

# Jaipur National University, Jaipur

## IAET-2022 (Schedule)

<b>Day 1: Friday, 25<sup>th</sup> March 2022</b>			
<b>Timing</b>	<b>PROGRAMME</b>		
07:30-8:30AM	Breakfast (Hostel Mess, JNU Main Campus)		
09:00-09:45AM	Registration & Distribution of Conference Kit (Engg. Block, JNU Main Campus)		
10:00-11:00AM	<b>Inaugural Session</b> <b>Venue:</b> Auditorium, 1st Floor, Engg. Block JNU Main Campus <b>Chief-Guest: Prof. Ashutosh Sharma</b> Institute Chair Professor, Department of Chemical Engineering, IIT Kanpur & Former Secretary of Department of Science & Technology (Govt. Of India)		
11:00-11:15AM	High Tea & Interaction (1st Floor, Engg. Block, JNU Main Campus)		
11.15 -11.45AM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 1</b>  <b>Dr. V.K. Jain</b>  Scientist &amp; Professor,  Amity University, Noida  <b>Topic of talk:</b> Nanostructured hetero-junction n-SnO<sub>2</sub>/SiNWs for UV Detection on Silicon Chip  <b>Venue:</b> Auditorium, Engineering Block  <b>Session Chair:</b> Dr. Surendra Yadav </td> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 2</b>  <b>Dr. Ashutosh Modi</b>  Assistant Professor, Computer Science &amp; Technology, IIT, Kanpur  <b>Topic of talk:</b> Humanizing Machines: A Multimodal Approach to Affective Computing  <b>Venue:</b> Seminar Hall, Engineering Block  <b>Session Chair:</b> Dr. Amit Kumar </td> </tr> </table>	<b>Invited Talk 1</b> <b>Dr. V.K. Jain</b> Scientist & Professor, Amity University, Noida <b>Topic of talk:</b> Nanostructured hetero-junction n-SnO <sub>2</sub> /SiNWs for UV Detection on Silicon Chip <b>Venue:</b> Auditorium, Engineering Block <b>Session Chair:</b> Dr. Surendra Yadav	<b>Invited Talk 2</b> <b>Dr. Ashutosh Modi</b> Assistant Professor, Computer Science & Technology, IIT, Kanpur <b>Topic of talk:</b> Humanizing Machines: A Multimodal Approach to Affective Computing <b>Venue:</b> Seminar Hall, Engineering Block <b>Session Chair:</b> Dr. Amit Kumar
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11:45-01:00PM	<b>Three Parallel Sessions</b> (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: <b>GC4</b> (Ground Floor)		
01:00-02:00PM	Lunch Break (Hostel Mess, JNU Main Campus)		
02:00-02:30PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 3</b>  <b>Dr. Ghanshyam Singh</b>  Professor  Department of Electrical and Electronic Sciences, University of Johannesburg, South Africa  <b>Topic of talk:</b> Antenna Technology for 6G Communication Systems: Recent Advances and Future Challenges  <b>Venue:</b> Auditorium, Engineering Block  <b>Session Chair:</b> Dr. Prashant Johari </td> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 4</b>  <b>Dr. Rajeev Sharma</b>  Scientist-F, DST, Delhi  <b>Topic of Talk:</b> Cyber Physical Systems   <b>Venue:</b> GC4, Ground Floor  <b>Session Chair:</b> Dr. Anurag Srivastava </td> </tr> </table>	<b>Invited Talk 3</b> <b>Dr. Ghanshyam Singh</b> Professor Department of Electrical and Electronic Sciences, University of Johannesburg, South Africa <b>Topic of talk:</b> Antenna Technology for 6G Communication Systems: Recent Advances and Future Challenges <b>Venue:</b> Auditorium, Engineering Block <b>Session Chair:</b> Dr. Prashant Johari	<b>Invited Talk 4</b> <b>Dr. Rajeev Sharma</b> Scientist-F, DST, Delhi <b>Topic of Talk:</b> Cyber Physical Systems  <b>Venue:</b> GC4, Ground Floor <b>Session Chair:</b> Dr. Anurag Srivastava
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02.30-04.00PM	<b>Three Parallel Sessions</b> (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: <b>GC4</b> (Ground Floor)		
04:00-04:30PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 5</b>  <b>Prof. Megh Raj Pokhrel</b>  Central Department of Chemistry, Tribhuvan University, Nepal  <b>Topic of talk:</b> Chemically Modified Bioadsorbents for the Adsorptive Removal of Trace Concentration of Arsenic from Water  <b>Venue:</b> Auditorium, Engineering Block  <b>Session Chair:</b> Dr. Narendhar Singh </td> <td style="width: 50%; vertical-align: top;"> <b>Invited Talk 6</b>  <b>Prof. Satya N Vijayvergiya</b>  Technology Director-GENUS Jaipur / Dean (R&amp;D-SKIT Jaipur)  <b>Topic of talk:</b> INDUSTRY 4.0   <b>Venue:</b> GC4, Ground Floor  <b>Session Chair:</b> Dr. Sudhakar Annapantula </td> </tr> </table>	<b>Invited Talk 5</b> <b>Prof. Megh Raj Pokhrel</b> Central Department of Chemistry, Tribhuvan University, Nepal <b>Topic of talk:</b> Chemically Modified Bioadsorbents for the Adsorptive Removal of Trace Concentration of Arsenic from Water <b>Venue:</b> Auditorium, Engineering Block <b>Session Chair:</b> Dr. Narendhar Singh	<b>Invited Talk 6</b> <b>Prof. Satya N Vijayvergiya</b> Technology Director-GENUS Jaipur / Dean (R&D-SKIT Jaipur) <b>Topic of talk:</b> INDUSTRY 4.0  <b>Venue:</b> GC4, Ground Floor <b>Session Chair:</b> Dr. Sudhakar Annapantula
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04:30-05:00PM	Tea Break & Interaction (1st Floor, Engg. Block JNU Main Campus)		

<b>Day 2: Saturday 26<sup>th</sup> March 2022</b>			
<b>Timing</b>	<b>PROGRAMME</b>		
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	<b>Three Parallel Sessions</b> (Engineering Block, JNU Main Campus) Venue 1: Auditorium, Venue 2: Seminar Hall (First Floor), Venue 3: <b>GC4</b> (Ground Floor)		
10:00-10:30AM	<table border="0"> <tr> <td style="vertical-align: top;"> <b>Invited Talk 7</b>  <b>Dr. Ramesh Agarwal</b>  Professor, Mechanical Engineering &amp; Material Science, The William Palm Professor of Engineering, USA  <b>Topic of talk:</b> Numerical Studies of Active Flow Control and Aerospace Applications  <b>Venue:</b> Auditorium, Engineering Block  <b>Session Chair:</b> Prof. Rajesh Punia </td> <td style="vertical-align: top;"> <b>Invited Talk 8</b>  <b>Dr. Renu John</b>  Assistant Professor  Biomedical Engineering, IIT, Hyderabad  <b>Topic of the talk:</b> Biomedical Imaging &amp; Sensors  <b>Venue:</b> Seminar Hall, Engineering Block  <b>Session Chair:</b> Dr. Sajjan Dahiya </td> </tr> </table>	<b>Invited Talk 7</b> <b>Dr. Ramesh Agarwal</b> Professor, Mechanical Engineering & Material Science, The William Palm Professor of Engineering, USA <b>Topic of talk:</b> Numerical Studies of Active Flow Control and Aerospace Applications <b>Venue:</b> Auditorium, Engineering Block <b>Session Chair:</b> Prof. Rajesh Punia	<b>Invited Talk 8</b> <b>Dr. Renu John</b> Assistant Professor Biomedical Engineering, IIT, Hyderabad <b>Topic of the talk:</b> Biomedical Imaging & Sensors <b>Venue:</b> Seminar Hall, Engineering Block <b>Session Chair:</b> Dr. Sajjan Dahiya
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11:45-12:00PM	Tea Break & Interaction (1st Floor, Engg. Block, JNU Main Campus)		
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01:15- 01:45PM	<table border="0"> <tr> <td style="vertical-align: top;"> <b>Invited Talk 9</b>  <b>Prof. Kisay Lee</b>  Dept. of Environmental Engineering and Energy, Myongji University, South Korea  <b>Topic of talk: Use of Microalgae in Environmental and Energy applications</b>  <b>Venue:</b> Seminar Hall, Engineering Block  <b>Session Chair:</b> Dr. Vishnu Sharma </td> <td style="vertical-align: top;"> <b>Invited Talk 10</b>  <b>Dr. Zainul Abdin Jaffery</b>  <b>Professor,</b> Department of Electrical Engineering, Jamia Millia Islamia University, New Delhi  <b>Topic of talk:</b> Thermal Imaging based techniques for Condition Monitoring of Electrical Assets  <b>Venue:</b> GC4, Ground Floor  <b>Session Chair:</b> Dr. Hrishikesh Dhasmana </td> </tr> </table>	<b>Invited Talk 9</b> <b>Prof. Kisay Lee</b> Dept. of Environmental Engineering and Energy, Myongji University, South Korea <b>Topic of talk: Use of Microalgae in Environmental and Energy applications</b> <b>Venue:</b> Seminar Hall, Engineering Block <b>Session Chair:</b> Dr. Vishnu Sharma	<b>Invited Talk 10</b> <b>Dr. Zainul Abdin Jaffery</b> <b>Professor,</b> Department of Electrical Engineering, Jamia Millia Islamia University, New Delhi <b>Topic of talk:</b> Thermal Imaging based techniques for Condition Monitoring of Electrical Assets <b>Venue:</b> GC4, Ground Floor <b>Session Chair:</b> Dr. Hrishikesh Dhasmana
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02.00-02.45PM	<b>Valedictory Ceremony</b> <b>Venue:</b> Engineering Block Auditorium, JNU Main Campus <b>Chief Guest: Dr. S. K. Varshney</b> Adviser & Head, International Cooperation, Department of science & Technology, Government of India, Technology Bhawan, New Delhi		
02:45-03:45PM	Lunch Break (Hostel Mess, JNU Main Campus)		
04:00-5:00PM	Certificate Distribution (Auditorium, 1st Floor, Engg. Block JNU Main Campus) Tea Break & Interaction (1st Floor, Engg. Block JNU Main Campus)		