

PROGRAM SCHEDULE FOR INTERNATIONAL CONFERENCE ON INNOVATIONS IN CLEAN ENERGY TECHNOLOGIES, 2020

ENERGY CENTRE, MANIT BHOPAL

DAY 1 (27 August 2020)

| Session no. | Timing | Session coordinator | Session Chair | Paper ID |
|---|-----------------|---------------------|--|---|
| 10:00AM-12:00PM - Inaugural session | | | | |
| 12:00PM-12:30PM - Key Note Lecture 3 by: Dr. Puneet Verma, Air Quality Scientist, Trinity Consultants, Australia | | | | |
| 12:30PM – 01:30PM – Lunch Break | | | | |
| Session 1 | 1:30PM-3:30PM | Dr. Archana Soni | Dr. VSKV Harish Dr. Amit Sant | 20,29,41,53,57,68,92,104,129,134,185 |
| Session 2 | | Dr. Gaurav Dwivedi | Dr. Anant K Rai Dr. Ali Abbas | 33,48,49,67,99,122,148,149, 155,175,191 |
| 3:30PM-4:00PM - Key Note Lecture 4 by: Dr. Lalit Singh, Scientist, NPCIL-BARC, Department of Atomic Energy, Govt. of India | | | | |
| Session 3 | 4:00PM-6:00PM | Dr. Archana Soni | Dr. Anuj Kumar Dr. Ravi Kumar | 23,28,44,46,52,60,61,62,78,86,111 |
| Session 4 | | Dr. Gaurav Dwivedi | Dr. Gopal Nandan Dr. Arun K Behura | 8,11,14,47,58,73,118,119,157,174,M26 |
| Session 5 | 6:00 PM onwards | Dr. Gaurav Dwivedi | Dr. Farhad Ilahi Bakhsh Dr. Kushal Jagtap | 17,18,34,37,43,102,142,144,147,M15, M23, M14 |
| Special Session for Materials Today | 6:00 PM onwards | Dr. Archana Soni | Dr. Mohammad Taufik Dr. Sudhanshu Kumar | M1 to M12 |

- Note:** 1. All session links will be sent to Individual Email ID in next coming days.
2. No request will be entertained for any change in the Presentation schedule.
3. Material Today papers are named as M1, M2 and so on. List is enclosed in last page.

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Coordinators:


Dr. Prashant Baredar


Dr. Archana Soni


Dr. Gaurav Dwivedi

**PROGRAM SCHEDULE FOR INTERNATIONAL CONFERENCE ON INNOVATIONS IN CLEAN ENERGY
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ENERGY CENTRE, MANIT, BHOPAL

DAY 2 (28 August 2020)

| Session no. | Timing | Session coordinator | Session Chair | Paper ID |
|---|------------------|---------------------|--|---|
| 9:30AM-10:00AM - Key Note Lecture 5 by: Dr. Amit Sarin , Associate Professor (Physical Sciences) & Incharge (IKGPTU Amritsar Campus), Physical Sciences | | | | |
| Session 6 | 10:00AM-12:00 PM | Dr. Archana Soni | Dr. Pankaj Gohil Dr. Siddharth Jain | 3,12,40,54,69,70,71,90,94,130,172, M25 |
| Session 7 | | Dr. Gaurav Dwivedi | Dr. Anoop K Shukla Dr. Devendra K Patel | 21,24,45,81,114,115,140, 177, 179,193,M17,M24 |
| 12:00PM-12:45PM – Lunch Break | | | | |
| 12:45PM-1:15PM – Key Note Lecture 6 by: Dr. Ali Zare , Faculty of Science Engineering & Built Environment, Deakin University, Australia | | | | |
| Session 8 | 1:30PM-3:30PM | Dr. Archana Soni | Dr. Anurag Chauhan Dr. Rohini Sharma | 82,83,87,88,150,152,154,180,181,186,188, M13 |
| Session 9 | | Dr. Gaurav Dwivedi | Dr. Sunanda Sinha Dr. Subho upadhyay | 76,85,123,124,166,171,176,178,184,M20,M21,M29 |
| 3:30PM-4:00PM – Key Note Lecture 7 by: Dr. Srinivas Tangellapalli , Associate Professor, Dr B R Ambedkar National Institute of Technology, Jalandhar | | | | |
| 4:00PM-4:30PM – Key Note Lecture 8 by: Dr. Olusegun D. Samuel , Lecturer & Post-Graduate Project Co-Ordinator, Mechanical Engineering Department, Federal University of Petroleum Resource, Nigeria | | | | |
| Session 10 | 4:30PM-5:30PM | Dr. Gaurav Dwivedi | Dr. Mukesh Kumar | M27, M28,M16,M18,M19,M22, |

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Material Today: Proceedings papers allotted S. No to Authors

| S.No | Paper Title |
|------|---|
| M1. | Sustainable utilization of rice straw to mitigate climate change: A bioenergy approach |
| M2. | Gesture controlled quadcopter for defence search operations |
| M3. | Design and Development of Low-Cost Photovoltaic Module Characterization Educational Demonstration Tool |
| M4. | TRNSYS Simulation of Flat Plate Solar Collector based Water Heating System in Indian Climatic Condition |
| M5. | Experimental investigation on performance enhancement technique for counter flow solar air collector |
| M6. | Priority based strategic modes of operation and control for renewable energy sources micro-grid |
| M7. | Impact of roof attached PV modules on building performance: A simulation study |
| M8. | A simulation study to evaluate and compare monofacial vs bifacial PERC PV cells and the effect of albedo on bifacial performance |
| M9. | Water diesel emulsified fuel incorporated with different dosing levels of silicon dioxide nanoparticles: Emission and performance features assessment |
| M10. | Green vehicles more a necessity than an option |
| M11. | An Overview of Conventional and Non-Conventional Hydrogen Production Methods |
| M12. | Cfd based analysis of heat transfer and friction characteristics of different rib roughened solar air heater absorber plate |
| M13. | Comparative Study between the Electrical Generators Used in Wind Energy Conversion Systems |
| M14. | Surface modification during electrical discharge machining process : a review |
| M15. | Study of recombination process of lead-free Cesium Titanium (IV) based single halide and mixed halide Perovskite compounds |
| M16. | Experimental investigations on the performance of solar photovoltaic system for different industrial weather conditions with dust accumulation |
| M17. | Performance optimization of a heat pump for high temperature application |
| M18. | Iot based Smart Water Management Systems: A Systematic Review |
| M19. | Extraction of Uncertain Parameters of Single-Diode Photovoltaic Module using Hybrid Particle Swarm Optimization and Grey Wolf Optimization Algorithm |
| M20. | Urban Sprawl of Kota City: A Case Study of Urban Heat Island Linked with Electric Consumption |
| M21. | Fredkin Gate based Energy Efficient Reversible D Flip Flop Design in Quantum dot Cellular Automata |
| M22. | Comparative performance analysis of flat plate solar collectors with and without aluminum oxide-based Nano-fluid |
| M23. | Are the automobile sector advertising green |
| M24. | Downdraft biomass gasification : A review on concept, designs analysis, modelling and recent advances, |
| M25. | Effect of Binder and Moisture Content on Compatibility and Shear Strength of River Bed Sand Mould. |
| M26. | Experimental investigation on thermal performance of solar air collector provided with corrugated absorber |
| M27. | Experimental Investigation on Performance, Combustion and Emission Characteristics Of CI Engine With On-Site Hydrogen Generation |
| M28. | Soil Health Monitoring System using IOT |
| M29. | Exergy and energy analysis of nanomaterial doped in black Paint coating on absorber of triangular ducted solar air heater |