

News and Events

ICTIEE 2016

At time of your reading this issue, the Third International Conference on Transformations in Engineering Education (ICTIEE 2016) is being held at College of Engineering Pune (CoEP), Pune from January 8 to 12, 2016. Please visit <http://www.ictiee.org/> . Given below are the details available at the time of print of this issue:

ICTIEE 2016 Program Schedule: January 8-12, 2016; College of Engineering Pune

Jan 8: Indian Student Forum (ISF 2016): for Registrants of ISF 2016 only

Jan 9: Indian Student Forum (ISF 2016): for Registrants of ISF 2016 only

ALL SESSIONS on JANUARY 9, 10, 11 and 12 are FREE to REGISTERED DELEGATES AND AUTHORS of ICTIEE 2016

ONE Day PASSES are available for others for any day at Rs. 1,500 for IUCEE Consortium Members (Rs. 2,000 for non-members)

Jan 9 Sponsor Workshops: 9:30 am to 5:30 pm

Sponsor	9:30 to 11:15 am	11:30 to 1 pm	Lunch	2 to 3:45 pm	4 to 5:30 pm
National Instruments	Offered in multiple sessions (details will be available soon)				
Mathworks	Offered in multiple sessions (details will be available soon)				
Microsoft	Deploying Technology for Engaged Learning				
Quanser	Modern mechatronics and Control Education 1			Modern mechatronics and Control Education 2	
DassaultSystemes	Offered in multiple sessions (details will be available soon)				
InPods	OBE- Going Beyond Accreditation (4 sessions of 1.5 hours each)				
IonIdea	Addressing Challenges in the OBE Journey (4 sessions of 1.5 hours each)				
SpectraQuest	Innovative approach for teaching courses in engineering mechanics				
ARM	Offered in multiple sessions (details will be available soon)				
Contineo	OBE Solution for Tier 1 Institutions			OBE Solution for Tier 2 Institutions	
Cypress	Embedded Systems and Internet of Things Using the Cypress PSoC4 BLE platform				

Jan 10 Inaugural Session 9:30 am to 10:30 am

Mr. Naushad Forbes, Dr. N. Ratnalikar
 Dr. R. Natarajan (Former Director IITM, Former Chairman AICTE)
 Dr. B.B. Ahuja (COEP), Dr. S. Kulkarni (RIT)

Jan 10 Academic Workshops: 10:45 am to 4:30 pm

Team Building: Dr. Khairiyah and Dr. Yudariah, UniversitiTeknologi Malaysia

Student Centric Teaching: Dr. Jennifer DeBoer, Purdue University, USA

Virtual Labs: Dr. Michael Auer, Dr. DaniloZutin, IGIP Austria

Jan 10 Capstone Sessions for IUCEE Courses: 10:45 am to 4:30 pm

Outcomes Based Education Course Phase III and Valedictory	Dr. Ashok Shettar (KLE Technological Univ), Dr. Prakash Tewari (BVB College of Engg and Tech), Dr. Gopal Joshi (BVB College of Engg and Tech), Dr. Claire Komives (San Jose State U)
Project Management Course Phase II and Valedictory	Dr. Vijay Kanabar (Boston University)
Design Projects Course Phase III and Valedictory	Dr. William Oakes (Purdue University), Dr. Vikas Shinde (Sinhgad Institute of Technology)

Jan 10 Best Practices Tracks: 10:45 am to 4:30 pm

Teaching and Learning
Outcomes Based Education
Industry Academy Partnerships

Women in Engineering; Student Voice; E-Learning								
Governance and Leadership								
Entrepreneurship								
Research Clusters of Interest								
January 10 Keynote and Welcome Session: 5 pm to 9 pm								
Exhibits Opening Tea								
Keynote Addresses: Dr. Anil Sahasrabudhe (Chairman AICTE); Dr. B.S. Sonde (Former VC Goa University)								
Indian Student Forum (ISF 2016) Valedictory								
Cultural Program								
Welcome Dinner								
January 11: Plenary Panel Sessions and Paper Sessions: 9 am to 6 pm								
9 to 10 am	10 to 11 am	T	11:30 to 1 pm	L	2 to 3:30 pm	T	4 to 5 pm	5 to 6 pm
Plenary Panel 1	Plenary Panel 2		Paper Sessions 1		Paper Sessions 2		Plenary Panel 3	Plenary Panel 4
Teaching and Learning Sponsor: National Instruments	Outcomes Based Education Sponsor: IonIdea		Teaching and Learning 1 Teaching and Learning 2 Teaching and Learning 3 Teaching and Learning 4 Outcomes Based Education 1 Governance & Leadership Industry Academy Partners 1 Mini Papers 2 As needed		Teaching and Learning 5 Teaching and Learning 6 Teaching and Learning 7 Teaching and Learning 8 Outcomes Based Education 2 On-line Education Entrepreneurship 1 Mini Papers 2 As needed		Industry Academy Partnerships Sponsor: Microsoft	Student Engagement Sponsor: Quanser
January 12: Plenary Panel Sessions and Paper Sessions: 9 am to 5 pm								
Plenary Panel 5	Plenary Panel 6		Paper Sessions 4		Paper Sessions 4		Plenary Panel 7	Plenary Panel 8
Governance and Leadership Sponsor: InPods	Women in Engineering Sponsor: JIMCOE		Teaching and Learning 9 Teaching and Learning 10 Teaching and Learning 11 Teaching and Learning 12 Outcomes Based Education 3 Women in Engineering Entrepreneurship 2 Mini Papers 3 As needed		Teaching and Learning 13 Teaching and Learning 14 Teaching and Learning 15 Teaching and Learning 16 Outcomes Based Education 4 Student Voice Industry Academy Partners 2 Mini Papers 4 As needed		Entrepreneurship Sponsor: DassaultSystemes	E-Learning
January 12: Valedictory Session: 5 pm to 6 pm								
Dr. B.B. Ahuja (COEP); Dr. Ashok Shettar (KLETU); Dr. Mallikharjuna Babu (BMSCE); Dr. Sushma Kulkarni (RIT)								

IUCEE-OBE Course

Phase 2 of the IUCEE Outcomes Based Education (OBE) Course with 41 participants has been completed. This Phase is being taught by Profs. Shettar, Joshi and Tewari of BVB College of Engineering and Technology as well as Prof. Komives of San Jose State University from October 3, 2015 to January 5, 2016 in a Blended On-line format. The Course will conclude with a face-to-face Phase 3 Valedictory Session at ICTIEE 2016 on Jan 10, 2016.

A Second IUCEE-OBE Course will commence with Phase 1 Workshop face-to-face at Jan 9, 10, 2016 at Dr. D.Y. Patil Institute of Engineering and Technology, Pimpri, Pune.

IUCEE-EPICS Course

Phase 2 of the IUCEE-EPICS Course: “**Integrating Projects and Design into Core Engineering Courses: Enhancing Learning and Preparing Professionals**” with 49 participants has been completed by Prof. Bill Oakes using blended on-line modules. He is being assisted by Prof. Shinde of Sinhgad Institute of Technology. The Course will conclude with Phase 3 face-to-face Valedictory Session at ICTIEE 2016 on Jan 10, 2016.

IIEECP Teacher Certification Course

The second pilot of the IUCEE International Engineering Educator Certification Program (IIEECP), sponsored by IGIP, Austria and Microsoft is in its Phase 2 with blended on-line modules. Phase 3 face-to-face Valedictory Session for its 36 participants will be conducted in June 2016.

An Institutional Pilot of the IIEECP Course for Vardhaman College of Engineering, Hyderabad has been started with Face-to-Face Phase 1 just completed. Phase with blended on-line modules in progress. This Course is exclusively for 40 faculty of this college and will conclude with Phase 3 in May 2016.

A third offering of the Course is expected to start in early 2016. Any institutions interested in hosting an Institutional version are requested to contact Krishnan Vedula or Veena Kumar.

IUCEE Project Management Course

This Course addresses the very important attribute required by NBA Accreditation. Dr. Vijay Kanabar of Boston University is offering this course to 45 participants, with blended on-line modules in Phase 1 and a face-to-face Valedictory session on January 10 as part of ICTIEE 2016. Dr. Kanabar is well known global expert in Project Management and has developed the Global Curriculum sponsored by the Project Management Institute.

GEDC 2015

Global Engineering Deans Council was held from Nov 30 to Dec 2, 2015 at Adelaide, Australia See details at <http://www.aomevents.com/gecdc2015>. Eight deans from IUCEE colleges participated and found it to be very useful in networking with the global community of engineering deans.

WEEF and GEDC 2016

The World Engineering Education Forum 2016 and the next Global Engineering Deans Council 2016 will be held together in Seoul, Korea from November 6-10, 2016. Start planning to attend so you can continue to learn and build your global networks. Details are at: <http://www.weef-gecdc2016.org/>

SPEED India:

SPEED India:

Indian Student Forum (ISF 2016) will be conducted in conjunction with ICTIEE 2016 Look for details at <http://www.ictiee.org/>

inPods

Learning Analytics for Better Outcomes

Awarded Start-up of the Year 2015 under EduTech
- by Silicon India



InPods Product Design Environment

- Define Outcomes
- Map courses to programs to outcomes
- Map lessons and assessments

InPods Outcome Analytics Reporting

- Import & map assessment data
- Perform gap analysis
- Define action plans for growth

InPods Learning Management System

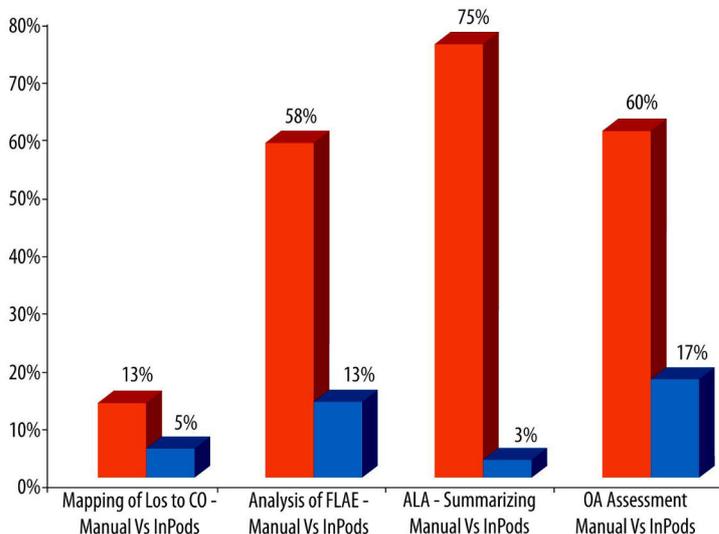
- Represent learning design
- Provide social and personalized learning
- Provide seamless navigational structure

InPods Learning Content Service

- Access relevant content
- Deliver efficacy tested content
- Share & monetize content by publishers

Programme Data Challenge

A typical engineering college having 5 programmes with more than 2500 students in a single semester will have 3,94,456 data points created through a count of 7172 assignments, 56,797 questions, CO & TLO Mapping Count of 11,874 and a sum of Student Attempt Count of 1,15,100.



- LO – Learning Outcomes
- CO – Course Outcomes
- FLAE – Forward Looking Assessment Evaluation
- ALA – Active Learning Activities
- OA – Out-of class Activities

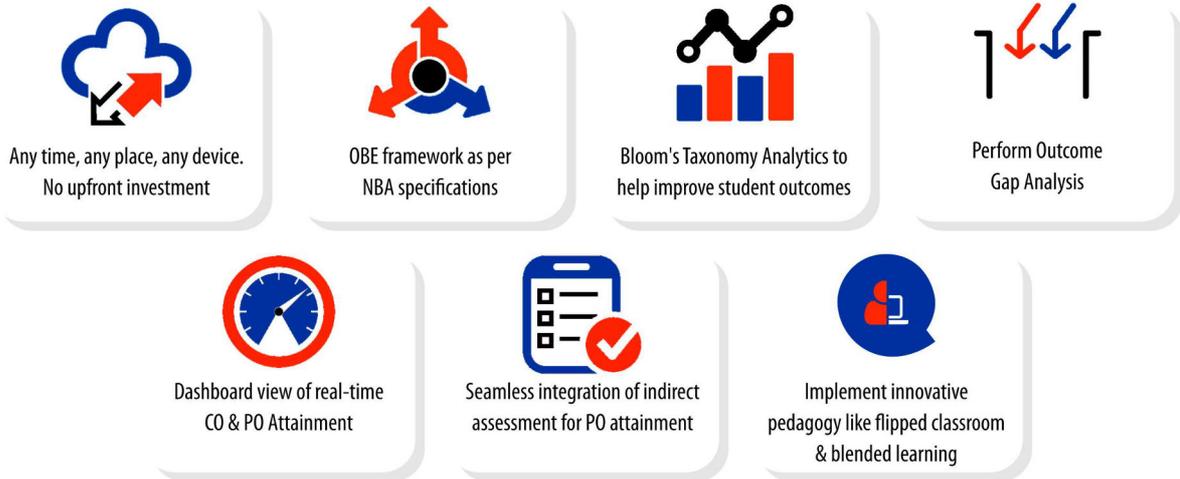
■ % of time invested by a faculty in manual analysis
■ % of time invested by a faculty in using InPods platform

Excerpt from the research paper 'Uncovering the Value of ICT in Time Management for Implementation of Courses' by Dr. Jasma B, Atria Institute of Technology

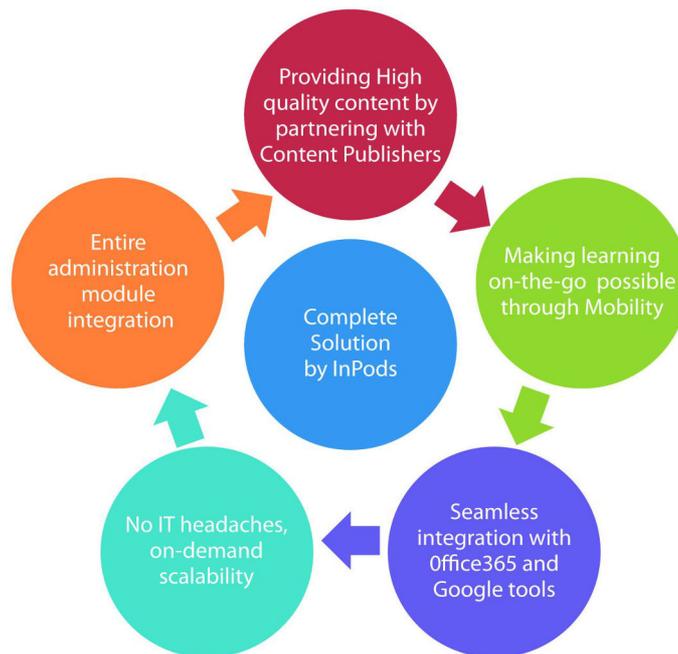


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