 03.45 Mohan Rao (Tennessee Tech): How to instil lifelong learning skills to students in engineering 03.45 -04.00 David Albers(U of Arkansas):Changing Senior Design Course Structure to Maintain Relevance and Increase Flexibility 04.00 – 04.15 Sheryl Ehrman (ISJSU): Hands on interdisciplinary design courses transforming first year engineering education 04.15 -05.00 Group Activity/Q&A/Brainstorming **Engineering Education Research (Venue: Hall A7, Second Floor, Main Building)** Lead: Sohum Sohoni, Reporter: D.Anitha 03.15- 03.30 D.K.Subramanian (IISc, Bangalore) : 03.30 – 03.45 Prathiba Nagabhushan (Australian Catholic University): Professional Development through Action Research 03.45 -04.00 Sohum Sohoni(Arizona State University): Discipline-based educational research ambassadors, a crucial link between education research and engineering instructors 04.00 -04.15 Gopal Joshi (KLE Tech University): Engineering Education Research Experience: From REU to PhD 04.15 – 05.00 Group Activity/Q&A/Brainstorming **Employability and Entrepreneurship (Venue: Hall A9, Second Floor, Main Building)** Lead: Kovai Chelvan, Reporter: G.Chitra 03.15- 03.30 Madhu Atre (IISc): Teaching Entrepreneurship - Critical in Engineering Education 03.30- 03.45 Guru Subramanyam (U of Dayton):Preparing Industry-Ready Graduates 03.45- 04.00 Roger Warburton (Boston U): Turning a Good Idea into a Product 04.00- 04.15 Anil Pandit(Retd, General Electric): Can Industry Experts Teach? 04.15 – 04.30 Jayant Sathe (ITF): Role of Industry Experts 04.30 – 05.00 Group Activity/Q&A/Brainstorming
3:15- 5:00	IUCEE-EPICS Partners Meeting (Venue: ECE Department Seminar Hall)
3:15- 5:00	Remote Labs Demo, Workshop (Kalyan Ram, Electronolutions) (Venue: Agilent Communications Lab, ECE Department)
5:00 – 6:00	Awards and Valedictory (Venue: KS Auditorium) Session Lead: Krishna Vedula

Paper Presentations
January 8: 4:00 to 6:15 pm

Track 1

Theme: Institution Building

Moderators: M.Palaninatharaja, Michael Auer,
Observers: Sushma Kulkarni, Hans Hoyer, V.Mohan

Time	Paper	Presenter	Institution	Title
4:00	157	S.S. Krishnan	VEDIC	Observations from Faculty Development Workshops in the Current Indian Context
4:08	22	LAKSHMI K.	KGRCET	Challenges in education and need for transformation by sharing possible solutions
4:16	103	Sandeep K.	KLETU	IIEECP intervention in Teaching-Learning process: An experience
4:24	72	Thanikachalam Vedhathiri	NITTTR	Institutional Transformation and Development in Engineering Education to meet the Volatility,Uncertainty, Complexity, and Ambiguity (VUCA)
4:32	11	Thanikachalam Vedhathiri	NITTTR	Educational Management Ecosystem for Facilitating the Development of Professional Competence in CEOs in High Education Institutes
4:40	25	Thanikachalam Vedhathiri	NITTTR	Academic Excellence through Improved Ecosystem and Faculty Engagement
4:48	46	Thanikachalam Vedhathiri	NITTTR	Performance Management and Turnaround Mechanism of Poorly Performing Institutes
4:54	41	Alok Verma	ODU	Institutionalizing Continuous Improvement Plan for Program Assessment
				BREAK
5:00	56	Thanikachalam Vedhathiri	NITTTR	Strategies for Eliminating Corruption in Engineering Education and Fostering Excellence in Human Capital Development
5:08	80	Umamaheswar Singh	HITAM	Enhancing the learning process in Engineering Graduates by Focussing on the Assessment of and for Learning through Edmodo
5:16	109	M V BABU TANNERU	MLRIT	Implementation of Faculty Research for Classroom Teaching and Students Academic Performance
5:24	4	UMAKANT KULKARNI	SDMCE	Policy-Level Reforms for Outcome Based Engineering Education in India
5:32	69	KRISHNA CHAITHANYA	VCE	Inculcating Ethics in Teaching for Technical Education
5:40	133	AbhilashSuryan	CET	Undergraduate Engineering Curriculum of APJ Abdul Kalam Technological University, Kerala: Some Novel Features
5:48	146	Pratap Singh	IOKCOE	Learning by using Exit Ticket Pedagogy
5:56	81	GautamiShingan	RIT	A Holistic Approach for Teaching Design and Analysis of Algorithms Course in the department of Computer Engineering
6:04	Ex	Jayashree S. Awati	RIT	Enhancing Educational Research by research methodology course: a case study

Track 2

Theme: Outcomes Based Education

Moderators: P.G.S.Velmurugan, Subramaniam Rajan, N J Rao

Observers: Ashok Saxena, Vijay Kanabar, S.Baskar

Time	Paper	Presenter	Institution	Title
4:00	71	Claire Komives	SJSU	Flipped Classroom Increases Achievement of Student Learning Outcomes
4:08	42	RonakDak	BMSE	Developing a software package for Outcome Based Education
4:16	77	Sheik Abdullah	TCE	A Statistical Approach in setting SLO targets over Outcome Based Education-A Case Study
4:24	84	Nethravathi S	BMSCE	IMPACT OF ASSESSMENT TECHNIQUE ON LEARNING OUTCOMES: A CASE STUDY
4:32	95	MURALINATH P.	RKU	MEASURABLE ASSESSMENT MODE TOWARDS OBE: MODEL MAKING
4:40	151	PADMAVATHI S	TCE	Tailor-made Educational Model realizing Intended Learning Outcome to enhance competencies among Engineering graduates
4:48	37	Arati Phadke	KJSCE	Use of Network Model for Analysis of Curriculum and its mapping to Program Outcomes
4:54	49N	Deepali Loni	DKTE	Deciding Initial Target Level for Systematic Evaluation of Continuous Improvement in Program Outcomes.
				BREAK
5:00	32	Sneha joshi	PVPIT	Best Practices in Outcome Based Engineering Education: Today's Need in India
5:08	147	V Ramachandran	VVIT	Barriers in Implementation of OBE in Private Institutions in India
5:16	152	SREENIVASA A	MLRIT	Improvement of Outcomes in Engineering Colleges in Andhra Pradesh and Telangana states.
5:24	101	Sunita Dol	WIT	Improving Critical Thinking Skill of Students using aRPiGDs: An Effective and Alternative Method to the Role Play
5:32	92	Sharanappa Achappa	KLETU	Application of Statistics in Bioprocess Engineering Laboratory to Reinforce Students' Ability in Data Collection, Analysis and Interpretation.
5:40	124	Suneeta Budihal	KLETU	Redesign of Digital Circuits course for enhanced learning:An experience
5:48	82N	Nitya Kulkarni	KLETU	Activity (Video to Concept) based Teaching Learning: A Case study in Discrete Mathematical Structures
5:56	43	Yasaswini Chowdary kandipati	HITAM	Enhancing constructive self-learning of language in engineering students through MALL (Mobile Assisted Language Learning).
6:04	36	Anil Koona	HITAM	Group Discussion-Debate Approach to Teach DDTV (Digital Design through Verilog)

Track 3

Theme: Project Based Learning

Moderators: C.Muruganantham, Archana Mantri

Observers: Mohan Rao, David Albers, Sheryl Ehrman, K.Arunachalam

Time	Paper	Presenter	Institution	Title
4:00	63	ANITHA D	TCE	Assessing and Enhancing Creativity in a laboratory course with Project Based Learning
4:08	12	Sesha Srinivasan	Florida PT	Project Based Curriculum for Millennial Learners @ Florida Polytechnic University
4:16	21	Srinivasa Pai P	NMAMIT	Project based Learning (PBL): Issues faced by Faculty for its effective implementation
4:24	117	Kaushik Mallibhat	KLETU	FORMULATING AN ENGINEERING DESIGN PROBLEM: A STRUCTURED APPROACH
4:32	93	RAJANIKANT METRI	RIT	Microprocessors and microcontroller laboratory practices through well-structured project-based learning (PBL)
4:40	105	Ravi Naragani	HITAM	Implementing Project-based learning in Electrical Engineering- A Case Study
4:48	154	Vijay Kanabar	BU	Design and Delivery of Project Management Competencies in Engineering Curricula
4:54	144	Shridhar D	KLETU	Project Based Learning of Programming Subject: Case study on Data Structures
				BREAK
5:00	136	Mujahid Irfan	SREC	Paradigm shift in the Engineering Curriculum: Design Thinking
5:08	127	udayasrikakarla	KGRCET	Engineering Projects in Community Service (EPICS): An Initiative Activities @ Engineering Colleges
5:16	140	Yogesh Patil	RIT	Project Based Learning Implementation for Laboratory Automotive System Design.
5:24	131	Rajdeep Deb	JRE	Digital Learning Hub: Pedagogy for Technology Integration of Web 2.0 and 3.0 Tools and Beyond
5:32	Ex	S.J. Bhat	SJEC	Learn & Earn with Google Classroom
5:40	29	laxmi Lydia	VIIT	An Integrated Way for Teaching Hadoop &BigData Analytics Course in the Department of CSE at VIIT
5:48	36	Anil Koona	HITAM	Group Discussion-Debate Approach to Teach DDTV (Digital Design through Verilog)
5:56	15	TamilselviArulappan	TCE	Integration of numbers and letters: Innovative Class Activity Design
6:04	119	SEEMA DESAI	RIT	Using Think-Pair-Share Technique to improve Case Study Teaching in Management.
6:12	29	laxmi Lydia	VIIT	An Integrated Way for Teaching Hadoop &BigData Analytics Course in the Department of CSE at VIIT

Track 4

Theme: Dynamic Classroom/ Student Engagement

Moderators: D. Srividya, Veena Kumar

Observers: Ashok Agarwal, Devdas Shetty, Sivakumar Krishnan, N.Kamaraj

Time	Paper	Presenter	Institution	Title
4:00	27	KL Chugh	MLRIT	Implementation of Active Learning Strategies at MLR Institute of Technology, Hyderabad - A Best Practice.
4:08	33	A.M. Abirami	TCE	Collaborative Learning Tools for Data Structures
4:16	51	Megha Sharma	KJSCE	A Case Study: Active Learning approaches to improve learning in Electrical Network
4:24	112	Satyanarayana M	MLRIT	Revamping of Laboratory Teaching Methodology to Enhance Writing and Technical Skills of Engineering Students
4:32	118	Salumari Madhu	MLRIT	Innovations in Teaching Methodologies to improve the results of core subjects at the First year level: A study under Autonomous scheme.
4:40	132	Saravana Perumaal S	TCE	Creating an Effective Learning Environment in Engineering Graphics Course for First Year Engineering Students
4:48	150	Ram Babu Mudusu	KGRCET	An Active and Collaborative Learning Practice through Mind Mapping Using Jigsaw Activity of Class Room Based Interaction in Engineering Education
4:54	153	ThiruchadaiPandeeswari S	TCE	Teamworking skills among engineering students taking part in Academic team projects and assignments – An experimental study
				BREAK
5:00	2	Juliusfusicsekaran	TCE	A case study of implementing Active learning techniques in electrical machine course.
5:08	14	Vinod Meti	KLETU	A Structured Approach to Teaching and Learning Robotics
5:16	20	Namratha M	BMSCE	Active Learning Approach for Python Programming
5:24	23	Varsha lokare	RIT	An Integrated approach for teaching Object Oriented Programming (C++) course
5:32	26	Shrinivas Desai	KLETU	Course Project in Mobile Computing – An experiential learning
5:40	30	SHANTALA G.	KLETU	Teaching Operating Systems - Programming assignments approach
5:48	35	prasannararavi	KLETU	Enhancing Self Learning and Communication skills through 'Review Paper' assignment
5:56	38	Umadevi F.M	KLETU	Tutorial on Computer Organization and Architecture- Advantages and Challenges
6:04	58	Rashmi Dixit	WIT	Employ Gamification to Make "I&CS" more interesting
6:12	Ex	Sandhya Tuti	Sphoorthy EC	Effective Teaching: Create Dynamic Learning Environment In Classroom

Track 5

Theme: Engineering Education Research

Moderators: R.Rajan Prakash, Prathiba Nagabushan

Observers: Sohum Sohoni, Gopalakrishna Joshi, N.Jawahar

Time	Paper	Presenter	Institution	Title
4:00	102	Baby Theresa G	HITAM	Implementation of different Pedagogies in Numerical Based Subjects
4:08	52N	Vijayalakshmi M	KLETU	A Comparative Study of Team Based Learning and Individual Learning
4:16	6	Thanikachalam Vedhathiri	NITTTR	Enhancing Interdisciplinary Research in Engineering Education (IDREE)
4:24	126	Meenakshi Sankaran	NIT	Practice vis-à-vis Benefits: An Assessment of the Teaching-Learning Methods Employed in Engineering Education
4:32	143	Rajan Prakash	TCE	A Paradigm shift from BCN to DCN strategy for effective knowledge transfer in foundation courses
4:40	113	Surendra Reddy	HITAM	Facilitating Distributed Systems Course for Under Graduate Students using Case Studies: Impact Analysis
4:48	137	Devika SV	HITAM	BELIEF AND ROLE OF A TEACHER: IN ENHANCING RESEARCH THINKING AMONG THE STUDENTS
4:54	121	Sanjay Kumbhar	RIT	Undergraduate Research Experience (URE): A New Dimension in Curricular Redesign
				BREAK
5:00	67N	Vijayalakshmi M	KLETU	Transition from conventional to Agile process model-An Experience
5:08	3	SATYAJIT PATIL	RIT	Curriculum Development of Automobile Engineering Undergraduate Program at an Autonomous Institute
5:16	85	soniya Agrawal	BMSCE	A comparative study on rubrics and its impact on program outcomes for the project work of under graduate program
5:24	100	BhavdipBharadia	RKU	Improvement of Student learning outcomes by implementation of Model Making Approach for Student Evaluation
5:32	123	Snehal Patil	RIT	Enhancing Engineering Student's Academic Performance Index through Outcome Based Education: A Case Study
5:40	18	ashwini mahesh jagatap	RIT	Reforms of "G" to "I" Scheme Curriculum of MSBTE-- a Study
5:48	61	Ramesh Lekurwale	KJSCE	Engineering Education Research: Current Trends
5:56	79	SeemaVora	AITS	Innovations in Teaching -Learning process
6:04	148	Jayashree S. Awati	RIT	Enhancing Education Research through Learning by Doing

Track 6

Theme: Employability/Entrepreneurship

Moderators: K.Chockalingam, Madhu Atre, Guru Subramanyam,
Observers: Roger Warburton, Anil Pandit, Jayant Sadhe , S.Raju

Time	Paper	Presenter	Institution	Title
4:00	24	UMAKANT KULKARNI	SDMCE	Case Study on Curiosity Point Based Teaching and Learning– A Step Towards Industry Readiness
4:08	49N	anushalini t	SREC	Effective Approach towards Development of Idea through Foundations to Product Design
4:16	7	Thanikachalam Vedhathiri	NITTTR	Critical Reviews of Selected Postgraduate Programs on Transport Engineering against the Needs of Infrastructure Development
4:24	28	vamsikrishna	MREC	An Interdisciplinary Open Elective Course Learning & Employment Benefits: A case study on Green Building Course
4:32	78	yasaswinichowdary k.	HITAM	Role of Bridge course in the Academic Success of the Engineering Graduates
4:40	106	SACHIN LANDAGE	DKTE	Academic Practices for Sustainable Growth – DKTES Textile Department
4:48	8	SuvarnaKanakareddi	KLETU	Collaboration with Industry in designing Information Storage and management course
4:54	99	DivyaNalla	NMREC	Guidelines for Improving Industry-Institute Research
				BREAK
5:00	111	Prabha Nissimagoudar	KLETU	Practicing Model based design and Industrial approach for a course on Automotive Electronics
5:08	114	P. Balakrishna	AARMEC	Inspired Teaching and Learning at the Educational Institution and in Industry – Experiments, Experiences and Inferences
5:16	129	Daniel Rao	HITAM	PROCESS SUPPORT TO A LEARNING SYSTEM TO ATTAIN DESIRED ATTRIBUTES OF AN ENGINEER AND STAKE HOLDERS SATISFACTION
5:24	40	Arun Thorat	RIT	Continuous Assessment Technique of Industry in Plant Training Through Activities for Outcome Based Education
5:32	122	Mahalakshmi B S	BMSCE	An Insight on Understanding Entrepreneurship Through an Activity Based Learning Approach
5:40	96	Uma medungudi	KLETU	A Journey: Workshops to Start-ups
5:48	90	AvinashShaligram	PCE	Bridging the Gap between Knowledge Imparted in UG Curriculum of Mechanical/Automobile Engineering and Industry Work Environment
5:56	145	Ashwini Dalvi	KJSCE	Introduction to start-up philosophy with an interdisciplinary course 'IT as Enabler for Start-Up'
6:04	91	DEEPTHI JANAGAMA	Sphoorthy EC	AN ANCIENT SCRIPTURE BASED PRACTICE OF FACULTY-STUDENT MENTORING SYSTEM FOR SELF-MANAGEMENT IN STUDENTS

Track 7

Theme: Harnessing Technology

Moderators: S.Padmavathy, Anil Kulkarni

Observers:, B.Kalyan Ram, R.Hariharan, R.Vasudevan

Time	Paper	Presenter	Institution	Title
4:00	128	SYED ABDUR RAUF MAGRABI	Sphoorthy EC	TECHNOLOGY ENABLED ACTIVE LEARNING IN ELECTRICAL ENGINEERING
4:08	141	Pratibha Yalagi	WIT	Business Intelligence Tools – Content Generation using Moodle for Self Learning as an Elective Module
4:16	76	Parkavi R	TCE	Impact of Massive Open Online Courses and Best Practices:A Case Study on Social Network Analysis Course
4:24	125	Shailaja jaigram	Sphoorthy CE	Demand and Denial of MOOCs in Engineering Education
4:32	142	BharatiUgale	RIT	A Novel Approach to improve Logical and Critical Thinking through Collaborative Learning and using Visualization tools
4:40	9	Shivalingsarj Desai	KLETU	Digital Collage-as a Pedagogical Tool for Effective Learning of Immunological Concepts
4:48	10	TamilselviArulappan	TCE	SMART COMMUNICATION APP (ROACH) CLIL for BETTER LANGUAGE ACQUISITION
4:54	107	Madhavi B K	NMREC	Improving Attainment of Graduate Attributes using Google Classroom
				BREAK
5:00	1	Tuti Sandhya*, Sphoorthy Engineering College	Sphoorthy EC	Initiation of Edmodo into classroom at Sphoorthy Engineering College
5:08	59	arumugam S	MREC	Online Examinations to undergraduate engineering students: A case study in an Autonomous Institution
5:16	75	Sathyendra Bhat	SJEC	Leveraging E-Learning through Google Classroom: A Usability Study
5:24	98	Rakesh Tapaskar	KLETU	Pedagogical Interventions through Software tools in Postgraduate Engineering Programme
5:32	64	Trupti Indi	WIT	Open Education Resource (OER) for Advanced C Concepts Course using LMS – Moodle for Engineering Education
5:40	45	Sangeeta Kulkarni	KJSCE	Development of paperless load allocation tool for HOD using Linked Google Spreadsheets
5:48	44	Kavitha D	TCE	Flipped Classroom using ICT tools to improve outcome for the course 'soft computing' - A Case study
5:56	34	Mukesh Gilda	Sphoorthy	MOOCs: How they Impact Higher Education
6:04	39	Madhav Murthy	BMSCE	Impact of Massive Open Online Courses on Engineering Education
6:12	82	Rama Rao Pokanati	SVEC	Harnessing Technologies for Electrical Engineering Education