



AMITY UNIVERSITY RAJASTHAN

International Conference on
Sustainable Computing in Science, Technology and Management
February 26 - 28, 2019



PROGRAMME OUTLINE

| Day 1: February 26, 2019 (Tuesday) | | | | | |
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| Time | Session | Venue | | | |
| 0830-0930 hrs | REGISTRATION | Reception Block-A | | | |
| 0930-1100 hrs | INAUGURAL CEREMONY | Auditorium Block-A | | | |
| 1100-1130 hrs | HI-TEA [Moot Court, 2 nd Floor, Block- A] | | | | |
| 1130-1205 hrs KEYNOTE ADDRESS-1 | Topic: Artificial Intelligence and Computational Systems Biology Chair: Dr. Basant Agarwal Associate Professor, SKIT, Jaipur, India Speaker: Dr. Madhu Chetty Information Technology School of Science, Engineering and IT Federation University, Australia | Auditorium Block-A | | | |
| 1205-1240 hrs KEYNOTE ADDRESS-2 | Topic: Blockchains in Distributed Computing Chair: Dr. Surendra Sunda, Assistant General Manager, Space Applications Centre, ISRO, Ahmedabad, India Speaker: Prof. Subhash Bhalla Professor, Database Systems Laboratory, Department of Computer Software, University of Aizu - Japan | Auditorium Block-A | | | |
| 1240-1315 hrs KEYNOTE ADDRESS-3 | Topic: Human Pedagogy in Relation with Computing, Management, Science and Technology Chair: Prof. J. P. Verma Professor and Dean (Students' Welfare), Lakshmibai National Institute of Physical Education Deemed University, Gwalior, M.P., India Speaker: Dr. Marina Targakova Vice President, International Centre of Humane Pedagogy, Kazakhstan Speaker: Mr. Sergey Avakov Head of the Russian Branch IIFAST | Auditorium Block-A | | | |
| 1315-1415 hrs | NETWORKING LUNCH [Moot Court, 2 nd Floor, Block- A] | | | | |
| 1415-1445 hrs PARALLEL INSIGHT | <table border="1"> <tr> <td> Insight-1: An Insight Data Rights & Wrongs Speaker: Dr. Dilip Kumar Ghosh, Professor, Saurashtra University, Rajkot - Gujarat, India Venue: Block- A, LT-01 </td> <td> Insight-2: An Insight on Need of low cost sensor based instruments for air quality monitoring Speaker: Dr. Balbir Singh, President, M/s Envirotech Instruments Pvt Ltd, New Delhi, India Venue: Block- A, LT-02 </td> <td> Insight-3: Design Issues in developing experimental studies Speaker: Prof. J. P. Verma, Professor and Dean (Students' Welfare), Lakshmibai National Institute of Physical Education Deemed University, Gwalior, M.P., India Venue: Block- A, LT-11 </td> </tr> </table> | Insight-1: An Insight Data Rights & Wrongs Speaker: Dr. Dilip Kumar Ghosh, Professor, Saurashtra University, Rajkot - Gujarat, India Venue: Block- A, LT-01 | Insight-2: An Insight on Need of low cost sensor based instruments for air quality monitoring Speaker: Dr. Balbir Singh, President, M/s Envirotech Instruments Pvt Ltd, New Delhi, India Venue: Block- A, LT-02 | Insight-3: Design Issues in developing experimental studies Speaker: Prof. J. P. Verma, Professor and Dean (Students' Welfare), Lakshmibai National Institute of Physical Education Deemed University, Gwalior, M.P., India Venue: Block- A, LT-11 | |
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| 1445-1615 hrs PARALLEL SESSION | Session-1 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Mukesh Gupta & Dr. Amit Gupta Venue Block- A, LT-01 | Session-2 Sustainable Cloud Computing <u>Session Chair(s)</u> Dr. Shakti Kundu & Dr. Pranav Dass Venue Block- A, LT-02 | Session-3 Sustainable Computer Networks <u>Session Chair(s)</u> Maj. Gen. (Dr.) S. C. Jain & Prof.(Dr.) A. K. Upadhyay Venue Block- A, LT-11 | Session-4 Sustainable Computing <u>Session Chair(s)</u> Dr. Surendra Sunda & Dr. Meenakshi Tripathi Venue Block- A, LT-12 | Session-5 Sustainable Engineering <u>Session Chair(s)</u> Dr. Raja Brij Bhushan & Mr. Sumit Singh Dhanda Venue Block- A, LT-21 | Session-6 IT Issues & Challenges in Management <u>Session Chair(s)</u> Dr. Madhu Sharma & Dr. Jyoti Singh Rajoria Venue Block- A, LT-22 |
| 1615-1630 hrs | TEA BREAK [Moot Court, 2 nd Floor, Block- A] | | | | | |
| Time | Session | | | | | |
| 1630-1800 hrs PARALLEL SESSION | Session-7 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Mukesh Gupta & Dr. Amit Gupta Venue Block- A, LT-01 | Session-8 Sustainable Computing <u>Session Chair(s)</u> Dr. Surendra Choudhary & Dr. Jyoti Singh Rajoria Venue Block- A, LT-02 | Session-9 Sustainable Computing <u>Session Chair(s)</u> Maj. Gen. (Dr.) S. C. Jain & Prof. (Dr.) A. K. Upadhyay Venue Block- A, LT-11 | Session-10 Cyber Physical Systems <u>Session Chair(s)</u> Prof. C. M. Choudhary & Dr. Basant Agarwal Venue Block- A, LT-12 | Session-11 Sustainable Electronics & Communication <u>Session Chair(s)</u> Dr. Surendra Sunda & Dr. Meenakshi Tripathi Venue Block- A, LT-21 | Session-12 Emerging Science <u>Session Chair(s)</u> Dr. Umesh Kr. Dwivedi & Dr. Rahul Singhal Venue Block- A, LT-22 |
| 1900 hrs onwards | CULTURAL EVENT | | | | | Auditorium Block-A |
| 2000 hrs | DINNER [Faculty Club-Invitees] [SRC Building, 2 nd Floor -Authors] | | | | | |

| Day 2: February 27, 2019 (Wednesday) | | | | | | |
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| Time | Session | | | | | Venue |
| 0900-0930hrs | BREAKFAST [Moot Court, 2 nd Floor, Block- A] | | | | | |
| 0930-1000hrs KEYNOTE ADDRESS-4 | Topic: Cognitive Internet of Things: Concepts, Applications, and security Challenges Chair: Dr. Yogendra Singh Co- Founder, Forsk Technology, India Speaker: Dr. Wael M El-Medany Associate Professor, University of Bahrain, Bahrain | | | | | Auditorium Block-A |
| 1000-1030 hrs PARALLEL INSIGHT | Insight-4: An Insight on reliability in software engineering Speaker: Prof. H. C. Taneja, Professor, Delhi Technical University, New Delhi, India Venue Block- A, LT-01 | Insight-5: An Insight on Operational Research Speaker: Prof. J. P. Singh Joorel, Director, INFLIBNET, Gandhi Nagar Gujarat, India Venue Block- A, LT-02 | Insight-6: An Insight on Need of Sustainable Computing for High Power Microwave Devices Speaker: Dr. Vishnu Srivastava, Emeritus Scientist, CSIR-CEERI, Pilani, India Venue Block- A, LT-11 | Insight-7: An Insight on Challenges of Sustainable Technologies Speaker: Prof. Reena Dadhich, HoD, Professor, Department of Computer Science and Informatics, University of Kota, Rajasthan, India Venue Block- A, LT-12 | Insight-8: An Insight on Artificial Intelligence for Engineers & Managers Speaker: Ms. Dinar Baidala Partner, Dubai & Dr. Salima D. Yeleupova, Kazaahstan Venue LT-21 | |

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| 1030–1215 hrs PARALLEL SESSION | Session-13 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Ramanathan L & Dr. Rajkumar Soundrapandiyan Venue Block- A, LT-01 | Session-14 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Kavita Choudhary & Dr. Arpita Banerjee Venue Block- A, LT-02 | Session-15 Sustainable Cloud Computing <u>Session Chair(s)</u> Dr. Anand Kumar Pandey & Ms. Rashmi Pandey Venue Block- A, LT-11 | Session-16 Sustainable Computing <u>Session Chair(s)</u> Prof. Hardeep Singh & Dr. Ashish kr. Luhach Venue Block- A, LT-12 | Session-17 Sustainable Electronics & Communication <u>Session Chair(s)</u> Dr. Surendra Choudhary & Pankaj Dadheech Venue Block- A, LT-21 | Session-18 Emerging Science <u>Session Chair(s)</u> Dr. S. R. Vishnoi & Dr. Dheeraj Rathore Venue Block- A, LT-22 | Session-19 Emerging Science <u>Session Chair(s)</u> Prof. B. R. Bamniya & Dr. Harish Mangesh Venue Block- A, Audi |
| 1215–1315 hrs PARALLEL SESSION | Session-20 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Ramanathan L & Dr. Rajkumar Soundrapandiyan Venue Block- A, LT-01 | Session-21 Sustainable Computer Networks <u>Session Chair(s)</u> Dr. Pradeep Kr. Sharma & Dr. Anup Singh Banasthali Venue Block- A, LT-02 | Session-22 Sustainable Computing <u>Session Chair(s)</u> Prof. Rakesh Yadav & Dr. Krishan Kant Singh Gautam Venue Block- A, LT-11 | Session-23 Cyber Physical Systems <u>Session Chair(s)</u> Dr. Sylvester Fernandes & Dr. Yogendra Singh Venue Block- A, LT-12 | Session-24 Emerging Science <u>Session Chair(s)</u> Dr. Deepak Gupta & Dr. Ashish Khanna Venue Block- A, LT-21 | Session-25 IT Issues & Challenges in Management <u>Session Chair(s)</u> Dr. Vivek Kr. Sharma & Dr. Geetika Vyas Venue Block- A, LT-22 | |
| 1315–1415 hrs | NETWORKING LUNCH [Moot Court, 2 nd Floor, Block- A] | | | | | | |
| 1415–1630 hrs PARALLEL SESSION | Session-26 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Surendra Choudhary & Pankaj Dadheech Venue Block- A, LT-01 | Session-27 Sustainable Cloud Computing <u>Session Chair(s)</u> Dr. Pradeep Kr. Sharma & Dr. Anup Singh Banasthali Venue Block- A, LT-02 | Session-28 Sustainable Computing <u>Session Chair(s)</u> Dr. Vivek Kr. Sharma & Dr. Geetika Vyas Venue Block- A, LT-11 | Session-29 Cyber Physical System <u>Session Chair(s)</u> Dr. Sylvester Fernandes & Dr. Yogendra Singh Venue Block- A, LT-12 | Session-30 Sustainable Electronics & Communication <u>Session Chair(s)</u> Dr. Manish Suroliya & Dr. Deepak Sihag Venue Block- A, LT-21 | Session-31 Sustainable Engineering <u>Session Chair(s)</u> Dr. Rajeev Dohare & Dr. Vaibhaw Vyas Venue Block- A, LT-22 | Session-32 Statistics <u>Session Chair(s)</u> Dr. Anil Kumar Bhardwaj Venue Block- A, Audi |
| 1630–1645 hrs | TEA BREAK [Moot Court, 2 nd Floor, Block- A] | | | | | | |
| 1645 Onwards | GALA DINNER AT PRIDE AMBER VATIKA, TONK ROAD (Bus Departure for Venue) | | | | | | |



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PROGRAMME OUTLINE

| Day 3: February 28, 2019 (Thursday) | | | | | | |
|---|---|--|---|---|---|---|
| Time | Session | | | | | Venue |
| 0900-0930hrs | BREAKFAST [Moot Court, 2 nd Floor, Block- A] | | | | | |
| 0930-1000 hrs PARALLEL INSIGHT | Insight-9: An Insight on Parametric Optimization of Erosive Wear Response of HVOF Coated Aluminium Alloy Using Taguchi Method Speaker: Dr. Amar Patnaik, Associate Professor, MNIT, Jaipur, India Venue: Block- A, LT-01 | Insight-10: An Insight on Statistics Vs. Data Science Speaker: Dr. Pankaj Nagar, Director, UCCS & IT, University Of Rajasthan, Jaipur, India Venue: Block- A, LT-02 | Insight-11: An Insight on the breakthroughs in wireless communication Speaker: Dr. Nitesh, Purohit, Associate Professor, IIIT, Allahabad, India Venue: Block- A, LT-11 | | | |
| 1000-1145 hrs PARALLEL SESSIONS | Session-33 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Ravi Raj Choudhary & Dr. Gaurav Meena Venue Block- A, LT-01 | Session-34 Sustainable Cloud Computing <u>Session Chair(s)</u> Prof. Deepak Dembla & Dr. Dinesh Kumar Venue Block- A, LT-02 | Session-35 Sustainable Computer Networks <u>Session Chair(s)</u> Dr. Ajay Jangra, & Dr. Sunil Nain Venue Block- A, LT-11 | Session-36 Cyber Physical System <u>Session Chair(s)</u> Dr. Anand Sharma & Dr. Vikram Jain Venue Block- A, LT-12 | Session-37 Sustainable Electronics & Communication <u>Session Chair(s)</u> Dr. S. N. Sridhara, & Dr. Avinash Sharma Venue Block- A, LT-21 | Session-38 Sustainable Engineering <u>Session Chair(s)</u> Dr. Amar Patnaik & Dr. Vikas Kukshal Venue Block- A, LT-22 |
| 1145-1215 hrs KENOTE ADDRESS-5 | Topic: Blockchains in Distributed Computing Chair: Prof. V.S. Dhaka, Professor, Manipal University, India Speaker: Prof. Sharda S. Nandram Professor, Nyenrode Business University, Breukelen, Netherlands | | | | | Auditorium Block-A |
| 1215-1315 hrs PARALLEL SESSIONS | Session-39 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Ravi Raj Choudhary & Dr. Gaurav Meena Venue Block- A, LT-01 | Session-40 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Prof. Deepak Dembla & Dr. Dinesh Kumar Venue Block- A, LT-02 | Session-41 Artificial Intelligence for Sustainability <u>Session Chair(s)</u> Dr. Ajay Jangra & Dr. Sunil Nain Venue Block- A, LT-11 | Session-42 Sustainable Computing <u>Session Chair(s)</u> Dr. Anand Sharma & Dr. Vikram Jain Venue Block- A, LT-12 | Session-43 Emerging Science <u>Session Chair(s)</u> Dr. Sushant Upadhyay & Dr. Aarti Vaish Venue Block- A, LT-21 | Session-44 IT Issues & Challenges in Management <u>Session Chair(s)</u> Prof. (Dr) Prashant Sahai Saxena & Dr. Vishwambhar Pathak Venue Block- A, LT-22 |
| 1315-1415 hrs | NETWORKING LUNCH [Moot Court, 2 nd Floor, Block- A] | | | | | |
| 1500-1630 hrs | VALEDICTION | | | | | Auditorium, Block-A |
| 1630-1700 hrs | HI-TEA [Moot Court, 2 nd Floor, Block- A] | | | | | |