

Jaipur National University, Jaipur
IAET-2022
SCIENTIFIC SCHEDULE

Day 1: Friday, 25th March 2022			
Timing	PROGRAMME		
07:30-8:30AM	Breakfast (Hostel Mess, JNU Main Campus)		
08:30-09:15AM	Registration & Distribution of Conference Kit (Engg. Block, JNU Main Campus)		
09:15-10:30AM	Inaugural Session Venue: Auditorium, 1st Floor, Engg. Block JNU Main Campus Chief-Guest: Dr. Samit Sharma , Commissioner, Labour Dept. and MD, Rajasthan Skill & Livelihoods Development Corporation (RSLDC), Jaipur.		
10:30-11:00AM	High Tea & Interaction (1st Floor, Engg. Block, JNU Main Campus)		
11.00 -11.45AM	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Invited Talk 1 Dr. V.K. Jain Scientist & Professor, Amity University, Noida Topic of talk: Nanostructured hetero-junction n-SnO₂/SiNWs for UV Detection on Silicon Chip Venue: Auditorium, Engineering Block Session Chair: Dr. Surendra Yadav </td> <td style="width: 50%; vertical-align: top;"> Invited Talk 2 Dr. Ashutosh Modi Assistant Professor, Computer Science & Technology, IIT, Kanpur Topic of talk: Humanizing Machines: A Multimodal Approach to Affective Computing Venue: Seminar Hall, Engineering Block Session Chair: Dr. Amit Kumar </td> </tr> </table>	Invited Talk 1 Dr. V.K. Jain Scientist & Professor, Amity University, Noida Topic of talk: Nanostructured hetero-junction n-SnO ₂ /SiNWs for UV Detection on Silicon Chip Venue: Auditorium, Engineering Block Session Chair: Dr. Surendra Yadav	Invited Talk 2 Dr. Ashutosh Modi Assistant Professor, Computer Science & Technology, IIT, Kanpur Topic of talk: Humanizing Machines: A Multimodal Approach to Affective Computing Venue: Seminar Hall, Engineering Block Session Chair: Dr. Amit Kumar
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11:45-01:00PM	Three Parallel Sessions (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: GC4 (Ground Floor)		
01:00-02:00PM	Lunch Break (Hostel Mess, JNU Main Campus)		
02:00-02:30PM	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Invited Talk 3 Dr. Ghanshyam Singh Professor Department of Electrical and Electronic Sciences, University of Johannesburg, South Africa Topic of talk: Antenna Technology for 6G Communication Systems: Recent Advances and Future Challenges Venue: Auditorium, Engineering Block Session Chair: Dr. Prashant Johari </td> <td style="width: 50%; vertical-align: top;"> Invited Talk 4 Dr. Rajeev Sharma Scientist-F, DST, Delhi Topic of Talk: Cyber Physical Systems Venue: GC4, Ground Floor Session Chair: Dr. Anurag Srivastava </td> </tr> </table>	Invited Talk 3 Dr. Ghanshyam Singh Professor Department of Electrical and Electronic Sciences, University of Johannesburg, South Africa Topic of talk: Antenna Technology for 6G Communication Systems: Recent Advances and Future Challenges Venue: Auditorium, Engineering Block Session Chair: Dr. Prashant Johari	Invited Talk 4 Dr. Rajeev Sharma Scientist-F, DST, Delhi Topic of Talk: Cyber Physical Systems Venue: GC4, Ground Floor Session Chair: Dr. Anurag Srivastava
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02.30-04.00PM	Three Parallel Sessions (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: GC4 (Ground Floor)		
04:00-04:30PM	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Invited Talk 5 Prof. Megh Raj Pokhrel Central Department of Chemistry, Tribhuvan University, Nepal Topic of talk: Chemically Modified Bio adsorbents for the Adsorptive Removal of Trace Concentration of Arsenic from Water Venue: Auditorium, Engineering Block Session Chair: Dr. Narendhar Singh </td> <td style="width: 50%; vertical-align: top;"> Invited Talk 6 Prof. Satya N Vijayvergiya Technology Director-GENUS Jaipur / Dean (R&D-SKIT Jaipur) Topic of talk: INDUSTRY 4.0 Venue: GC4, Ground Floor Session Chair: Dr. Sudhakar Annapantula </td> </tr> </table>	Invited Talk 5 Prof. Megh Raj Pokhrel Central Department of Chemistry, Tribhuvan University, Nepal Topic of talk: Chemically Modified Bio adsorbents for the Adsorptive Removal of Trace Concentration of Arsenic from Water Venue: Auditorium, Engineering Block Session Chair: Dr. Narendhar Singh	Invited Talk 6 Prof. Satya N Vijayvergiya Technology Director-GENUS Jaipur / Dean (R&D-SKIT Jaipur) Topic of talk: INDUSTRY 4.0 Venue: GC4, Ground Floor Session Chair: Dr. Sudhakar Annapantula
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04:30-05:00PM	Tea Break & Interaction (1st Floor, Engg. Block JNU Main Campus)		

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Day 2: Saturday 26th March 2022			
Timing	PROGRAMME		
07:30-08:30AM	Breakfast (Hostel Mess, JNU Main Campus)		
08:30-09:00AM	Registration & Distribution of Conference Kit (Engg. Block, JNU Main Campus)		
09:00-10:00AM	Three Parallel Sessions (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: GC4 (Ground Floor)		
10:00-10:30AM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Invited Talk 7 Dr. Ramesh Agarwal Professor, Mechanical Engineering & Material Science, The William Palm Professor of Engineering, USA Topic of talk: Numerical Studies of Active Flow Control and Aerospace Applications Venue: Auditorium, Engineering Block Session Chair: Prof. Rajesh Punia </td> <td style="width: 50%; vertical-align: top;"> Invited Talk 8 Dr. Renu John Assistant Professor Biomedical Engineering, IIT, Hyderabad Topic of the talk: Biomedical Imaging & Sensors Venue: Seminar Hall, Engineering Block Session Chair: Dr. Sajjan Dahiya </td> </tr> </table>	Invited Talk 7 Dr. Ramesh Agarwal Professor, Mechanical Engineering & Material Science, The William Palm Professor of Engineering, USA Topic of talk: Numerical Studies of Active Flow Control and Aerospace Applications Venue: Auditorium, Engineering Block Session Chair: Prof. Rajesh Punia	Invited Talk 8 Dr. Renu John Assistant Professor Biomedical Engineering, IIT, Hyderabad Topic of the talk: Biomedical Imaging & Sensors Venue: Seminar Hall, Engineering Block Session Chair: Dr. Sajjan Dahiya
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10:30-10:45AM	Tea Break & Interaction (1st Floor, Engg. Block, JNU Main Campus)		
10:46-12:00PM	Three Parallel Sessions (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: GC4 (Ground Floor)		
12:00- 12:30PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Invited Talk 9 Prof. Kisay Lee Dept. of Environmental Engineering and Energy, Myongji University, South Korea Topic of talk: Use of Microalgae in Environmental and Energy applications Venue: Seminar Hall, Engineering Block Session Chair: Dr. Vishnu Sharma </td> <td style="width: 50%; vertical-align: top;"> Invited Talk 10 Dr. Zainul Abdin Jaffery Professor, Department of Electrical Engineering, Jamia Millia Islamia University, New Delhi Topic of talk: Thermal Imaging based techniques for Condition Monitoring of Electrical Assets Venue: GC4, Ground Floor Session Chair: Dr. Hrishikesh Dhasmana </td> </tr> </table>	Invited Talk 9 Prof. Kisay Lee Dept. of Environmental Engineering and Energy, Myongji University, South Korea Topic of talk: Use of Microalgae in Environmental and Energy applications Venue: Seminar Hall, Engineering Block Session Chair: Dr. Vishnu Sharma	Invited Talk 10 Dr. Zainul Abdin Jaffery Professor, Department of Electrical Engineering, Jamia Millia Islamia University, New Delhi Topic of talk: Thermal Imaging based techniques for Condition Monitoring of Electrical Assets Venue: GC4, Ground Floor Session Chair: Dr. Hrishikesh Dhasmana
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12:31 – 01:30PM	Valedictory Ceremony Venue: Engineering Block Auditorium, JNU Main Campus Chief Guest: Dr. S. K. Varshney Adviser & Head, International Cooperation, Department of science & Technology, Government of India, Technology Bhawan, New Delhi		
01:30-02:30PM	Lunch Break (Hostel Mess, JNU Main Campus)		
02:30-3:00PM	Certificate Distribution (Auditorium, 1st Floor, Engg. Block JNU Main Campus)		