

Time		Day 1: 16/09/2019, Monday			
09:15 AM - 09:45 AM		Inauguration ceremony			
09:45 AM - 10:15 AM		Networking break/Tea/Coffee & Poster presentation			
Keynote Lectures					
10:15 AM - 10:45 AM		Christoph Herrmann (Technische Universität Braunschweig)			
10:45 AM - 11:15 AM		Manbir Sodhi (University of Rhode Island)			
11:15 AM - 11:45 AM		Volker Schmid (FESTO)			
11:45 AM - 12:00 PM		Networking break/Tea/Coffee & Poster presentation			
Session ENG-1 - Session Chair: Prof. S. K. Sharma (Room No. 6106, NAB)					
12:00 PM - 12:15 PM		Kapil Kukreja	Indian Cement Industry: A Key Player in the Circular Economy of India		
12:15 PM - 12:30 PM		Nitesh Sihag	Development of an Electric-Load Intelligence System for Component Level Disaggregation to Improve Energy Efficiency of Machine Tools		
12:30 PM - 12:45 PM		Kailash Choudhary	Sustainability assessment of sanitary ware supply chain using life cycle assessment framework – a case study		
12:45 PM - 01:00 PM		Sumanta Pasari	Wind Energy Prediction using Artificial Neural Networks		
01:00 PM - 02:00 PM		Lunch break			
Keynote Lecture					
02:00 PM - 02:30 PM		Mr. Krishnraj (Nerolac)			
Session ENG-2 - Session Chair: Prof. M. Sharma (Room No. 6106, NAB)			Session EDU-1 - Session Chair: Prof. S. Sharma (Room No. 6154, NAB)		
02:30 PM - 02:45 PM		Mayurkumar Makhesana	Cyber Physical Production System: An Introduction	Punita Raj	Use of metacognitive awareness for the optimal utilization of competencies in ill-defined situations: a study of Oskar Schindler (Schindler's List)
02:45 PM - 03:00 PM		Lars Kostrewa	Data Analytics of Energy and Compressed Air Flows for Process and Quality Monitoring in Electro-Pneumatic Handling Systems	Manoj Kumar Soni	Incorporating Experiential and Collaborative Learning in to Instructional Design of Solar Energy Related Course – A Social Experiential Approach
03:00 PM - 03:15 PM		Shailendra Panwar	A Comparative Analysis of Surface Roughness Prediction Models using Soft Computing Techniques	Sailaja Nandigama	Sustainable social engineering and interdisciplinarity: Challenges and opportunities for enabling coupled human-environment systems
03:15 PM - 03:30 PM		Manoj Kumar Soni	Design & Simulation of Solar Thermal based trigeneration system with 520 m2 Dish Collector		
03:30 PM - 04:00 PM		Networking break/Tea/Coffee (Poster presentation)			
Session ENG-3 - Session Chair: Mr. Mayur Makhesana (Room No. 6106, NAB)					
04:00 PM - 04:15 PM		Sumanta Pasari	Time series ARIMA Model for renewable Energy Forecasting		
04:15 PM - 04:30 PM		Prassan Shah	Energy Efficiency Analysis of Machining Magnesium PMMC using In-house Developed Hybrid Machining Facilities		
04:30 PM - 04:45 PM		Sumanta Pasari	Time series ARIMA Model for renewable Energy Forecasting		
04:45 PM - 05:00 PM		Monica Sharma	Exploring Sustainability in Indian Pharmaceutical Industry		
05:00 PM - 06:00 PM		Visit to and demonstration of "Joint Indo-German Experience Lab"			
07:30 PM - 08:30 PM		Dinner			

Time	Day 2: 17/09/2019, Tuesday			
Keynote Lectures				
09:15 AM - 09:45 AM	Reza Asghari (Technische Universität Braunschweig & Ostfalia)			
09:45 AM - 10:15 AM	Shailendra Singh (Mitutoyo)			
10:15 AM - 10:45 AM	Arya Kumar (Birla Institute of Technology and Science Pilani)			
10:45 AM - 11:15 AM	Deepak Ghadia (Muni Seva Ashram)			
11:15 AM - 11:45 AM	Networking break/Tea/Coffee			
Session ENT/ENG-1 - Session Chair: Prof. Jyoti (Room No. 6106, NAB)				
11:45 AM - 12:00 PM	Narpat R. Sangwa	Continuous Kaizen Implementation to Improve Leanness: A Case Study of Indian Automotive Assembly Line		
12:00 PM - 12:15 PM	Jaiprakash Bhamu	Lean Manufacturing Implementation in ceramic industry: a case study		
12:15 PM - 12:30 PM	Leonhard Riedel	Mergers and Acquisitions as Enabler of Digital Business Transformation: Introducing an Integrated Process		
12:30 PM - 12:45 PM	Sakshi Chhabra	Investigating the Role of Motivation in Strengthening Entrepreneurial Intention among Women Entrepreneurs in India		
12:45 PM - 02:00 PM	Lunch break			
Session ENG-4 - Session Chair: Prof. H. K. Mohanta (Room No. 6106, NAB)		Session EDU-2 - Session Chair: M. S. Soni (Room No. 6154, NAB)		
02:00 PM - 02:15 PM	Max Juraschek	3-CYCLE - A modular process chain for recycling of plastic waste with filament-based 3D printing for Learning Factories	Sushila Shekhawat	Enhancing Employability Skills of Engineering Graduates
02:15 PM - 02:30 PM	Lennart Büth	Choosing Products for Decentralized Manufacturing: Utilizing Recycled 3D Printing Filament in India and Germany	Luise Mayer	Innovative Teaching and Learning Climates – Is Germany Indeed ahead of India? How Do These Relate to Sustainable Thinking?
02:30 PM - 02:45 PM	Ankur Mittal	Oxygen enrichment technology- an innovation for improved solid fuel combustion and sustainable environment	Abhijith Venugopal	Role of self-efficacy in the learning output of engineering education
02:45 PM - 03:00 PM	Priya Sande	Lateral Thinking in Learning CFD Methods		
Session EDU-3 - Session Chair: Prof. S. K. Choudhary (Room No. 6106, NAB)				
03:00 PM - 03:15 PM	Sangeeta Sharma	Improving classroom delivery of Engineering Education through Design Thinking		
03:15 PM - 03:30 PM	Pushp Lata	Capacity Building through Cross Cultural Skills among Engineering Graduates of India: A Case Study of CCS Course at BITS Pilani		
03:30 PM - 03:45 PM	Anupum Yadav	"Re-describing" Cognitive Competencies: Some Pedagogical Interventions		
03:45 PM - 04:15 PM	Valedictory session			
04:15 PM - 04:45 PM	Networking break/Tea/Coffee			