

# IC-SIT 2024 Program Schedule

21<sup>st</sup> - 23<sup>rd</sup> November, 2024

IEEE Conference Record Number: 63503

Venue : **Silicon University, Odisha**

## DAY 01 : 21<sup>st</sup> November 2024 (Thursday)

08:00AM-10:00AM	<b>Delegate Arrival, Registration, Breakfast</b> <i>Registration Venue : Near LT-1, 2<sup>nd</sup> Floor, Breakfast Venue : Dining Hall, 4<sup>th</sup> Floor</i>		
10:00AM-11:00AM	<b>Inaugural Event</b> Venue: Auditorium, 5 <sup>th</sup> Floor		
11:00AM-12:00PM	<p><b>Keynote Talk – # 01</b></p> <p><b>Title: Sustainable Machine Learning with External Memory for Incremental Tasks</b>  <b>Speaker: Dr. Sung-Bae Cho</b>, Professor, College of Computing, Yonsei University, Seoul, South Korea            Venue: Auditorium, 5<sup>th</sup> Floor</p> <p><b>Session Chair :</b> Dr. Chitaranjan Tripathy, Silicon University, Odisha            Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> <b>Passcode : 2024</b></p>		
12:00PM-01:00PM	<b>Student Poster Presentation</b>		
01:00PM-02:00PM	<b>LUNCH BREAK, Venue: Dining Hall, 4<sup>th</sup> Floor</b>		
02:00PM-03:45PM	<p><b>Session – 01</b>            Venue : LT-1, 2<sup>nd</sup> Floor            Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a></p>	<p><b>Session – 02</b>            Venue : TH-1, 2<sup>nd</sup> Floor            Link : <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBik1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBik1SXaRlt9r94FM.1</a></p>	<p><b>Session – 03</b>            Venue : TH-2, 2<sup>nd</sup> Floor            Link : <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a></p>
	<b>Track : ILA</b>	<b>Track : DBA</b>	<b>Track : MSE</b>
	<p><b>Paper IDs :</b>  <b>Offline Presentation:</b>            14, 123, 158, 189, 212, 219, 315 (DBA)</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>            17, 35, 36, 142, 182  <b>Offline Presentation:</b>            296, 140(ILA)</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>            160, 165, 205, 273  <b>Offline Presentation:</b>            277, 304, 321</p>
	<p><b>Session Chairs :</b>  <b>Dr. S. Champati Rai</b>            KIIT University, Bhubaneswar  <b>Dr. B. P. Chaudhury</b>            Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Jasaswi P. Mohanty</b>            KIIT University, Bhubaneswar  <b>Dr. Ch. Sanjeev K. Dash</b>            Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Ajay K. Tripathy</b>            GM University, Sambalpur  <b>Dr. Prakash K. Rout</b>            Silicon University, Odisha</p>
	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>
03:45PM-04:00PM	<b>TEA BREAK, Venue: Near LT-1, 2<sup>nd</sup> Floor</b>		
04:00PM-05:15PM	<p><b>Session – 04</b>            Venue : LT-1, 2<sup>nd</sup> Floor            Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a></p>	<p><b>Session – 05</b>            Venue : TH-1, 2<sup>nd</sup> Floor            Link : <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBik1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBik1SXaRlt9r94FM.1</a></p>	<p><b>Session – 06</b>            Venue : TH-2, 2<sup>nd</sup> Floor            Link : <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a></p>

				Track : ILA	Track : CNI	Track : PDC/ILA				
				<b>Paper IDs :</b> <b>Online Presentation:</b> 18, 78, 109 <b>Offline Presentation:</b> 322, 323	<b>Paper IDs :</b> <b>Online Presentation:</b> 80, 199, 201, 227 <b>Offline Presentation:</b> 299	<b>Paper IDs :</b> <b>Online Presentation:</b> 122, 192, 209, 320 183 (ILA)				
				<b>Session Chairs :</b> <b>Dr. Rakesh C. Balabantaray</b> IIIT, Bhubaneswar <b>Dr. Pulak Sahoo</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Suwendu Rup</b> NIT, Raipur <b>Dr. Ambarish G. Mohapatra</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Ranjan K. Dash</b> OTR, Bhubaneswar <b>Dr. Suwendu C. Nayak</b> Silicon University, Odisha				
				<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>				
22 <sup>nd</sup> November 2024 (Friday)										
08:00AM-09:00AM		<b>Delegate Arrival, Registration, Breakfast</b> <i>Registration Venue : Near LT-1, 2<sup>nd</sup> Floor, Breakfast Venue : Dining Hall, 4<sup>th</sup> Floor</i>								
09:15AM-10:30AM		<b>Session – 07</b> <b>Venue : LT-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a>			<b>Session – 08</b> <b>Venue : TH-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1</a>			<b>Session – 09</b> <b>Venue : TH-2, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a>		
		Track : ILA			Track : ILA			Track : PCS		
		<b>Paper IDs :</b> <b>Online Presentation:</b> 86, 108, 190, 194 <b>Offline Presentation:</b> 171			<b>Paper IDs :</b> <b>Online Presentation:</b> 211, 215, 216, 229 <b>Offline Presentation:</b> 210			<b>Paper IDs :</b> <b>Online Presentation:</b> 98, 110, 306, 313 <b>Offline Presentation:</b> 68		
		<b>Session Chairs :</b> <b>Dr. Niranjana Ray</b> KIIT University, Bhubaneswar <b>Dr. Mukti Routray</b> Silicon University, Odisha			<b>Session Chairs :</b> <b>Dr. Jitendra Rout</b> NIT, Raipur <b>Dr. Ajit K. Behera</b> Silicon University, Odisha			<b>Session Chairs :</b> <b>Dr. Rajkishore Swain</b> Govt. Engg. Collge, Kalahandi <b>Dr. Aditya Acharya</b> Silicon University, Odisha		
		<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>			<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>			<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>		
10:30AM-11:30AM		<b>Keynote Talk – # 02</b> <b>Title: Introduction to Harmony Search Method with Applications</b> <b>Speaker: Dr. Xiaozhi Gao</b> , Professor, University of Eastern Finland Kuopio, Finland <b>Venue: LT-1, 2<sup>nd</sup> Floor</b> <b>Session Chair : Dr. Debabrata Kar</b> , Silicon University, Odisha <b>Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> Passcode : 2024</b>								
11:30AM-11:45AM		TEA BREAK, Venue: Near LT-1, 2 <sup>nd</sup> Floor								

11:45AM-01:15PM	<p><b>Session – 10</b>  <b>Venue : LT-1, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a></p>	<p><b>Session – 11</b>  <b>Venue : TH-1, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SxaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SxaRlt9r94FM.1</a></p>	<p><b>Session – 12</b>  <b>Venue : TH-2, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a></p>
	<b>Track : ILA</b>	<b>Track : ILA</b>	<b>Track : DBA</b>
	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  144, 152, 157  <b>Offline Presentation:</b>  330, 332, 333</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  268, 270, 271, 275, 290  <b>Offline Presentation:</b>  336</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  40, 48, 49, 130, 132, 133</p>
	<p><b>Session Chairs :</b>  <b>Dr. Ajit K. Nayak</b>  SOA University, Bhubaneswar  <b>Dr. Pamela Chaudhury</b>  Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Debasmita Pradhan</b>  KIIT University, Bhubaneswar  <b>Dr. Samaleswari P. Nayak</b>  Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Pradeep K. Mallick</b>  KIIT University, Bhubaneswar  <b>Dr. Ramakrushna Swain</b>  Silicon University, Odisha</p>
	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>
01:15PM-02:15PM	<b>LUNCH BREAK, Venue: Dining Hall, 4<sup>th</sup> Floor</b>		
02:15PM-03:45PM	<p><b>Keynote Talk – # 03</b>  <b>Title: Machine Learning with Domain Adaptation approaches</b>  <b>Speaker: Dr. Saroj Kumar Meher</b>, Associate Professor, Systems Science and Informatics Unit, Indian Statistical Institute, Bangalore, India  <b>Venue: LT-1, 2<sup>nd</sup> Floor</b>  <b>Session Chair : Dr. Pradyumna K. Tripathy</b>, Silicon University, Odisha  <b>Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> Passcode : 2024</b></p>		
03:45PM-04:00PM	<b>TEA BREAK, Venue: Near LT-1, 2<sup>nd</sup> Floor</b>		
04:00PM-05:15PM	<p><b>Session – 13</b>  <b>Venue : LT-1, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a></p>	<p><b>Session – 14</b>  <b>Venue : TH-1, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SxaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SxaRlt9r94FM.1</a></p>	<p><b>Session – 15</b>  <b>Venue : TH-2, 2<sup>nd</sup> Floor</b>  <b>Link :</b>  <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a></p>
	<b>Track : ILA</b>	<b>Track : ILA</b>	<b>Track : DBA</b>
	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  186, 187, 341  <b>Offline Presentation:</b>  291, 314</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  293, 298, 303, 307, 310</p>	<p><b>Paper IDs :</b>  <b>Online Presentation:</b>  155, 162, 168, 170, 207</p>
	<p><b>Session Chairs :</b>  <b>Dr. Satyabrata Das</b>  VSSUT Burla  <b>Dr. Sudhanshu Pati</b>  Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Bibudhendu Pati</b>  RDW University, Bhubaneswar  <b>Dr. Rabindra K Dalei</b>  Silicon University, Odisha</p>	<p><b>Session Chairs :</b>  <b>Dr. Srinivas Sethy</b>  IGIT Sarang  <b>Dr. Saumyanarjan Dash</b>  Silicon University, Odisha</p>
	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<p><b>Session Coordinators :</b></p> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>

## 23<sup>rd</sup> November 2024 (Saturday)

08:00AM-09:00AM	<b>Delegate Arrival, Registration, Breakfast</b> <i>Registration Venue : Near LT-1, 2<sup>nd</sup> Floor, Breakfast Venue : Dining Hall, 4<sup>th</sup> Floor</i>		
09:15AM-10:30AM	<b>Session – 16</b> <b>Venue : LT-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a>	<b>Session – 17</b> <b>Venue : TH-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1</a>	<b>Session – 18</b> <b>Venue : TH-2, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1XI8.1</a>
	<b>Track : ILA</b>	<b>Track : DBA</b>	<b>Track : CNI</b>
	<b>Paper IDs :</b> <b>Online Presentation:</b> 198, 202, 281 <b>Offline Presentation:</b> 338, 339	<b>Paper IDs :</b> <b>Online Presentation:</b> 237, 244, 247, 249, 251	<b>Paper IDs :</b> <b>Online Presentation:</b> 240, 245, 267, 294, 328
	<b>Session Chairs :</b> <b>Dr. Rakesh Lenka</b> Central University of Odisha <b>Dr. Bikram K. Mishra</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Suraj Sharma</b> GGDU, Bilaspur <b>Dr. Sushri S. Rout</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Soubhagya R. Mallick</b> Oxen University, Hyderabad <b>Dr. Bimal K. Meher</b> Silicon University, Odisha
	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>
10:30AM-10:45AM	<b>TEA BREAK, Venue: Near LT-1, 2<sup>nd</sup> Floor</b>		
10:45AM-11:45AM	<b>Keynote Talk – # 04</b> <b>Title: Recent Trends on Malware Detection</b> <b>Speaker: Dr. Somanath Tripathy</b> , Professor, Department of Computer Science & Engineering, Indian Institute of Technology Patna, India <b>Venue: LT-1, 2<sup>nd</sup> Floor</b> <b>Session Chair : Dr. Bimal K. Meher, Silicon University, Odisha</b> <b>Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> Passcode : 2024</b>		
12:00PM-01:00PM	<b>Keynote Talk - # 05</b> <b>Title: General Purpose Wi-Fi Sensing for Various Societal and Sustainable Applications</b> <b>Speaker: Dr. Siba K. Udgata</b> , Professor, School of Computer and Information Sciences, University of Hyderabad, India <b>Venue: LT-1, 2<sup>nd</sup> Floor</b> <b>Session Chair : Dr. Ch. Sanjeev K. Dash, Silicon University, Odisha</b> <b>Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> Passcode : 2024</b>		
01:00PM-02:00PM	<b>LUNCH BREAK, Venue: Dining Hall, 4<sup>th</sup> Floor</b>		
02:00PM-03:00PM	<b>Talk on Women in Engineering</b> <b>Speaker: Swati Das, Infosys</b> <b>Venue: LT-1, 2<sup>nd</sup> Floor</b> <b>Link : <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a> Passcode : 2024</b>		

03:00PM- 04:30PM	<b>Session – 19</b> <b>Venue : LT-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a>	<b>Session – 20</b> <b>Venue : TH-1, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1</a>	<b>Session – 21</b> <b>Venue : TH-2, 2<sup>nd</sup> Floor</b> <b>Link :</b> <a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1Xl8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1Xl8.1</a>
	<b>Track : ILA</b>	<b>Track : DBA, ILA</b>	<b>Track : PCS, ILA</b>
	<b>Paper IDs :</b> <b>Online Presentation:</b> <b>325, 335, 340, 309</b> <b>Offline Presentation:</b> <b>232, 196</b>	<b>Paper IDs :</b> <b>Online Presentation:</b> <b>264, 285, 302, 254, 256</b> <b>Offline Presentation:</b> <b>337</b>	<b>Paper IDs :</b> <b>Online Presentation:</b> <b>301, 126, 203</b> <b>Offline Presentation:</b> <b>300, 331, 292</b>
	<b>Session Chairs :</b> <b>Dr. Pradyumna K Tripathy</b> Silicon University, Odisha <b>Dr. Kasturi Dhal</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Prasanta K Bal</b> GITA, Bhubaneswar <b>Dr. Soumya P. Panda</b> Silicon University, Odisha	<b>Session Chairs :</b> <b>Dr. Rabindra K. Barik</b> KIIT University, Bhubaneswar <b>Dr. Rabinarayan Mishra</b> Silicon University, Odisha
	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Soumya Priyadarsini Panda</li> <li>• Dr. Nayan Ranjan Paul</li> <li>• Ms. Rasmita Sahoo</li> <li>• Mr. Sambit Kumar Mohanty</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Dr. Jayashree Piri</li> <li>• Prof. Sanjay Kumar Giri</li> <li>• Ms. Rasmirekha Mahala</li> <li>• Mr. Jitendra Pradhan</li> </ul>	<b>Session Coordinators :</b> <ul style="list-style-type: none"> <li>• Prof. Deepika Rani Sahu</li> <li>• Prof. Sarthak Padhi</li> <li>• Mr. Jiten Kumar Mohanty</li> <li>• Ms. Mamata Mahanta</li> </ul>
4:30PM- 5:00PM	<b>Closing Ceremony</b>		

### Track Description:

<b>ILA</b> : Intelligent Learning and Application <b>DBA</b> :Data Science and Business Analytics <b>CNI</b> :Communication Networks and IoT	<b>PDC</b> : Parallel, Distributed and Cloud Computing <b>MSE</b> : Multimedia, Signal Processing, and Embedded Systems <b>PCS</b> : Power, Control and Smart Grid (PCS)
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### Online Meeting Links:

Venue	Link	Passcode
LT - 1	<a href="https://us06web.zoom.us/j/89462361306">https://us06web.zoom.us/j/89462361306</a>	2024
TH - 1	<a href="https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1">https://us06web.zoom.us/j/89167152395?pwd=5plt5S2A1UeR2YBiK1SXaRlt9r94FM.1</a>	2024
TH - 2	<a href="https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1Xl8.1">https://us05web.zoom.us/j/89005053991?pwd=WycDvGKT3PS8E2onQ2DmAi390k1Xl8.1</a>	2024

# IC-SIT 2024 : Complete Program Schedule

## DAY 01 : 21<sup>st</sup> November 2024 (Thursday)

Time	Session	Paper ID	Title	Presenter Name	
02:00PM-03:45PM	<b>Session-01</b> Venue : LT-1  Track : ILA/DBA	14	Milk Grade-Guard: Enhancing Food Safety Through ML	Arpita Pal	
		123	Modified Deep Neural Network Approach to Identify Heart disease using IoMT: Artificial Neural Networks or Convolutional Neural Networks!	Debasish Swapnesh Kumar Nayak	
		158	Software Product Effort Estimation with Sequence Diagrams and Regression Analysis	Pulak Sahoo	
		189	Autonomous Vehicle Utilizing Deep Learning Methods	Sresthasa Mohanty	
		212	Software Fault Forecasting through Puffer-fish Optimizatio Algorithm-based Feature Selection Technique	Kunal Anand	
		219	Alzheimer's Disease Prediction from MRI image using Convolutional Deep Neural Network	Sanghamitra Panda	
		315DBA	The use of Activity models and Regression analysis for Development Effort Forecasting	Nayan Ranjan Paul	
	<b>Session-02</b> Venue : TH-1  Track : DBA/ILA		140 ILA	A Machine Learning Based Approach to Improve Fraud Detection using ISSO and PKRR	Rajesh Kumar Ojha
			296	Enhancing performance appraisal in CBSE Schools through HR Analytics	Sunita Mohapatra
			17 (Online)	Combining CNN and SVM for Robust Cattle Disease Classification in Veterinary Applications	Shiva Mehta
			35 (Online)	Refining Obesity Risk Models: Gradient Boosting for Superior Predictive Performance	Kanwarpartap Singh Gill
			36 (Online)	AI-Enhanced Security: The Future of Credit Card Fraud Detection	Kanwarpartap Singh Gill
142 (Online)			Design of an Efficient Model for Sentiment Analysis on Twitter Using Between Fine-Tuning, Multimodal Integration, and Attention Mechanisms	P. Maragathavali	
182 (Online)			Speech Emotion Recognition for a Tribal Language using Machine Learning Methods	Subrat Kumar Nayak	
<b>Session-03</b> Venue : TH-2  Track : MSE		277	A Novel Dolph-Chebyshev Filter for Prediction of Huntington's Disease	Judhisthir Dash	
		304	A Recommendation and Genre-Classification Model for Sound-Alikes	Biprajit Ghoshal	
		321	Deep Learning Technique Based Plant Disease Detection And Classification	Abhisek Sethy	
		160 (Online)	Detecting Ship Wake from Complex Backgrounds in Synthetic Aperture Radar (SAR) Imagery	Ajisha Mathias	
		165 (Online)	Classification of Pigmented Skin Lesions using Early Fusion of Multi-Deep Features and Support Vector Machine	Jayanth Chowdam	
		205 (Online)	Deep Learning-Based Wheat Stem Rust Disease Recognition Using Mask Scoring RCNN	Deepak Kumar	
		273 (Online)	Brain Tumor Classification using VGG19 Deep Learning Model	Brindasri S	
04:00PM-05:15PM	<b>Session-04</b> Venue : LT-1  Track : ILA	322	Personified Emotion Detection from Speech using Supervised Machine Learning	Surabika Hota	
		323	Automated Cardiovascular Disease Detection from ECG Images Using Deep Learning	Mamatamayee Rout	
		18 (Online)	Automated System For Efficient Cervical Cancer Screening Using Cervicogram Images	Sanghamitra Nemmini	
		78 (Online)	Traffic Flow Prediction Using LSTM , ARIMA & SARIMA Model For Intelligent Transportation System	Rupal Verma	
		109 (Online)	Cryptocurrency Price Prediction: A Comprehensive Analysis of High-dimensional Features with Deep Learning Techniques	Nrusingha Tripathy	



Time	Session	Paper ID	Title	Presenter Name
04:00PM-05:15PM	<b>Session-05</b> Venue : TH-1  Track : CNI	299	Cyber-Physical System for Real-Time Tracking and Monitoring of Rare Blood Donors in Emergencies by Enhancing Donor Behavior	Ashish Kumar Mishra
		80 (Online)	Smart health monitoring wearable with accessibility using IOT	Gurupriya M
		199 (Online)	Smart & Digital Power Station	Sujit Kumar Pathak
		201 (Online)	Design and Implementation of Low-cost Remote Monitoring Scheme for Power and Distribution Transformers on a vendor-agnostic platform	Sujit Kumar Pathak
		227 (Online)	Revolutionizing Mobility: A comprehensive Review of Vehicular Communication Networks	Sonali Gupta
	<b>Session-06</b> Venue : TH-2  Track : PDC/ILA	122 (Online)	Comparative Cointegration of Stock Markets: Focus on NYSE, NSE and Shanghai Stock Exchange	Undabatla Rambabu
		192 (Online)	Utilization of Decentralized Finance (DeFi) and Distributed Ledger Technology (DLT) in Banking operations	Ch Sree Kumar
		209 (Online)	Bibliometric Evaluation of Green Technology and Green Finance	Rajesh Tiwari
		320 (Online)	Implementation and Performance Analysis of 8-bit Digital Parallel Array Multipliers	Yeshudas Muttu
		183 (Online)-ILA	A Study on Object Detection using Faster R-CNN, Retina net, RPN_R_50_FPN, RPN_R_50_C4	Aswin Tirumala Someswar Kadiyam
<b>DAY 02 : 22<sup>nd</sup> November 2024 (Friday)</b>				
09:15AM-10:30AM	<b>Session-07</b> Venue : LT-1  Track : ILA	171	A Comprehensive Survey on Multimodal Sentiment Analysis	Diana Dhal
		86 (Online)	Driver Facial Emotions and Drowsiness Detection for Enhanced Advanced Driver Assistance Systems(ADAS): Safety Management	Sippee Bharadwaj
		108 (Online)	Minimization of Control Error and Frequency variation in Two Area based Load Frequency Control using GA Tuned Fractional PI $\lambda$ D $\mu$ Controller by Reducing Integral Absolute based Error	Ayyappan Subhadra Anitha Nair
		190 (Online)	Machine Learning Prediction Models on the Tendency of Criminals to Recurrence of Criminal Activities	Arpeeta Mohanty
		194 (Online)	Plant leaf diseases: Feature extraction and identification using convolutional neural networks and GLCM features	Arpeeta Mohanty
	<b>Session-08</b> Venue : TH-1  Track : ILA	210	Enhanced Facial Emotion Recognition Using Transfer Learning with ResNet152	Sasmita Tripathy
		211 (Online)	Predicting Marketing Campaign Effectiveness through Consumer Personality Analysis using Machine Learning	Mahendra Kumar Gourisaria
		215 (Online)	AI-Driven System for Real-Time Transformation of Web Applications into Mobile-Friendly Versions	Nitesh Upadhyaya
		216 (Online)	Innovative Machine Learning Approaches to Cardiovascular Disease Prediction	Muniroopesh Raasetti
		229 (Online)	Enhancing PCOS Prediction using Machine Learning and Explainable AI	Sarghi Kaur Gahra
	<b>Session-09</b> Venue : TH-2  Track : PCS	68	Innovative Variable Structure PWM Method with the Nearest-Level Modulation Technique in a Five-Level Multilevel Inverter	Smruti Ranjan Nayak
		98 (Online)	Partial Shading Effect Minimization in a PV Array using Shading Behaviour based Adaptive Reconfiguration Algorithm	Pankaj Verma
		110 (Online)	Region of Operation Based Flexible Power Point Tracking Algorithm for PV Systems	Pankaj Verma
		306 (Online)	MIWO-IC Based MPPT of PV Fed Water Supply System Driven by Induction Motor with a Five Level Inverter	Siva Ganesh Malla
		313 (Online)	Design, Analysis and Implementation of an Electric Bicycle With GPS	Gorrepotu Jagadeesh

Time	Session	Paper ID	Title	Presenter Name
11:45AM-01:15PM	<b>Session-10</b> Venue : LT-1  Track : ILA	330	Architectural Model of Deep Convolution Neural Network Approach for Brain Tumor Prediction	Raghunath Panigrahi
		332	Frequency Stability of Egyptian Power Grid with Unification of Renewable Energy Sources	Aishwarya Samal
		333	Real-Time Text Classification and Summarization Model by Enhancing TF-IDF Extractive Summarization Method	Shreenita Saha
		144 (Online)	Efficient Protocols for the Secure Transmission of Training Parameters in a Federated Network: Research Frontiers, Taxonomy and Future Directions	Narendra babu Pamula
		152 (Online)	NeuroForest: Combining CNN and Random Forest for Superior Lung Cancer Detection	Yashu
		157 (Online)	A Hybrid Machine Learning and Deep Learning Approach for Diabetes Prediction With a Tkinter-Based User Interface	Sai Bhargav Kasetty
	<b>Session-11</b> Venue : TH-1  Track : ILA	336	IFLNLNLP: An Improved Federated Learning and Natural Language Processing-based Smart Healthcare System	Rabinarayan Mr Mohanty
		268 (Online)	Comparative Study of PSO and GWO Algorithms in Fractional-Order Low Pass Filter Design	Amaradi Kondababu
		270 (Online)	Consensus Clustering using Weights of Clusters	Sunandana Banerjee
		271 (Online)	Detection and Localization of Car Damages Using Deep Learning	Prachi Parihar
		275 (Online)	Water Region Extraction in Aerial Images Using Deep Learning	Shashwat Srivastava
		290 (Online)	Content-Based Radar Image Retrieval Using CNN Models	Bishal Choudhury
	<b>Session-12</b> Venue : TH-2  Track : DBA	40 (Online)	Mastering Multi-Class Bone Marrow Classification with EfficientNetB5: Challenges and Innovations	Kanwarpartap Singh Gill
		48 (Online)	Reimagining Disease Detection in Cassava Leaves with Advanced AI Techniques	Kanwarpartap Singh Gill
		49 (Online)	AI-Powered Sign Interpretation: Merging VGG16 and ResNet50 for Superior Accuracy	Kanwarpartap Singh Gill
		130 (Online)	Innovative CNN Approaches for Brain Tumor Detection: A Comparative Analysis of Model Architectures	Pratham Kaushik
		132 (Online)	High-Precision Fracture Identification: The Role of Convolutional Neural Networks in Orthopedics	Pratham Kaushik
		133 (Online)	Automated Classification of Kidney Diseases Using Deep Learning: A Comparative Analysis with Machine Learning Models on CT Images	Eshika Jain
04:00PM-05:15PM	<b>Session-13</b> Venue : LT-1  Track : ILA	291	A Systematic Analysis of Multi-Property Prediction Using Deep Learning In The Field Of Drug Development	Abhisek Sethy
		314	Binary Classification of Bone Fractures using Transfer Learning: A Comprehensive Approach	Bivasa Ranjan Parida
		186 (Online)	Intelligent Data Science-Driven Univariate Time Series Forecasting for Household Debris Estimation	Archana Rout
		187 (Online)	A New Variant of Clustering based Normalized Knn Movie Recommendation System	Shiba Prasad Dash
		341 (Online)	The Contribution of Strategic Information Systems to Organizational Transformation and Change	Cuthbert Chinji
	<b>Session-14</b> Venue : TH-1  Track : ILA	293 (Online)	Evaluating Object Detection Approaches for Fruit Detection in Precision Agriculture: A Comprehensive Review	Archana Uriti
		298 (Online)	Enhancing Soil Moisture Forecasting with Ensemble Learning: An Approach towards Sustainable Agriculture	Debomita Ghosh
		303 (Online)	Perspectives on Fintech Adoption in Developing Economies from Indian User Behaviour	Preeti Sharma
		307 (Online)	Employing YOLO model for traffic monitoring on roadways	Rushikesh P Borse
		310 (Online)	Marathi Text to ISL Gloss Translation Using LSTM, GRU and Transformer Neural Models	Prachi P Waghmare



Time	Session	Paper ID	Title	Presenter Name	
04:00PM-05:15PM	<b>Session-15</b> Venue : TH-2 Track : DBA	155 (Online)	Implementation of YOLOv9 in Agricultural AI for Enhanced Weed Detection	Premkumar Duraisamy	
		162 (Online)	Real Time Identification of Students' Stress Factors using Machine Learning Techniques	Sagar Verma	
		168 (Online)	Motor Imagery Classification in EEG signals using Hybrid CNN-ISqueeze net	Sumanta Kumar Mandal	
		170 (Online)	Engaging Investors through Social Media: A Positive Sentiment Analysis of Emtrade's Twitter	Dian Kurnianingrum	
		207 (Online)	A Novel RCNN-CNN Hybrid Framework for Emotion Recognition in Facial Expressions	Deepak Kumar	
<b>DAY 03 : 23<sup>rd</sup> November 2024 (Saturday)</b>					
09:15AM-10:30AM	<b>Session-16</b> Venue : LT-1 Track : ILA	338	Performance Analysis of Machine Learning Models for Liver Disease Patient Classification	Ranjit K Behera	
		339	QLSTM4FM: Quantum Assisted Long Short-Term Memory Framework for Financial Market Trend Forecasting	Sourodeep Kundu	
		198 (Online)	Machine Learning Based Residual Life Assessment for Health Indexing of Distribution Transformers	Sujit Kumar Pathak	
		202 (Online)	Potato Plant Leaf Disease Detection using optimized CNN and Transfer Learning	Reena Karandikar	
		281 (Online)	Optimized stacked classifier to predict Hepatitis B disease	Shweta Agrawal	
	<b>Session-17</b> Venue : TH-1 Track : DBA	237 (Online)	Exploring the Link between Corporate Sustainability and Organizational Performance in Indian Public Companies	Radhika P	
		244 (Online)	Exploring User Engagement with TikTok Live Shopping: A Sentiment Analysis	Dian Kurnianingrum	
		247 (Online)	A Sentiment Analysis of Product Review Data Through Large Language Models (LLMs)	Himanshu Sinha	
		249 (Online)	An Efficient Machine Learning Based Models for Anomaly Detection in Network Traffic	Himanshu Sinha	
		251 (Online)	Computer Vision Techniques for Automated Detection of Wildflower Growth Stages	Balajee Maram	
	<b>Session-18</b> Venue : TH-2 Track : CNI	240 (Online)	Enhance the Intrusion Detection performance of WSN using RLA	Kanala S Saimadhuri	
		245 (Online)	Efficient ECG Signal Enhancement using Partial Update Augmented Complex LMS ALgorithm	Md Zia Ur Rahman	
		267 (Online)	A lightweight encrypted packet priority classification framework for Cognitive radio enabled Industrial IoT Networks	Bikash Mazumdar	
		294 (Online)	Enhancing Customer Churn Prediction in Telecommunication with CNN-Gradient Boosting Machine	B Kiran Bala	
		328 (Online)	Safe Distance Maintaining Car To Avoid Accident	Komma Lavanya	
	03:00PM-04:30PM	<b>Session-19</b> Venue : LT-1 Track : ILA	232	Innovative Approach for Early Detection and Risk Assessment of Lung Cancer Using Machine Learning Techniques	Satyaprakash Swain
			196	Enhanced Textual Image Classification with Ensemble Learning of MobileNetV2 and ResNet50	Sasmita Tripathy
			325 (Online)	Diagnosis of digital mammograms using computer-assisted system: A Review	Figlu Mohanty
			335 (Online)	Early Detection of Neurodevelopmental Disorders: Quantifying Autism Behavioral Markers with Computer Vision and Artificial Intelligence	Raksheet Jain
			340 (Online)	AI Enabled Digital Twin Models to Enhance Security in Smart Cities	Aamir Mayan
309 (Online)			Facial Emotion Recognition Through Artificial Intelligence and Machine Learning	Preet Sadhwani	

Time	Session	Paper ID	Title	Presenter Name	
03:00PM-04:30PM	<b>Session-20</b> Venue : TH-1  Track : DBA/ILA	337	Comparative Assessment of ML Models for Water Quality Prediction in Biofloc Aquaculture: A Data-Driven Approach	Samaleswari Prasad Nayak	
		264 (Online)	Assessing the Impact of Tax on Enterprises in Bengaluru: Insights from Poisson and Machine learning Models	Usha N	
		285 (Online)	Utilizing Artificial Intelligence for Enhancing Performance and Preventing Injuries in Sports Analytics	B Kiran Bala	
		302 (Online)	Predictive Modeling of Crime Types and Occurrences Using Machine Learning and Deep Learning	Kaustav Mitra	
		254 (Online)	Flood Forecasting with Classical and Quantum Machine Learning Models: A Comparative Analysis	Balajee Maram	
		256 (Online) ILA	Advanced Deep Learning Approaches for Content-Based Image Retrieval System in Skin Cancer Diagnostics	Isaac Neha Margret	
	<b>Session-21</b> Venue : TH-2  Track : PCS/ILA	292	Energy Management Strategy for a DC Micro-Grid system using FOPID Controller and POA Optimization Technique	Raturaj Pattanayak	
		300	Design of PV fed Bidirectional Converter using PI Controller for EV Charging Station	Nibedita Swain	
		331	Electric Vehicle Integration as virtual inertia for frequency control in two-area hybrid microgrid system	Gyana Ranjan Biswal	
		301 (Online)	Integrated System Optimization for Enhanced Performance of a Physical Model: A MATLAB and Python Approach	T Dinesh Varma	
		126 (Online) ILA	A Secure and Collaborative Approach to Breast Tumor Detection Using Federated Learning and CNNs	Shiva Mehta	
203 (Online) ILA		Enhancement of various images using coefficients of Analytic Functions with Python™	Kishore N S		

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