

| Track | Session Time | Paper ID | Paper Title | Primary Contact Author Name | Session Title | College | Authors |
|-------|---|----------|--|-----------------------------|-----------------------------------|----------------------------|---|
| 1.1 | Friday January 8 from 5:45 to 6:45 pm IST | 82 | Industry Institute Interaction for implementing Outcome Based Education | P.S. Gowra | Industry-Academic Collaboration I | BMS CE, KN | Rajeshwari Hegde (BMS College of Engineering)*; P.S. Gowra (BMS College of Engineering) |
| 1.1 | Friday January 8 from 5:45 to 6:45 pm IST | 106 | The Significant Contextual Predictors of Industrial Academic Collaboration in Engineering | Kalpana Murugan | Industry-Academic Collaboration I | Kalasalingam ARE, TN | Shasi Anand Sridharan (Kalasalingam Academy of Research and Education); Nagaraj Ramrao (Kalasalingam Academy of Research and Education); Kalpana Murugan (Kalasalingam Academy of Research and Education)*; Venkatesh Prasad (Nanochip Solutions Private Limited); Radeep Krishna Radhakrishnan Nair (Kalasalingam Academy of Research And Education) |
| 1.1 | Friday January 8 from 5:45 to 6:45 pm IST | 126 | Effective Design and Implementation of B.Tech(CSE) Curriculum with Industry Tie-up | Kanniga Devi R | Industry-Academic Collaboration I | Kalasalingam ARE, TN | Shasi Anand Sridharan (Kalasalingam Academy of Research and Education); Francis Saviour Devaraj A (Kalasalingam Academy of Research and Education); Kanniga Devi R (Kalasalingam Academy of Research and Education)*; Balasubramanian C (Kalasalingam Academy of Research and Education); Raja Subramanian R (Kalasalingam Academy of Research and Education); NAGARAJ P (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION) |
| 1.1 | Friday January 8 from 5:45 to 6:45 pm IST | 161 | The Results of Classification of Lab Assignment in Object Oriented Programming and Database Management System Lab:A Case Study | Vani A Yelamali | Industry-Academic Collaboration I | KLE Tech U, KN | Vani A Yelamali (KLE Technological University)*; Sahana Beelagi (KLE Technological University) |
| 1.1 | Friday January 8 from 5:45 to 6:45 pm IST | 77 | Academic Excellence through Industry Institute Collaboration | Uma Anil Kulkarni | Industry-Academic Collaboration I | KLEDRMSSCET, KN | Uma Anil Kulkarni (KLEDRMSSCET)* |
| 1.2 | Friday January 8 from 5:45 to 6:45 pm IST | 149 | A Study on Infusing and Expanding Clean and Green Learning Spaces on Campus | Santosh Naik | Leveraging Government Initiatives | Hyderabad ITAM, TS | Santosh Naik (HITAM)*; Surendra Reddy (Hyderabad Institute of Technology and Management (HITAM)); HEMA MAHAJAN (Hyderabad Institute of Technology and Management); Deepak Waiker (Voice chair, IEEE Education society chapter); Deepak Gadhia (Sunrise CSP India Pvt. Ltd) |
| 1.2 | Friday January 8 from 5:45 to 6:45 pm IST | 341 | Unnat Bharat Abhiyan Outreach Program – A Case Study | Ch Anjali | Leveraging Government Initiatives | Hyderabad ITAM, TS | Ch Anjali (Hyderabad Institute of Technology and Management)*; Gangula Akshaya (Hyderabad Institute of Technology and Management); Kummari K Sowjanya (HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT); Anthagiripally Sushmitha (Hyderabad Institute of Technology and Management); Santosh Naik (HITAM) |
| 1.2 | Friday January 8 from 5:45 to 6:45 pm IST | 425 | Unnat Bharat Abhiyan, A Government of India Initiative Complementing Service Learning in Engineering | Surendra Reddy | Leveraging Government Initiatives | Hyderabad ITAM, TS | Surendra Reddy (Hyderabad Institute of Technology and Management (HITAM))*; Santosh Naik (HITAM) |
| 1.2 | Friday January 8 from 5:45 to 6:45 pm IST | 12 | Leveraging Government Initiatives through Facilitating the Stars of High Performing Faculty Teams | Thanikachalam Vedhathiri | Leveraging Government Initiatives | NITTR Chennai, TN | Thanikachalam Vedhathiri (NITTR)* |
| 1.3 | Friday January 8 from 7:00 to 8:00 pm IST | 64 | UNDERSTANDING ASPIRATIONS OF FIRST YEAR UNDERGRADUATE ENGINEERING STUDENTS | PRAMOD SHAHABADKAR | First Year Engineering I | KKW Inst of Ed and Res, MH | PRAMOD SHAHABADKAR (K K Wagh Institute of Engineering Education & Research, Nashik)*; Dr. Ajinkya S Joshi (K. K. Wagh Institute of Engineering Education and Research, Nashik); Vaishali R Lele (K.K. Wagh Institute of Engineering Education and Research, Nashik); Vilas K Patil () |
| 1.3 | Friday January 8 from 7:00 to 8:00 pm IST | 71 | The influence of sustainable development module on students of first year of engineering | Radhika Amashi | First Year Engineering I | KLE Tech U, KN | Radhika Amashi (K L E Technological University)*; Gopalkrishna Joshi (Karnataka State Higher Education Council); Rohit Kandakatla (KG Reddy College of Engineering & technology) |

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| 1.3 | Friday January 8 from 7:00 to 8:00 pm IST | 124 | Impact of Modeling and Simulation in Solving Complex Problems at First Year Engineering. | Madhu V Asundi | First Year Engineering I | KLE Tech U, KN | Madhu V Asundi (KLE Technologica University)*; Rohit Kandakatla (KG Reddy College of Engineering & technology); Gopalkrishna Joshi (Karnataka State Higher Education Council) |
| 1.3 | Friday January 8 from 7:00 to 8:00 pm IST | 138 | An attempt to impart engineering drawing standards through problem based learning approach | Shreeshail M L | First Year Engineering I | KLE Tech U, KN | Shreeshail M L (KLE TECHNOLOGICAL UNIVERSITY)*; Suresh HK (B.V. Bhoomaraddi College of Engineering and Technology); Gurupadayya M Hiremath (KLE Technological University); Balachandra S. Halemani (KLE TECHNOLOGICAL UNIVERSITY); Basavaraj Kotturshettar (KLE Technological University) |
| 1.4 | Friday January 8 from 7:00 to 8:00 pm IST | 174 | Effect of Autonomous Assessment Method in Effective Teaching of 'Clinical Trials and Management' Course | KABILAN S J | Assessing to Achieve Graduate Attributes I | Kalasalingam ARE, TN | KABILAN S J (Kalasalingam Academy of Research and Education)* |
| 1.4 | Friday January 8 from 7:00 to 8:00 pm IST | 7 | Assessment to Enhance and Demonstrate Graduate Attributes | Thanikachalam Vedhathiri | Assessing to Achieve Graduate Attributes I | NITTTR Chennai, TN | Thanikachalam Vedhathiri (NITTTR)* |
| 1.4 | Friday January 8 from 7:00 to 8:00 pm IST | 107 | A micro-level assessment methodology for attaining Programme Outcomes through UnderGraduate Engineering Projects | AM Abhirami | Assessing to Achieve Graduate Attributes I | Thiagarajar CE, TN | Karthikeyan P (Thiagarajar College of Engineering)*; Prof. A.M. Abirami (Thiagarajar College of Engineering); M Thangavel (Thiagarajar College of Engineering) |
| 1.4 | Friday January 8 from 7:00 to 8:00 pm IST | 79 | A Case Study on the Assessment of Program Quality through CO-PO Mapping and its Attainment | Rajagopal B Reddy | Assessing to Achieve Graduate Attributes I | Vardhaman CE, TS | Rajagopal B Reddy (Vardhaman College of Engineering Hyderabad)*; Karupiah N (VCE); Asif Md (Vardhaman College of Engineering); Ravivarman Shanmugasundaram (Vardhaman College of Engineering) |
| 1.4 | Friday January 8 from 7:00 to 8:00 pm IST | 219 | METHODOLOGIES TO ATTAIN GRADUATE ATTRIBUTES AT CLASS LEVEL | Kilari Veera Swamy | Assessing to Achieve Graduate Attributes I | Vasavi CE, TS | Kilari Veera Swamy (Vasavi College of Engineering)* |
| 1.5 | Friday January 8 from 8:30 to 9:30 pm IST | 320 | Attitude and Motivation affects English Language Proficiency of Engineering students: A Preliminary survey through adapted Attitude/Motivation Test Battery | Jayanti Dattatraya Shinge | First Year Engineering II | KLE Tech U, KN | Jayanti Dattatraya Shinge (KLE Technological University)*; Sanjay Kotabagi (KLE Technological University) |
| 1.5 | Friday January 8 from 8:30 to 9:30 pm IST | 384 | Transforming Young Minds socially through, a course Social Innovation with a Human Centered Design Approach at freshman level of Engineering. | Jayanti Dattatraya Shinge | First Year Engineering II | KLE Tech U, KN | Jayanti Dattatraya Shinge (KLE Technological University)*; Sanjay Kotabagi (KLE Technological University); Geeta S Maralappanavar (KLE Technological University); Christina Rebello (SJMV Sangha's Business Administration College for Women, Hubli, Karnataka); Anusha Kodolli (KLE Technological University); Sujatha N M (KLE Technological University) |
| 1.5 | Friday January 8 from 8:30 to 9:30 pm IST | 221 | Developing Logic Building, Problem Solving, and Debugging Programming Skills Among Students | Sandeep A Thorat | First Year Engineering II | Rajarambapu IT, MH | Sandeep A Thorat (RIT Rajaramanagar)*; Durgesh Kshirsagar (RIT Rajaramnagar) |
| 1.5 | Friday January 8 from 8:30 to 9:30 pm IST | 409 | Comprehensive Strategy to Inculcate Professional Skills among First Year Students: A Collaborative Learning Approach | Shreeranga Bhat | First Year Engineering II | SJ Engg College, KN | Poornesh M (St Joseph Engnieering COLlege, Vamanjoor, Mangaluru); Shreeranga Bhat (SJEC)*; Prof Rio D'Souza (SJEC); E.S.M. Suresh (National Institute of Technical Teachers Training and Research); Vinayambika S. Bhat (Mangalore Institute of Technology and Engineering) |
| 1.6 | Friday January 8 from 8:30 to 9:30 pm IST | 499 | Achieving Program Outcomes through MIY model ensuring active learning and active engagement in learning | Vinay Arun Kulkarni | Assessing to Achieve Graduate Attributes II | DY Patil CE, MH | Dr Vinay Arun Kulkarni (D Y Patil College of Engineering, Akurdi, Pune)*; Maneet Dhanvijay (College of Engineering, Pune); P Malathi (DYPCOE,Akurdi); Vijay Wadhai (Sinhgad Academy of Engineering, Pune, India) |
| 1.6 | Friday January 8 from 8:30 to 9:30 pm IST | 265 | Effective Mechanism of Graduate Attributes distribution in Engineering Education Curriculum | Suganya R | Assessing to Achieve Graduate Attributes II | Thiagarajar CE, TN | Suganya R (Thiagarajar College of Engineering)*; Seyed A/Prof Md Buhari (kau); Rajaram S (TCE Madurai) |
| 1.6 | Friday January 8 from 8:30 to 9:30 pm IST | 456 | Measuring the effectiveness of individual assessment methods in Collaborative/Cooperative activity in online teaching | Kavitha D | Assessing to Achieve Graduate Attributes II | Thiagarajar CE, TN | Kavitha D (Thiagarajar College of Engineering)*; ANITHA D (Thiagarajar College of Engineering) |

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| 1.6 | Friday January 8 from 8:30 to 9:30 pm IST | 542 | Assessing Undergraduate Engineering Programmes using Alumni Feedback | Meenakshi Sankaran | Assessing to Achieve Graduate Attributes II | VIT Bhopal U, MP | Dr. Meenakshi Sankaran (VIT BHOPAL UNIVERSITY)*; Dr.Amiya Kumar Rath (NAAC) |
| 1.6 | Friday January 8 from 8:30 to 9:30 pm IST | 463 | Design of Intelligent E-Learning Assessment Framework Using Bayesian Belief Network | ROHIT B KALIWAL | Assessing to Achieve Graduate Attributes II | VTU, KN | ROHIT B KALIWAL (VISVESVARAYA TECHNOLOGICAL UNIVERSITY)*; Dr. S L Deshpande (VTU, Belgavi) |
| 2.1 | Saturday January 9 from 2:00 to 3:00 pm IST | 8 | Curiosity: Mother of Innovation in Biotechnology | Gopal K Chotani | Motivating Students to Engage I | Dupont, USA | Gopal K Chotani (DuPont)* |
| 2.1 | Saturday January 9 from 2:00 to 3:00 pm IST | 207 | Systematic and Rigorous Use of Feedback to Enhance Learning in Engineering Classes | Preeti Bhamre | Motivating Students to Engage I | KKW Inst of Ed and Res, MH | Preeti Bhamre (KKWIEER, Nashik)*; Apurv Vaidya (KKWIEER, Nashik); Jagruti Nkam (KKWIEER, Nashik) |
| 2.1 | Saturday January 9 from 2:00 to 3:00 pm IST | 125 | A quantitative investigation of student performance in a peer assisted flipped classroom model | Navin Ganesh Vadivelu | Motivating Students to Engage I | PSG ITAR, TN | Navin Ganesh Vadivelu (PSG Institute of Technology and Applied Research)* |
| 2.1 | Saturday January 9 from 2:00 to 3:00 pm IST | 22 | Increasing students Engagement during Virtual Classroom Teaching through Effective use of Online Tools | Varsha lokare | Motivating Students to Engage I | Rajarambapu IT, MH | Varsha lokare (Rajarambapu Institute of Technology)*; Arvind W Kiwelekar (Dr Babasaheb Ambedkar Technological University Maharashtra); Sapana Barphe (Dr. Babasaheb Ambedkar Technological University, Lonere); Laxman D Netak (Dr Babasaheb Ambedkar Technological University Maharashtra); Prakash M Jadhav (RIT) |
| 2.1 | Saturday January 9 from 2:00 to 3:00 pm IST | 267 | Learning by Gamification: An Effective Active Learning Tool in Engineering Education | Popat Kumbhar | Motivating Students to Engage I | Rajarambapu IT, MH | Dr. Yashwant M Patil (Rajarambapu Institute of Technology, Rajaramnagar); Popat Kumbhar (RIT, Rajaramnagar)* |
| 2.2 | Saturday January 9 from 2:00 to 3:00 pm IST | 88 | Integrating Genomics and Proteomics - A Bioinformatics based pedagogical approach to elucidate Gene-Protein Relationship. | Sharanappa M Achappa | Best Practices in Teaching and Learning I | KLE Tech U, KN | Sharanappa M Achappa (KLE Technological University)*; Shivalingsarj Vijaykumar Desai (KLE Technological University) |
| 2.2 | Saturday January 9 from 2:00 to 3:00 pm IST | 33 | Analyzing the adoption of recent IT technologies in undergraduate engineering project course | Sandip Mane | Best Practices in Teaching and Learning I | Rajarambapu IT, MH | sandip Mane (RIT)*; Amol c Adamuthe (RIT, Rajaramnagar, Islampur) |
| 2.2 | Saturday January 9 from 2:00 to 3:00 pm IST | 80 | Refined Assessment Technique in Engineering Education Based on Response from Stake-holders | Deepesh Kanchan | Best Practices in Teaching and Learning I | SJ Engg College, KN | Deepesh Kanchan (St Joseph Engg College,mangaluru)*; Franco A Menezes (SJEC); Rolen L Rodrigues (SJEC) |
| 2.2 | Saturday January 9 from 2:00 to 3:00 pm IST | 66 | Assessing skills development across the undergraduate degree programme: An IEP review – Biochemical Engineering | Mauryn C Nweke | Best Practices in Teaching and Learning I | U College London, UK | Mauryn C Nweke (University College London)* |
| 2.2 | Saturday January 9 from 2:00 to 3:00 pm IST | 83 | Employing Problem Based Learning System in Advancing Communication Skills Proficiency in Professional Communication for Engineering Undergraduates | Sree Devi Jasti | Best Practices in Teaching and Learning I | VJIT, TS | Sree Devi Jasti (Vidya Jyothi Institute of Technology)*; Dr. Pavani A (KL University) |
| 2.3 | Saturday January 9 from 5:45 to 6:45 pm IST | 108 | Flipped classroom - Role of Technical Assemblage | Priya V Kulkarni | Active Learning for Higher Level Thinking Skills and Professional Skills I | ekLakshya Inn Labs | Priya V Kulkarni (ekLakshya Innovation Labs, Hubballi)*; Nousheen Savanur (ekLakshya Innovation Labs, Hubballi); Poornima M (eklakshya); Daneshwari S Kuppasagoudra (eklakshya innovation labs) |
| 2.3 | Saturday January 9 from 5:45 to 6:45 pm IST | 97 | Strategies to improve students' participation and enrich learning of a Fluid Mechanics and Fluid Machines course | Sandeep R. Desai | Active Learning for Higher Level Thinking Skills and Professional Skills I | Rajarambapu IT, MH | Dr. Sandeep R. Desai (K.E.Society's Rajarambapu Institute of Technology, Rajaramnagar)* |
| 2.3 | Saturday January 9 from 5:45 to 6:45 pm IST | 184 | Integral Revision, In Semester Examination and Evaluation of Content – II Technique | ANSAR A MULLA | Active Learning for Higher Level Thinking Skills and Professional Skills I | Rajarambapu IT, MH | ANSAR A MULLA (Rajarambapu Institute of Technology An Autonomous)*; Abhijeet Prakash Shah (Rajarambapu Institute of Technology, Rajaramnagar); Swapnil Patil (Rajarambapu Institute of Technology An Autonomous) |
| 2.3 | Saturday January 9 from 5:45 to 6:45 pm IST | 193 | TOOLS AND ACTIVITIES FOR DEVELOPING HIGHER ORDER AND PROFESSIONAL SKILLS WITH A CASE STUDY ON THE SUBJECT OF COMPUTER ARCHITECTURE AND ORGANIZATION | Muthuvel Somasundaram | Active Learning for Higher Level Thinking Skills and Professional Skills I | RMK EC, TN | Muthuvel Somasundaram (R.M.K. Engineering College)*; P Latha (R.M.K. Engineering College) |
| 2.3 | Saturday January 9 from 5:45 to 6:45 pm IST | 81 | Impact of Collaborative Learning in Electrical Engineering Education | Franco A Menezes | Active Learning for Higher Level Thinking Skills and Professional Skills I | SJ Engg College, KN | Franco A Menezes (SJEC)*; Rolen L Rodrigues (SJEC); Deepesh Kanchan (St Joseph Engg College,mangaluru) |
| 2.4 | Saturday January 9 from 5:45 to 6:45 pm IST | 16 | CHALLENGES IN ONLINE TEACHING AMIDST COVID CRISIS: IMPACT ON ENGINEERING EDUCATORS OF DIFFERENT LEVELS | M Kashyap | Online Teaching I | GIET Engg College, AP | M Kashyap (GIET Engineering College (GITE))* |

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| 2.4 | Saturday January 9 from 5:45 to 6:45 pm IST | 44 | UNDERSTANDING THE EMOTIONAL AND PSYCHOLOGICAL REFLECTIONS OF THE ENGINEERING STUDENTS ON THE REMOTE TEACHING AS A NEW PEDAGOGICAL PRACTICE | Ankur C. Bhogayata | Online Teaching I | Marwadi U, GJ | Ankur C. Bhogayata (Marwadi University)*; Rajendrasinh Jadeja (Marwadi University); Dr. Tarak Vora (Marwadi) |
| 2.4 | Saturday January 9 from 5:45 to 6:45 pm IST | 37 | Impact of Online Learning Readiness on Students Satisfaction in Higher Educational Institutions | Pavan Kumar Saraf | Online Teaching I | NITKarnataka, KN | Pavan Kumar Saraf (National Institute of Technology Karnataka, Surathkal)* |
| 2.4 | Saturday January 9 from 5:45 to 6:45 pm IST | 52 | Assessment and Evaluation of Academic Performance with the e-mental health interventions in virtual learning environment using Machine learning Techniques: A Hybrid approach | Sheik Abdullah A | Online Teaching I | Thiagarajar CE, TN | Sheik Abdullah A (Thiagarajar College of Engineering)*; Abirami RM (Thiagarajar College of Engineering); Varthana C (Thiagarajar College of Engineering); Gitwina A (Thiagarajar College of Engineering) |
| 2.4 | Saturday January 9 from 5:45 to 6:45 pm IST | 127 | Is long-serving teaching experience a barrier of transformation in online teaching? – An exploration study | ANITHA D | Online Teaching I | Thiagarajar CE, TN | ANITHA D (Thiagarajar College of Engineering)*; Kavitha D (Thiagarajar College of Engineering) |
| 2.5 | Saturday January 9 from 7:00 to 8:00 pm IST | 514 | Activity Based Analysis and Prediction Strategy for the Class Room Performance Improvement | Parvathi M | Active Learning for Higher Level Thinking Skills and Professional Skills II | BVRITH CEW, TS | Dr. Parvathi M (BVRIT HYDERABAD College of Engineering for Women)* |
| 2.5 | Saturday January 9 from 7:00 to 8:00 pm IST | 225 | Engaging Students Actively for Effective Teaching-Learning | Megha M. Kolhekar | Active Learning for Higher Level Thinking Skills and Professional Skills II | Fr. CRIT, MH | Megha M. Kolhekar (Fr. C. Rodrigues Institute of Technology)*; Milind S. Shah (Fr. C. Rodrigues Institute of Technology); Anita Jadhav (Fr. C. Rodrigues Institute of Technology) |
| 2.5 | Saturday January 9 from 7:00 to 8:00 pm IST | 214 | Improving Student Outcome through Flexibility in Teaching and Evaluation Methods | Brintha N C | Active Learning for Higher Level Thinking Skills and Professional Skills II | Kalasalingam ARE, TN | Brintha N C (Kalasalingam Academy of Research and Education)*; Ebenezer G (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION); Francis Saviour Devaraj A (Kalasalingam Academy of Research and Education); Sivapragasam Chandrasekaran (Kalasalingam Academy of Research and Education); Dr J T Winowlin Jappes (Kalasalingam Academy of Research & Education) |
| 2.5 | Saturday January 9 from 7:00 to 8:00 pm IST | 489 | Role of Active learning Techniques in development of Problem Solving Skills | Bharati A Dixit | Active Learning for Higher Level Thinking Skills and Professional Skills II | MIT WPU, MH | Bharati A Dixit (MIT World Peace University)*; Mangesh Bedekar (Professor, School of Computer Engineering and Technology, MIT World Peace University); Aditi Jahagirdar (MIT World Peace University); Neha Sathe (MIT World Peace University) |
| 2.5 | Saturday January 9 from 7:00 to 8:00 pm IST | 538 | T24S Vs TPS | Sunita M Dol | Active Learning for Higher Level Thinking Skills and Professional Skills II | Walchand IT, MH | Sunita M Dol (Walchand Institute of Technology, Solapur)* |
| 2.6 | Saturday January 9 from 7:00 to 8:00 pm IST | 357 | Creating Entrepreneurial Ecosystem in Higher Education Institutes: A Case Study | Deny J | Entrepreneurship and Engineering Innovation | Kalasalingam ARE, TN | Deny J (Kalasalingam Academy of Research and Education)* |
| 2.6 | Saturday January 9 from 7:00 to 8:00 pm IST | 517 | Planning and teaching Design Thinking online | Kalyana C Chilukuri | Entrepreneurship and Engineering Innovation | MVGR CE, AP | Kalyana C Chilukuri (M.V.G.R.College of Engineering)* |
| 2.6 | Saturday January 9 from 7:00 to 8:00 pm IST | 35 | Exploring the relationship between students' inclination to sports and their entrepreneurial intentions | Pavan Kumar Saraf | Entrepreneurship and Engineering Innovation | NITKarnataka, KN | Pavan Kumar Saraf (National Institute of Technology Karnataka, Surathkal)* |
| 2.6 | Saturday January 9 from 7:00 to 8:00 pm IST | 400 | The impact of project based learning in entrepreneurship and in building social skills among students | Avila Priya Pinto | Entrepreneurship and Engineering Innovation | SJ Engg College, KN | Avila Priya Pinto (St Joseph Engineering College)*; Reshma K J (St Joseph Engineering College) |
| 2.7 | Saturday January 9 from 8:30 to 9:30 pm IST | 189 | Digital Pedagogy implementation in Engineering using SMART Mobiles | Radeep Krishna Radhakrishnan Nair | Learning Driven by Technology I | Kalasalingam ARE, TN | Radeep Krishna Radhakrishnan Nair (Kalasalingam Academy of Research And Education); Nagaraj Ramrao (Kalasalingam Academy of Research and Education)*; Sivapragasam Chandrasekaran (Kalasalingam Academy of Research and Education); Anish Nair (Kalasalingam Academy of Research and Education); Sivakumar Pothiraj (Kalasalingam Academy of Research and Education) |
| 2.7 | Saturday January 9 from 8:30 to 9:30 pm IST | 135 | Unmasking Students' Learning Experiences During Coronavirus Pandemic | Hemlata Vivek Gaikwad | Learning Driven by Technology I | Rajarambapu IT, MH | Hemlata Vivek Gaikwad (Rajarambapu Institute of Technology)*; Sushma Kulkarni (Rajarambapu Institute of Technology, Rajaramnagar) |

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| 2.7 | Saturday January 9 from 8:30 to 9:30 pm IST | 100 | A Strategic Approach in Handling Information Retrieval Course for Attaining Course Outcomes – A Case Study | Sheik Abdullah A | Learning Driven by Technology I | Thiagarajar CE, TN | Sheik Abdullah A (Thiagarajar College of Engineering)*; Karthikeyan P (Thiagarajar College of Engineering); Parkavi R (Thiagarajar College of Engineering); Selvakumar S (GKM College of Engineering) |
| 2.7 | Saturday January 9 from 8:30 to 9:30 pm IST | 156 | A Smart Board Approach in Teaching Engineering Mathematics Course | Sri Vinodhini H | Learning Driven by Technology I | Thiagarajar CE, TN | Sri Vinodhini H (Thiagarajar College of Engineering)*; Julius Fusic S (Thiagarajar college of engineering); BHAGYALAKSHMI P (Thiagarajar College of Engineering) |
| 2.7 | Saturday January 9 from 8:30 to 9:30 pm IST | 171 | Technology-Mediated Higher Education Provision during the COVID-19 Pandemic: A Qualitative Assessment of Engineering Student Experiences and Sentiments | Thitiwat Piyatamrong | Learning Driven by Technology I | U College London, UK | Thitiwat Piyatamrong (University College London)*; Jay Derrick (University College London); Abel Nyamapfene (University College London) |
| 2.8 | Saturday January 9 from 8:30 to 9:30 pm IST | 146 | Impact of Project-Based Learning for Improving Students Skills by incorporating Design Thinking Process | Santosh Naik | Project Based Learning I | Hyderabad ITAM, TS | Santosh Naik (HITAM)*; HEMA MAHAJAN (Hyderabad Institute of Technology and Management); Dr. Sreeramulu Munagala (HITAM); Syed Majeedullah (Hyderabad Institute of Technology and Management) |
| 2.8 | Saturday January 9 from 8:30 to 9:30 pm IST | 153 | OUTCOME BASED PROJECT FOR BETTERMENT OF RURAL COMMUNITY | S Sheikh Asraf | Project Based Learning I | Kalasalingam ARE, TN | Aruna V Janani (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION); Naresh K Sharma (Kalasalingam Academy of Research and Education, Tamil nadu, INDIA); N Hariram (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION); Vishnuvarthanan G (Kalasalingam Academy of Research and Education); Reginold Jebitta S (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION); ArunPrasath T (Kalasalingam Academy of Research and Education); CHITRADEVI KANIRAJA (Kalasalingam Academy of Research & Education); S SHEIK ASRAF (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION)* |
| 2.8 | Saturday January 9 from 8:30 to 9:30 pm IST | 544 | A Hands-on approach in Teaching Computer Organization & Architecture through Project Based Learning | Aruna Nayak | Project Based Learning I | KLE Tech U, KN | Aruna Nayak (KLE Tech University)*; Namrata D. Hiremath (KLE Tech University); Umadevi . F.M (KLE Tech University); Vishwanath G. Garagad (KLE Tech University) |
| 2.8 | Saturday January 9 from 8:30 to 9:30 pm IST | 212 | Project Based Learning methodology: An effective way of learning Software Engineering through Database design and Web Technology project | Varsha S Naik | Project Based Learning I | MIT WPU, MH | Varsha S Naik (MIT-World Peace University)*; Sheetal Girase (MIT-World Peace University) |
| 2.8 | Saturday January 9 from 8:30 to 9:30 pm IST | 372 | Enhanced Learning and Improved Productivity of Students' using Project Based Learning Approaches for Programming Courses | Shreenath Acharya | Project Based Learning I | SJ Engg College, KN | Shreenath Acharya (St Joseph Engg College)*; Gayana M N (St Joseph Engineering College) |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 191 | CREATING LEARNING INTEREST IN THE COURSE "EARTHQUAKE RESISTANT DESIGN OF STRUCTURES" USING INNOVATIVE ASSESSMENT METHODS | M. Palianappan | Motivating Students to Engage II | Kalasalingam ARE, TN | M. Palianappan, *Kalasalingam Academy of Research and Education |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 228 | On Identifying Advanced, Average and Slow Learners: Case Study | Ravindra K Munje | Motivating Students to Engage II | KKW Inst of Ed and Res, MH | Ravindra K Munje (K. K. Wagh Institute of Engineering Education and Research)*; Omkar Buwa (K.K.Wagh Institute of Engineering Education and Research Nashik); Rupali Ahire (KKWIEE&R) |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 392 | Antecedents of satisfaction with teamwork in higher education: An empirical study | Pavan Kumar Saraf | Motivating Students to Engage II | NITKarnataka, KN | Pavan Kumar Saraf (National Institute of Technology Karnataka, Surathkal)* |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 363 | Sustaining Motivation of Engineering Students in India by Effective Management of their Individual Differences | Amit Lathigara | Motivating Students to Engage II | RK University, GJ | Amit Lathigara (RK University)*; Veena Kumar (UMD); Lipika Gupta (Chitkara University); Binu K G (SJEC) |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 390 | A Reward based Active Learning Approach for Motivating and Engaging students in a Large Classroom | Smitha V George | Motivating Students to Engage II | SJ Engg College, KN | Smitha V George (St Joseph Engineering College)*; Supreetha R (St Joseph Engineering College) |

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| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 521 | Effective Usage of Gamification Techniques to Boost Student Engagement | Ragesh Raju | Motivating Students to Engage II | SJ Engg College, KN | Sathyendra Bhat (St Joseph Engineering College); Ragesh Raju (St Joseph Engineering College, Mangaluru)*; Shreeranga Bhat (SJEC); Prof Rio D'Souza (SJEC); Bikramjit Athokpam (St Joseph Engineering College) |
| 3.1 | Sunday January 10 from 2:00 to 3:00 pm IST | 279 | ENHANCING STUDENT LEARNING AND ENGAGEMENT IN THE COURSE ON COMPUTER NETWORKS | C Jeyamala | Motivating Students to Engage II | Thiagarajar CE, TN | C Jeyamala (TCE)*; ANITHA D (Thiagarajar College of Engineering); Thiruchadai Pandeewari S (Thiagarajar College of Engineering) |
| 3.2 | Sunday January 10 from 2:00 to 3:00 pm IST | 147 | Skill Development of Students through Hands-on Workshop | Parag Mondhe | Best Practices in Teaching and Learning | KKW Inst of Ed and Res, MH | Manisha Satone (K. K. Wagh Institute of Engg Education & Research, Nashik.)*; Parag J. Mondhe (K. K. Wagh Institute of Engineering Education & Research, Nashik) |
| 3.2 | Sunday January 10 from 2:00 to 3:00 pm IST | 177 | Application of Statistical Modeling and Hypothesis Testing to Reinforce Model Validation Concepts in Bioprocess Control Laboratory | Laxmikant Patil | Best Practices in Teaching and Learning | KLE Tech U, KN | Laxmikant Patil (KLE Technological University)*; Gururaj Bhadri (K.L.E Technological University); Shivalingsarj Vijaykumar Desai (KLE Technological University); Anil Shet (KLE Technological University); Veeresh Hombalimath (KLE Technological University) |
| 3.2 | Sunday January 10 from 2:00 to 3:00 pm IST | 130 | "Impact of Choice based four tracks project system on development of final year Engineering students and challenges faced during implementation: Case Study". | Ganesh Laxman Suryawanshi | Best Practices in Teaching and Learning | Rajarambapu IT, MH | Ganesh Laxman Suryawanshi (Rajarambapu Institute of Technology, Rajaramnagar)*; Sachin K. Patil (Rajarambapu Institute of Technology, Rajaramnagar); Sushma Kulkarni (Rajarambapu Institute of Technology, Rajaramnagar) |
| 3.3 | Sunday January 10 from 3:00 to 4:00 pm IST | 122 | IMPROVING THE EDUCATIONAL PRACTICE AND PLACEMET OPPORTUNITIES FOR HEARING IMPAIRED STUDENTS IN COMPUTER SCIENCE ENGINEERING | Vanitha Duraikkan | Resolution of Diversity Issues | Kalasalingam ARE, TN | Vanitha Duraikkan (Kalasalingam Academy of Research and Education)*; Rajan D M (Kalasalingam Academy of Research and Education) |
| 3.3 | Sunday January 10 from 3:00 to 4:00 pm IST | 196 | Projecting the Learning Attainment of Speech and Hearing Impairment Students from Domestic, Discrete, Communication and Educational Aspects | Karthigadevi K | Resolution of Diversity Issues | Kalasalingam ARE, TN | Karthigadevi K (Kalasalingam Academy of Research and Education)*; Thangarasu S (Kalasalingam Academy of Research and Education) |
| 3.3 | Sunday January 10 from 3:00 to 4:00 pm IST | 218 | Student Centered Learning using Student's Learning Style | Pratik R Kadam | Resolution of Diversity Issues | KKW Inst of Ed and Res, MH | Pratik R Kadam (K. K. Wagh Institute of Engineering Education & Research)*; U K Gaikwad (kkwagh COE); Preeti Bhamre (KKWIEER, Nashik) |
| 3.3 | Sunday January 10 from 3:00 to 4:00 pm IST | 203 | Choice of Engineering Education among Girls in India – The journey so far | Geethalakshmi PM | Resolution of Diversity Issues | MIT, MAHE, KN | Geethalakshmi PM (Manipal Institute of Technology, MAHE)*; Sumam David S. (National Institute of Technology Karnataka); Vinod Thomas (Manipal Institute of Technology, MAHE) |
| 3.3 | Sunday January 10 from 3:00 to 4:00 pm IST | 516 | Dynamic Classroom Strategies to Address Learning Diversity | Shreeranga Bhat | Resolution of Diversity Issues | SJ Engg College, KN | Shreeranga Bhat (SJEC)*; Prof Rio D'Souza (SJEC); E.S.M. Suresh (National Institute of Technical Teachers Training and Research); Sathyendra Bhat (St Joseph Engineering College); Ragesh Raju (St Joseph Engineering College, Mangaluru); Vinayambika S. Bhat (Mangalore Institute of Technology and Engineering) |
| 3.4 | Sunday January 10 from 3:00 to 4:00 pm IST | 375 | TinkerCad - A Web Based Application for Virtual Labs to help Learners Think, Create and Make | Radha Abburi | Online Teaching II | BVRITH CEW, TS | Radha Abburi (BVRIT HYDERABAD College of Engineering for Women)*; Manne Praveena (BVRIT HYDERABAD College of Engineering for Women); Priyakanth R (BVRIT HYDERABAD College of Engineering for Women) |
| 3.4 | Sunday January 10 from 3:00 to 4:00 pm IST | 143 | Improving Student Learning Performance During On-line Lectures | Santosh B. Sangle | Online Teaching II | KKW Inst of Ed and Res, MH | Santosh B. Sangle (K. K. Wagh IEER, Nashik)*; Dr. Ajinkya S Joshi (K. K. Wagh Institute of Engineering Education and Research, Nashik); Padmakar Pawar (KK Wagh IEE&R, Nashik); Dr. Keshav Nandurkar (K.K. Wagh IEE&R, Nashik) |

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| 3.4 | Sunday January 10 from 3:00 to 4:00 pm IST | 142 | Elevating Students acquaintance through a Value Added Course by Transforming Conceptual ideas to Pragmatic approach using an online platform | Padmaja Kallimani | Online Teaching II | KLE Tech U, KN | Anupama R Itagi R Itagi (KLE Technological Univeristy, Hubballi)*; Jayashree Mallidu Mallidu (KLE Technological Univeristy,Hubballi); Padmaja Kallimani Kallimani (KLE Technological University, Hubballi) |
| 3.4 | Sunday January 10 from 3:00 to 4:00 pm IST | 181 | Assessing the impact of an online training program on research performance of students and faculty members | HT Jadhav | Online Teaching II | Rajarambapu IT, MH | HT Jadhav (Rajarambapu Institute of Technology)*; padip bamane (rit) |
| 3.4 | Sunday January 10 from 3:00 to 4:00 pm IST | 129 | Unlocking the online education space during the lockdown: Adaptation and synergies of teachers and students | RAM DESHMUKH | Online Teaching II | SR University, TS | RAM DESHMUKH (S R ENGINEEING COLLEGE)*; K.B.V.S.R. Subrahmanyam (S R Engineering College, Warangal); mujahid irfan (SR ENGINEERING COLLEGE) |
| 3.5 | Sunday January 10 from 3:00 to 4:00 pm IST | 474 | Experiential Learning Framework for Signals and Systems: An Attempt Towards Reaching Higher Levels of Cognition. | Ujwala Patil | Best Practices in Teaching and Learning III | BVBCET, KN | Ujwala Patil (BVBCET)*; Raghavendra M Shet (B V Bhoomarradi College of Engg. and Tech.); Nalini Iyer (KLE Technological University); Preeti Pillai (K L E Technological university, Hubballi); Shraddha Hiremath (B V Bhoomarradi College of Engg. and Tech.); Rohit Kalyani (KLE Technological University) |
| 3.5 | Sunday January 10 from 3:00 to 4:00 pm IST | 374 | Impact of mandating the research article based evaluation as an assessment for the pre-final year students for effective execution of final year project | RAMARAJAN C | Best Practices in Teaching and Learning III | Kalasalingam ARE, TN | RAMARAJAN C (KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION)*; Dhivyva N (Kalasalingam Academy of Research and Education) |
| 3.5 | Sunday January 10 from 3:00 to 4:00 pm IST | 361 | Activity Based Programming Learning | Amit Lathigara | Best Practices in Teaching and Learning III | RK University, GJ | Amit Lathigara (RK University)*; Dr. Paresh Tanna (RKU); Dr. Nirav Bhatt (RKU) |
| 3.5 | Sunday January 10 from 3:00 to 4:00 pm IST | 256 | Mentoring approaches for various Learning behaviors of the future engineers in professional education: Competency and Commitment Development | mujahid irfan | Best Practices in Teaching and Learning III | SR University, TS | mujahid irfan (SR ENGINEERING COLLEGE)*; RAM DESHMUKH (S R ENGINEEING COLLEGE); K.B.V.S.R. Subrahmanyam (S R Engineering College, Warangal) |
| 3.5 | Sunday January 10 from 3:00 to 4:00 pm IST | 417 | Impact of In-house training workshops for enhancing faculty competence in CDIO Implementation - A case study | ANITHA D | Best Practices in Teaching and Learning III | Thiagarajar CE, TN | ANITHA D (Thiagarajar College of Engineering)*; C Jeyamala (TCE); Rajan Prakash (TCE); THIRUVENGADAM S.J ("TCE, Madurai"); Saravana Perumaal S (Thiagarajar College of Engineering, Madurai); S Baskar (Thiagarjar College of Engineering, Madurai) |
| 3.6 | Sunday January 10 from 5:45 to 6:45 pm IST | 370 | Design and Impact of Interactive Video Content for the Improvement of Student Engagement and Learning | Priyakanth R | Learning Driven by Technology II | BVRITH CEW, TS | Priyakanth R (BVRIT HYDERABAD College of Engineering for Women)*; Radha Abburi (BVRIT HYDERABAD College of Engineering for Women); Manne Praveena (BVRIT HYDERABAD College of Engineering for Women) |
| 3.6 | Sunday January 10 from 5:45 to 6:45 pm IST | 208 | What factors impact Online Education? A factor analysis approach | Vinay Kukreja | Learning Driven by Technology II | Chitkara U, PJ | Vinay Kukreja (Chitkara University)* |
| 3.6 | Sunday January 10 from 5:45 to 6:45 pm IST | 312 | Resolving Network Issues Using Augmented Reality (AR) and Virtual Reality (VR) | Srilakshmi Anireddy | Learning Driven by Technology II | Chitkara U, PJ | Srilakshmi Anireddy (chitkara University)* |
| 3.6 | Sunday January 10 from 5:45 to 6:45 pm IST | 382 | Role of Learning Analytics in Formative Assessment: Using a data driven approach to inform changes in teaching practices | Rayapudi Sagarika | Learning Driven by Technology II | KGR CET, TS | Rayapudi Sagarika (KG Reddy College of Engineering & Technology)* |
| 3.6 | Sunday January 10 from 5:45 to 6:45 pm IST | 518 | Constructive Methodologies to Overcome the Technological Barriers in Online Teaching-Learning Process | Sathyendra Bhat | Learning Driven by Technology II | SJ Engg College, KN | Sathyendra Bhat (St Joseph Engineering College)*; Ragesh Raju (St Joseph Engineering College, Mangaluru); Shreeranga Bhat (SJEC); Prof Rio D'Souza (SJEC); Bikramjit Athokpam (St Joseph Engineering College) |
| 3.7 | Sunday January 10 from 5:45 to 6:45 pm IST | 313 | IMPACT OF INDUSTRY COLLABORATION IN DEVELOPING CORE ENGINEERING DEPARTMENTS | pratibha dharmavarapu | Industry-Academic Collaboration II | Anurag University, TS | pratibha dharmavarapu (Anurag Group Of Institutions)* |

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| 3.7 | Sunday January 10 from 5:45 to 6:45 pm IST | 424 | A framework to create employability skills for small and medium scale industry | Vaibhav A Gandhi | Industry-Academic Collaboration II | BH Gardi CET, GJ | Vaibhav A Gandhi (B H Gardi College of Engineering and Technology)*; Tarang Joshi (B.H.Gardi College of Engineering & Technology); Parag Paija (B H Gardi College of Engineering & Technology, Rajkot); Jaykumar Dhirjlal Vekariya (B.H. Gardi College of Engineering & Technology); Priyank Zaveri (B H Gardi College of Engineering & Technology); Vimalkumar N. Patel (B H.Gardi college of engineering & technology, Rajkot) |
| 3.7 | Sunday January 10 from 5:45 to 6:45 pm IST | 166 | Application of Failure Modes and Effects Analysis (FMEA) in Automated Spot Welding Process of an Automobile Industry: A Case Study | Amrutha A Hippalgaonkar | Industry-Academic Collaboration II | KKW Inst of Ed and Res, MH | Amrutha A Hippalgaonkar (K.K. Wagh Institute of Engineering Education and Research)*; Dr. Ajinkya S Joshi (K. K. Wagh Institute of Engineering Education and Research, Nashik); Surabhi More (K.K. Wagh Institute of Engineering Education and Research) |
| 3.7 | Sunday January 10 from 5:45 to 6:45 pm IST | 215 | Principles of Elective Design with Industry-Institute Collaboration | Prakash Hegade | Industry-Academic Collaboration II | KLE Tech U, KN | Prakash Hegade (KLE Technological University)*; Indira Bidari (KLE Technological University); Nirmala Patil (KLE Technological University) |
| 3.8 | Sunday January 10 from 7:00 to 8:00 pm IST | 530 | Sustainable Project Based Learning : A more practical approach | Yasser M Baig | Project Based Learning II | Anurag University, TS | Dr. M Mukunda Vani (Anurag University); Caroline Wesley (Anurag university); Yasser M Baig (Anurag University)*; Syed Rashid Iqbal (Anurag university) |
| 3.8 | Sunday January 10 from 7:00 to 8:00 pm IST | 394 | Improving Skills by Engaging in Student Organizations (A Case Study on Engineers Without Borders) | Syed Majeedullah | Project Based Learning II | Hyderabad ITAM, TS | Syed Majeedullah (Hyderabad Institute of Technology and Management)*; Praveen Kullu (Hyderabad Institute of Technology and Management); RAVALI NANDULA (Hyderabad Institute of Technology and management); B Sai Chandrika (Hyderabad Institute of Technology and Management); Santosh Naik (HITAM) |
| 3.8 | Sunday January 10 from 7:00 to 8:00 pm IST | 483 | Impact of Experimental Learning on Graduates Success in Engineering Education | Sneha Yerram | Project Based Learning II | KL University, AP | Sneha Yerram (KL University)*; Prof. Srinivas Aluvala (SREC) |
| 3.8 | Sunday January 10 from 7:00 to 8:00 pm IST | 412 | A Structured approach to enhance the quality of undergraduate capstone project: A case study | Rajendra V Pawar | Project Based Learning II | Rajarambapu IT, MH | Rajendra V Pawar (Rajarambapu Institute of Technology, Rajaramnagar)*; Sachin K. Patil (Rajarambapu Institute of Technology, Rajaramnagar) |
| 3.8 | Sunday January 10 from 7:00 to 8:00 pm IST | 498 | A PELLUCID APPROACH FOR PBL USING ADVANCED MIND MAPPING | Govil Alok | Project Based Learning II | SR University, TS | Govil Alok (SR University)*; Vidushi Govil (Blue Blocks Complete School); Kusuma Srikar (SR University); Veesam Srujana Reddy (SR University) |
| 3.9 | Sunday January 10 from 7:00 to 8:00 pm IST | 386 | ANALYSIS OF STUDENT SATISFACTION IN THE CURRENT ONLINE TEACHING SCENARIO | Anish Nair | Online Teaching III | Kalasalingam ARE, TN | Anish Nair (Kalasalingam Academy of Research and Education)*; Radeep Krishna Radhakrishnan Nair (Kalasalingam Academy of Research And Education) |
| 3.9 | Sunday January 10 from 7:00 to 8:00 pm IST | 380 | Implementation of ICAP Principles through Technology tools: Exploring the alignment between Pedagogy and Technology | Deepika S Ainapur | Online Teaching III | KGCET, TS | Deepika S Ainapur (KGCET)*; Rohit Kandakatla (KG Reddy College of Engineering & technology) |
| 3.9 | Sunday January 10 from 7:00 to 8:00 pm IST | 419 | Responding to COVID-19 and Transitioning to Online Learning: Evaluation of an institution wide capacity building efforts on technology-enhanced learning | Khamruddin Syed | Online Teaching III | KGCET, TS | Khamruddin Syed (K G Reddy College of Engineering & Technology)* |
| 3.9 | Sunday January 10 from 7:00 to 8:00 pm IST | 461 | Enriched Blended learning through virtual experience for Microprocessors and Microcontrollers course | Deepa M M | Online Teaching III | PSG ITAR, TN | Deepa M M (PSG Institute of Technology and Applied Research)*; Santhanamari G (PSG Institute of Technology and Applied Research); Reba P (PSG Institute of Technology and Applied Research); Susithra N (PSG Institute of Technology and Applied Research) |

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| 3.9 | Sunday January 10 from 7:00 to 8:00 pm IST | 249 | PEER INTERACTION TEACHING-LEARNING APPROACHES FOR EFFECTIVE ENGAGEMENT OF STUDENTS IN VIRTUAL CLASSROOM | RAJALINGAM SAKTHIVELSAMY | Online Teaching III | Sunyani Tech U, TN | RAJALINGAM SAKTHIVELSAMY (SUNYANI TECHNICAL UNIVERSITY)*; KANAGAMALLIGA S (Anna University, Chennai); Karuppiah N (VCE); Julius Caesar puoza (SUNYANI TECHNICAL UNIVERSITY) |