Conference Programme

6th World Congress on Engineering and Applications
(WCEA – 2021), Singapore

&

6th International Conference on Business Management, Economics, Social Sciences and Humanities (BMESH – 2021), Singapore

17 - 19 December, 2021

Organized by

Asian Society for Research in Engineering Sciences (ASRES),
SPJ Centre for Multi-disciplinary Research (SCMR)
Conference Programme
(WCEA – 2021 and BMESH – 2021)

Day 1: 17 December, 2021

Opening the conferences: 2100 - 2140 Hours (Singapore local time)

Session I: Joint Inaugural session WCEA – 2021 and BMESH - 2021
Venue: Online using Google meet link https://meet.google.com/nqa-rzvi-sax
Session Coordinator: Prof. Vipin Kumar Tripathi, National Institute of Technology Agartala, India

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Speaker</th>
<th>Theme</th>
</tr>
</thead>
</table>
| 2100 - 2110  | Prof. Vipin Kumar Tripathi  
National Institute of Technology Agartala, India  
**General Co-chair** | Introduction |
| 2110 – 2115  | Prof. Len Gelman  
University of Huddersfield, UK  
**General chair** | Inaugural speech |
| 2115 - 2120  | Prof. Karm Veer Arya  
ABV Indian Institute of Information Technology and Management, Gwalior, India  
**Chair, ICIT - 2021** | Inaugural speech |
| 2120 - 2125  | Prof. Pedro M. B. Silva Girao  
Instituto SuperiorTecnico, Universidade de Lisboa, Lisbon, Portugal  
**Co-chair, ICIT - 2021** | Inaugural speech |
| 2125 - 2130  | Prof. Andreas Nauerz  
Hochschule Mannheim University of Applied Science, Mannheim, Germany  
**Chair, ICAMEM - 2021** | Inaugural speech |
| 2130 - 2135  | Prof. Theo C. Haupt  
Mangosuthu University of Technology, Durban, South Africa  
**Chair, BMESH - 2021** | Inaugural speech |
| 2135 - 2140  | Dr. Clara Evi Citraningtyas  
Universitas Pembangunan Jaya, Indonesia  
**Co-chair, BMESH - 2021** | Inaugural speech |
### Session II: ICIT - 2021

**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Prof. Ciro Rodriguez, Universidad Nacional Federico Villarreal, Lima, Perú

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 2140 - 2200  | ICIT01    | *Fault Identification in Investment Casting Process Using Naive Bayes Method*  
Yatish Subhash Sawant, S. D. Agashe  
College of Engineering, Pune, India |
| 2200 – 2220  | ICIT02    | *Visual perception for smart city defense administration and intelligent premonition framework based on DNN*  
Debosmit Neogi, Nataraj Das, and Suman Deb  
NIT Agartala, India |
| 2220 - 2230  | ICIT03    | *Comparative study of cyber-attacks focused on digital websites*  
Francisco Hilario, José Ogosi, Jorge Mayhuasca, Ciro Rodriguez, Pervis Paredes  
Universidad Nacional Federico Villarreal, Lima, Perú |

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2230 - 2245</td>
<td></td>
<td>Break</td>
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</table>

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<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
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</thead>
</table>
| 2245 - 2330  | Keynote   | *Step forward in higher order signal processing for structural health monitoring: a novel class of nonlinear higher order technique*  
Prof. L. Gelman, Prof. A. Ball  
University of Huddersfield, UK |
|              | Venue     | Online using Google meet link https://meet.google.com/nqa-rzvi-sax |

### Session III: ICIT - 2021

**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Dr. S. S. Ohol, College of Engineering, Pune, India

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
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</thead>
</table>
| 2330 - 2350  | ICIT04    | *Comparative study of practical teaching and learning methods: higher education*  
Neptali Zegarra Salazar, Julio Raúl Cantera Ríos, Ilich Ivan Pumacay Palomino, Francisco Manuel Hilario Falcón  
University César Vallejo, Lima, Perú |
| 2350 – 0010  | ICIT05    | *COVID-19 & Pneumonia Detection using Multi Model Fusion*  
Saurabh Agarwal, K.V. Arya  
ABV-Indian Institute of Information Technology & Management, Gwalior, India |
<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
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</tr>
</thead>
</table>
| 0040 - 0100 | ICIT07    | *Multi-Stage Edge Detection for Generative Spatial Robotic Art Work*  
Sukanya Nag, Deepsikha Bhattacharjee, Archisman Bhaumik, Suman Deb |
| 0100 – 0120 | ICIT08    | *The Performance Parameter Analysis and Calibration Methodology for the Industrial Robot*  
Ravindra Shinde, S. S. Ohol  
College of Engineering, Pune, India |
| 0120 - 0140 | ICIT09    | *Evaluation of free technologies, as tools for business process management (BPM)*  
Julio Sotomayor, Daniel Yucra, Jorge Mayhuasca  
National University Federico Villarreal, Peru |
Day 2: 18 December, 2021

Session V: ICIT - 2021  
**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Daniel ALEJANDRO YUCRA SOTOMAYOR, Scientific University of the South, Peru

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</thead>
</table>
| 1100 - 1120  | ICIT10    | Algorithm based on Decision Trees for the optimal choice of the Peruvian Pension System  
José Ogosi, Francisco Hilario, Jorge Mayhuasca, Ciro Rodriguez, Pervis Paredes  
Universidad Nacional Federico Villarreal, Lima, Perú |
| 1120 – 1140  | ICIT11    | Development of EMS for Hybrid Electric Two Wheeler  
Aniket H. Nandede¹, Yogesh K. Bhateshwar², Kamal C. Vora²  
¹College of Engineering Pune, India, ²Arai Academy Pune, India. |
| 1140 - 1200  | ICIT12    | Soft Robotic Actuators  
Owee Angare, Arati V Mulay  
College of Engineering, Pune |

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1200 - 1330</td>
<td></td>
<td>Lunch Break</td>
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</tbody>
</table>

Session VI: ICAMEM - 2021  
**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Dr. M. G. Karnik, College of Engineering Pune

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
</table>
| 1330 - 1350  | AMEM01    | Simulation of an active suspension control for frequency response from road vibrations using H-infinity synthesis and validation for robust operation using μ-synthesis  
Rohan Kolarkar, M. G. Karnik  
College of Engineering Pune, India |
| 1350 – 1410  | AMEM02    | Biopolymer based composites - a review  
Chaiki Malakar, V.K.Tripathi  
National Institute of Technology Agartala, India |
| 1410 - 1430  | AMEM03    | Holistic testing of single-and Multi-track Cargo bikes  
Andreas Nauerz  
Hochschule Mannheim University of Applied Science, Mannheim, Germany |

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</thead>
<tbody>
<tr>
<td>1430 -1440</td>
<td></td>
<td>Break</td>
</tr>
</tbody>
</table>
### Session VII: ICAMEM - 2021

**Venue:** Online using Google meet link [https://meet.google.com/nqa-rzvi-sax](https://meet.google.com/nqa-rzvi-sax)

**Session Chair:** Dr. Deepak Sharma, Indian Institute of Technology, Guwahati

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
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</table>
| 1440 - 1500  | AMEM04     | Modelling of foot-operated dual side material filing machine using crank and slotted lever quick return mechanism  
Rohan Sharma, Nishant Chaubey  
National Institute of Technology Agartala, India |
| 1500 – 1520  | AMEM06     | Design and Conceptualization Driver in loop Simulator for ADAS Verification and Validation  
Atul Chougale, S.S. Pardeshi  
College of Engineering Pune, India |
| 1520 - 1540  | AMEM08     | Model based Verification and Validation of LiDAR sensor  
1Aditya Madane, 2Nilesh Sakle  
1College of Engineering Pune, 2Automotive Research Association of India Academy, Pune |
| 1540 - 1550  |            | Break         |

**Keynote Speech**

*Digital Twins in Manufacturing*  
Dr. Milind Siddhpura,  
Engineering Institute of Technology (EIT), Perth, Australia

**Venue**

Online using Google meet link [https://meet.google.com/nqa-rzvi-sax](https://meet.google.com/nqa-rzvi-sax)

### Session VIII: ICAMEM - 2021

**Venue:** Online using Google meet link [https://meet.google.com/nqa-rzvi-sax](https://meet.google.com/nqa-rzvi-sax)

**Session Chair:** Prof. Andreas Nauerz, Hochschule Mannheim University of Applied Science,  
Mannheim, Germany

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
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</tr>
</thead>
</table>
| 1630 - 1650  | AMEM11     | Simulation of CRDI Vehicle and Effect of After treatment Devices  
Nikhil Bondre, Vikrant Haribhakta  
College of Engineering Pune |
| 1650 – 1710  | AMEM12     | Vibrational analysis of electric vehicle chassis  
Suyog P. Koli, S. S. Bhavikatti  
College of Engineering Pune |
| 1710 - 1730  | AMEM13     | Life Cycle Analysis of Genetic Algorithm based Optimized Hybrid Energy Storage System  
1Vishal Nitave, 2Yogesh K. Bhateshvar, 3Kamal C. Vora  
1College of Engineering Pune, 2,3Automotive Research Association of India Academy, Pune |
### Session IX: Allied Fields

**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Dr. Satish Kumar Jain, Shri G.S. Institute of Technology & Science, Indore, India

<table>
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<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 1750 - 1810  | WCEA01    | Analysis and design of graphene based terahertz nano dipole antennas  
1 Arti Shrivastava, 2 S.K. Jain, 3 Shobha Jain  
1,2 Shri G.S. Institute of Technology & Science, Indore, India,  
3 S.V.V.V. Indore, India |
| 1810 - 1830  | WCEA02    | Li-ion battery SOC estimation with combining Coulomb Counting and Open Circuit Voltage using Arduino  
1 Prasad Sudhakar Khindkar, 2 S. A. Patil  
1 College of Engineering Pune, 2 Automotive Research Association of India Academy, Pune |
| 1830 - 1850  | WCEA03    | A Review of Production of Biogas from Kitchen Wastes & Study of Biogas Production from Kitchen Wastes of Aryabhatta Hostel of NIT Agartala  
Bibhab Kumar Lodh, Vipin Kumar Tripathi  
National Institute of Technology Agartala, India |

### Session X: Allied Fields

**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Dr. Satish Kumar Jain, Shri G.S. Institute of Technology & Science, Indore, India

<table>
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<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 1850 - 1910  | WCEA04    | Optical Tweezers for Trapping Sub-micron Sized Particles  
Priyanka Kashikar  
Shri G S Institute of Technology and Science, Indore, India |
| 1910 - 1930  | WCEA05    | Muffler Transmission Loss optimization for a Vehicle using Genetic Algorithm  
Riziyamaalisa Gavit1, Kiran Wani2  
1 College of Engineering Pune, 2 Automotive Research Association of India Academy, Pune |
| 1930 - 1950  | AMEM10    | Sizing and Simulation of Powertrain of Three Wheeler Electric Vehicle  
Omkar Tade, 2 Jyoti Kale  
1 College of Engineering Pune, 2 Automotive Research Association of India Academy, Pune |
**Session XI: BMESH - 2021**

**Venue:** Online Join Zoom Meeting  
https://us02web.zoom.us/j/83753959430?pwd=dGx2dlF4aWNGc1I3K2JtUUhlWTBmUT09

Meeting ID: 837 5395 9430  
Passcode: 057683

**Session Chair:** Dr. Clara Evi Citraningtyas, Universitas Pembangunan Jaya, Indonesia

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
</table>
| 1930 - 1950  | ABM01     | Factors impacting financial intelligence of employees  
Luyolo Mahlangabeza, Cecil Arnolds, Perine Botha  
Nelson Mandela University, Port Elizabeth, South Africa |
| 1950 - 2010  | ABM02     | Pursuit of Positive Feedback Trading in Utility Tokens  
\(^1\)Sıtkı Sönmez, \(^2\)GulsahGencerÇelik  
\(^1\)Istanbul Ticaret University, Istanbul, Turkey, \(^2\)Beykent University, Istanbul, Turkey |
| 2010 - 2030  | ABM03     | Communication Models During the COVID-19 Pandemic and Its  
Post-Pandemic Implications: A Comparison of "Digital Natives" and "Digital Immigrants"  
Clara Evi Citraningtyas  
Universitas Pembangunan Jaya, Indonesia |

**Session XII: BMESH - 2021**

**Venue:** Online Join Zoom Meeting  
https://us02web.zoom.us/j/83753959430?pwd=dGx2dlF4aWNGc1I3K2JtUUhIWTBmUT09

Meeting ID: 837 5395 9430  
Passcode: 057683

**Session Chair:** Prof. Theo C. Haupt, Mangosuthu University of Technology, Durban, South Africa

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
</table>
| 2030 - 2050  | ABM04     | Antecedents of Representative Bias and Choice Decision; A Case  
of Major Cities of Pakistan  
Muhammad Awais  
Foundation University Islamabad, Rawalpindi Campus (FURC), Pakistan |
| 2050 - 2110  | ABM05     | Investigating the effect of business education on the individual  
growth of adolescent entrepreneurship in Iran  
Mahdieh Abadooz |
### Keynote Speech

**Solving multiple objective nonconvex programming problems with equality constraints: A genetic algorithm approach**

Rabin K. Jana  
Operations & Quantitative Methods Area, Indian Institute of Management Raipur, India

**Venue**  
Online Join Zoom Meeting  
https://us02web.zoom.us/j/83753959430?pwd=K2JtUUhIWTBmUT09  
Meeting ID: 837 5395 9430  
Passcode: 057683

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### Keynote Speech

**Particle Swarm Optimization: A Global Optimizer**

Dr. Deepak Sharma  
Indian Institute of Technology, Guwahati, India

**Venue**  
Online using Google meet link https://meet.google.com/nqa-rzvi-sax

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**Session XIII: ICIT-2021**

**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax  
**Session Chair:** Dr. Santos Sotelo Antaurco, Federico Villareal National University, Lima, Peru

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 2240 - 2300  | ICIT13    | *DepressNet: A Multimodal Hierarchical Attention Mechanism approach for Depression Detection*  
Guramritpal Singh Saggu, Keshav Gupta, K. V. Arya, Ciro Rodriguez Rodriguez  
1ABV-Indian Institute of Information Technology and Management, Gwalior, India, 4Universidad Nacional Mayor de San Marcos, Lima, Peru|
| 2300 - 2320  | ICIT14    | *Electric Vehicle Control System by using Controller Area Network Communication*  
Abhishek A. Sase, Yogesh K. Bhateshvar, Kamal C. Vora  
1College of Engineering Pune, 2,3Automotive Research Association of India Academy, Pune|
| 2320 - 2340  | ICIT15    | *Development of Low-cost Adaptive Cruise Control System for Automatic Transmission vehicle for Low-speed Operations*  
Aniruddha Sonawane, S.S.Ohol  
College of Engineering Pune|

| 2340 - 2350 | Break |
Session XIV: ICIT- 2021
**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax
**Session Chair:** Dr. Suman Deb, National Institute of Technology Agartala, India

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
</table>
| 2350 - 0010  | ICIT16    | *Quantum Technologies for Digital Transformation and Informatica Security*  
Jorge Mayhuasca, Santos Sotelo  
Federico Villareal National University, Lima, Peru |
| 0010 - 0030  | ICIT17    | *Two Legs Balancing with Appropriate Gait Cycle and Its Simulation for Combined Motion Analysis*  
Shantanu Bharad, S.S.Ohol  
College of Engineering Pune |
| 0030 - 0050  | ICIT18    | *In-pipe Inspection Robot for Varying Pipe Sizes*  
Atul Gargade, Shantipal Ohol  
College of Engineering Pune |

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<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>0050 - 0100</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

Session XV: ICIT- 2021
**Venue:** Online using Google meet link https://meet.google.com/nqa-rzvi-sax
**Session Chair:** Francisco Manuel Hilario Falcon, University César Vallejo, Lima, Perú

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
</thead>
</table>
| 0100 - 0120  | ICIT19    | *Influence of 360° Modeling in Real Estate Leasing*  
Karin ROJAS, Rogelio COHELLO, Jorge Mayhuaca, José Coveña, Miguel, SALCEDO  
Universidad Nacional Federico Villareal, Lima, Perú |
| 0120 - 0140  | ICIT20    | *Impact on industrial robot calibration due to techno-commercial aspects in conventional industrial robot calibration methods*  
Sumedh N Chiwande, Shantipal S Ohol  
College of Engineering Pune |
| 0140 - 0200  | ICIT21    | *Regenerative Evaporative Air Conditioning System for Automotive Application*  
Bhavesh P Dere, S.B. Patil  
College of Engineering Pune |
## Parallel Sessions

### Session XVI: ICIT- 2021

**Venue:** Online using Google meet link https://meet.google.com/nvm-pons-emx  
**Session Chair:** Dr. Shantipal S. Ohol, College of Engineering Pune

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
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</tr>
</thead>
</table>
| 2240 - 2300  | ICIT22    | *Autonomous RFID Controlled Assisting Robot for Isolation Wards*  
Lalit Duseja, Yash Deshmukh, Shantanu Karmuse, S. S. Ohol  
College of Engineering Pune |
| 2300 - 2320  | ICIT23    | *Mobile Augmented Reality applied as a learning strategy for early childhood education students*  
Iván Petrlik, Jorge Mayhuasca, Ciro Rodríguez, José Coveñas, Roberto Esparza  
National University Federico Villarreal, Lima, Perú |
| 2320 - 2340  | ICIT24    | *Design & Development of a Multi-finger Prosthetic Robotic hand*  
S.S. Ohol, Arya Arasan, Samarth Chaudhari, Poorval Wanere, Rushikesh Pabalkar, Chetan Pathrabe  
College of Engineering Pune |

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<tbody>
<tr>
<td>2340 - 2350</td>
<td></td>
<td><strong>Break</strong></td>
</tr>
</tbody>
</table>

### Session XVII: ICIT- 2021

**Venue:** Online using Google meet link https://meet.google.com/nvm-pons-emx  
**Session Chair:** Prof. Sudeep Tanwar, Nirma University, Ahmadabad, India

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 2350 - 0010  | ICIT25    | *The use of Edublog as a methodological tool in achieving learning situated in the university context*  
Carmen Angélica Salazar Deza, Tomás Francisco Rosales León, Santiago Saturnino Patricio Aparicio, Jorge Victor Mayhuasca Guerra, Francisco Manuel Hilario Falcón  
Federico Villarreal National University, Lima, Peru |
| 0010 - 0030  | ICIT26    | *ROS based Compact Mobile Robot for Area Mapping, Autonomous Navigation and Path Planning*  
Aniruddha Gaikwad, Mihir Kulkarni1, Anuja Agnihotri, Samruddhi Purohit, Shantipal Ohol  
College of Engineering Pune |
| 0030 - 0050  | ICIT28    | *Chat bot for e-safety learning*  
Rogelio Cohello, Karin Rojas, Roberto Esparza, Jorge Mayhuasca  
Federico Villarreal National University, Lima, Peru |
Session XVIII: ICIT- 2021

Venue: Online
Online using Google meet link https://meet.google.com/nvm-pons-emx

Session Chair: Prof. Karm Veer Arya, ABV Indian Institute of Information Technology and Management, Gwalior, India

<table>
<thead>
<tr>
<th>Time (Hours)</th>
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</tr>
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</table>
| 0100 - 0120  | ICIT29    | Development of Robotic Arm Manipulator mounted on Self Balancing Two Wheeled Mobile Robot
Pranay Junare, Shaunak Mahajan, Prithvish Taukari, Anirudh Nallawar, Shantipal Ohol College of Engineering Pune, India |
| 0120 - 0140  | ICIT30    | Formative evaluation of schoolchildren in times of pandemics
María Johana Valle Zevallos, Francisco Manuel Hilario Falcón, Ilich Ivan Pumacayo Palomino
University César Vallejo, Lima, Perú |
| 0140 - 0200  | ICIT31    | M-learning based on the problem solving method in the achievement of mathematical competence in alternative basic education students
Cesar Leon, Iván Petrlik, Jorge Mayhusca, Ciro Rodriguez, José Coveñas
National University Federico Villarreal, Lima, Perú |
**Day 3: 19 December, 2021**

**Session XIX: ICIT- 2021**

**Venue:** Online using Google meet link [https://meet.google.com/nqa-rzvi-sax](https://meet.google.com/nqa-rzvi-sax)

**Session Chair:** Prof. Vipin Kumar Tripathi, National Institute of Technology Agartala, India

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<th>Time (Hours)</th>
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</table>
| 2030 - 2050  | ICIT38    | *Modeling of Robotic hand for Industrial Application*  
Amir Hussain, Badavath Sanjeeva  
National Institute of Technology Agartala, Tripura, India |
| 2050 - 2110  | ICIT39    | *Critical factors for defining the architecture of distributed neural networks, using Tensorflow*  
1Daniel Yucra, 2Julio Sotomayor, 3Jorge Mayhuasca, 4Antonio Arroyo, 5Carmen Chicasaca, 6Wilson Marin  
1Scientific University of the South, 2,3 National University Federico Villarreal, 4National University of the Altiplano, 5Alas Peruanas University, 6César Vallejo University, Peru |
| 2110 - 2130  | ICIT40    | *Trajectory automation for 3-wheel omni-directional mobile robot*  
Abhishek Tambe, Mudit Single, Rahul Seshadri  
College of Engineering Pune |
| 2130 - 2150  | ICIT41    | *Use of digital media for teaching in distance education*  
Sandra Paola Tello Peramas, Lenny Giovanna Herrera Sandoval, Juan José Tello Peramas, Francisco Manuel Hilario Falcón, Ilich Ivan Pumacayo Palomino  
University César Vallejo, Lima-Perú |
| 2150 - 2200  |           | Break |
| 2200 - 2240  | **Keynote Speech** | Green communication & devices towards a future of wdm-pof network with user and environmental friendly  
Mohammad Syuhaimi Ab-Rahman  
Universiti Kebangsaan Malaysia |
|              | **Venue** | Online using Google meet link [https://meet.google.com/nqa-rzvi-sax](https://meet.google.com/nqa-rzvi-sax) |
Session XX: ICIT- 2021
Venue: Online using Google meet link https://meet.google.com/nqa-rzvi-sax
Session Chair: Prof. Pedro M. B. Silva Girao, Instituto Superior Tecnico, Universidade de Lisboa, Lisbon, Portugal

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<tr>
<th>Time (Hours)</th>
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<tbody>
<tr>
<td>2240 - 2300</td>
<td>ICIT32</td>
<td>Qualitative flexural modulus analysis for establishing appropriateness of pig femur bone for biomedical experimentation about automatic alignment of fractured femur bone of human using controlled angular/linear incremental motion. Pankaj S. Aglawe, Shantipal S. Ohol, Subodh Gade College of Engineering Pune, India</td>
</tr>
<tr>
<td>2300 - 2320</td>
<td>ICIT33</td>
<td>Comparative study of methods to control stress and anxiety in teachers during COVID-19 Delia María Felix Patiño, Francisco Manuel Hilario Falcón, Carmen Rosa Ascarruz Mejia, Ilich Ivan Pumacayo Palomino, Mary Cruz Hernández Aguilar University César Vallejo, Lima, Perú</td>
</tr>
<tr>
<td>2320 - 2340</td>
<td>ICIT34</td>
<td>Optimize Communication (voice-data) with Segmented IP Telephony Jorge Mayhuasca, Santos Sotelo Federico Villareal National University, Lima, Peru</td>
</tr>
</tbody>
</table>

2340 - 2350   | Break     |

Session XXI: ICIT- 2021
Venue: Online using Google meet link https://meet.google.com/nqa-rzvi-sax
Session Chair: Prof. Sanjay Garg, Indrashil University, Gujrat

<table>
<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2350 - 0010</td>
<td>ICIT35</td>
<td>A low latency self-balancing algorithm for real-time quadrupedal robots, suitable for navigating unstable, rapidly deforming environments Mudit Singal, S. S. Ohol College of Engineering Pune</td>
</tr>
<tr>
<td>0010 - 0030</td>
<td>ICIT36</td>
<td>Comparative study of methods based on family-centered early care Carmen Rosa Ascarruz Mejia, Francisco Manuel Hilario Falcón, Juan Méndez Vergaray, Delia María Felix Patiño, Ilich Ivan Pumacayo Palomino University César Vallejo, Lima, Perú</td>
</tr>
</tbody>
</table>
Comparison of methods to elaborate essays focused on the area of social sciences in educational institutions
Mary Cruz Hernández, Francisco Manuel Hilario Falcón, Delia María Félix Patiño, Luis Vladimir Codarlupo Dávalos, Ilich Ivan Pumacayo Palomino
University César Vallejo, Lima, Perú

Session XXII: ICIT- 2021
Venue: Online using Google meet link https://meet.google.com/nqa-rzvi-sax
Session Chair: Prof. Audithan Sivaraman, Netaji Subhash University of Technology, New Delhi

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<thead>
<tr>
<th>Time (Hours)</th>
<th>Paper No.</th>
<th>Paper details</th>
</tr>
</thead>
</table>
| 0100 - 0120 | ICIT42    | *School dropout in times of virtual revolution*
|             |           | Marlyn Danila Pérez Chichepe, Francisco Manuel Hilario Falcón, Ilich Ivan Pumacayo Palomino
|             |           | University César Vallejo, Lima, Perú |
| 0120 - 0140 | ICIT43    | *Use of virtual tools to develop reading animation and comprehension through gamification for learning*
|             |           | Lenny Giovanna Herrera Sandoval, Sandra Paola Tello Peramas, Juan José Tello Peramas, Francisco Manuel Hilario Falcón, Ilich Ivan Pumacayo Palomino
|             |           | University César Vallejo, Lima, Perú |
| 0140 - 0200 | ICIT44    | *Study of aerodynamic behavior of a symmetrical airfoil in a low wind speed region*  
|             |           | ¹Pranoti Shinde, ²S. S. Ohol, ³Vipin K. Tripathi  
|             |           | ¹,²College of Engineering Pune, ³National Institute of Technology Agartala, India |

Conference Sessions end here

Important instructions

- Due to non-availability of the visa to the most of foreign participants and quarantine rules of Singapore Government, the conferences will be organized in online mode. A Google meet link and Zoom meeting links are given for the respective sessions. The participants can join the conference by clicking the link and asking to join, or using meeting pass code.
- All the registered participants are allowed to join all the sessions from all the conferences as per their choice.

- The sessions may be preponed due to last minute rearrangements, if needed. Hence, the participants are requested to be ready for presentation at least a session before their session in the conference programme.

- All the time slots in the conference programme are as per Singapore local time. Hence, the participants are requested to adjust the time difference for their country and join the sessions accordingly.

- Soft copy of the certificates and conference proceedings will be sent to the participants by Email after the conference.

*****All the best. Enjoy the conferences.*****