

# CALCON 2024 PROGRAM SCHEDULE

## DAY 1: Saturday 14th Dec 2024

VENUE	Dr. H. L. Roy Auditorium, Inst. of Chemical Engrs. Bldg. (JU Gate 3, near Jadavpur Post Office)	K. P. Basu Memorial Hall, Engg. Sc. Bldg. (JU Gate 3)	Room No. 209 TEQIP building, (JU Gate 3)	Seminar Room of Electrical Engg. Dept.
9-00 am onwards	Registration			
10-00 am to 11-00am	Inauguration			
11-00 am to 11-15am	Tea			
11-15 am to 12-15 pm	<b>Keynote address:</b> Prof. Asif Ekbal on "Empathetic AI: Teaching Computers Empathy and Politeness"			
	<b>Session Chair:</b> Prof. Sivaji Bandyopadhyay			
12-15 pm to 1-30 pm	<b>Session I:</b> Image Processing, Computer Vision (CSE)	<b>Session II:</b> IoT (ECE)	<b>Session III:</b> VLSI (ECE)	<b>Session IV:</b> Control & Automation (EE)
	<b>Paper IDs:</b> 54, 59, 81, 188	<b>Paper IDs:</b> 17, 47, 48, 49, 57, 58	<b>Paper IDs:</b> 129, 143, 208, 217, 218	<b>Paper IDs:</b> 64, 83, 89, 169, 191, 212
	<b>Session Chair:</b> Dr. Sk Md Obaidullah	<b>Session Chair:</b> Dr. Prasun Ghosal	<b>Session Chair:</b> Dr. Manash Chanda	<b>Session Chair:</b> Prof. Ashok Sutradhar
Lunch at University Guest House (starts from 1-30 pm)				
2-30 pm to 4-00 pm	<b>WIE Session:</b> <b>Keynote address:</b> Prof. Amit Konar on "Brain Computer Interfacing"	<b>Session V:</b> Network, Security, Computing (CSE)	<b>Session VI:</b> IoT (ECE)	<b>Session VII:</b> Power & Energy (EE)
	<b>Session Chair:</b> Prof. Sheli Sinha Chaudhuri	<b>Paper IDs:</b> 15, 69, 117, 123, 124, 149	<b>Paper IDs:</b> 106, 120, 122, 160, 183, 207	<b>Paper IDs:</b> 119, 153, 193, 204
	<b>Panel Discussion:</b> "AI and Sustainability" <b>Moderator:</b> Ms. Sudeshna Mazumder, IBM <b>Panelists:</b> Prof. Chiranjib Bhattacharjee, Jadavpur Univ. Dr. Arundhuti Misra Ray, ISRO Dr. Debabrata Roy, R. N. Tagore Hospital Ms. Sahana Bhowmik, DITO	<b>Session Chair:</b> Dr. Suparna Biswas (Saha)	<b>Session Chair:</b> Prof. Goutam Saha	<b>Session Chair:</b> Prof. Subrata Paul
4-00 pm to 5-30 pm	<b>Industry Session:</b> <b>Plenary talk:</b> Abir Biswas on "Ericsson's 6G roadmap: Transformation from 5G to 6G & its applicability for Smart Mobility, Smart Grid and Smart City" <b>Industry Panel Discussion:</b> "Impact of Artificial Intelligence (AI) on Academia and Industry"	<b>Session VIII:</b> Artificial Intelligence, Machine Learning (CSE)	<b>Session IX:</b> Antenna & Propagation (ECE)	<b>Session X:</b> Power Electronics & Drives (EE)
		<b>Paper IDs:</b> 66, 88, 98, 146, 209	<b>Paper IDs:</b> 61, 102, 107, 115, 137, 138	<b>Paper IDs:</b> 62, 67, 71, 74, 184
		<b>Session Chair:</b> Dr. Chandreyee Chowdhury	<b>Session Chair:</b> Dr. Soumen Banerjee	<b>Session Chair:</b> Prof. Debabrata Roy
	<b>Moderator:</b> Dr. Pallab Ganguly <b>Panelists:</b> Prof. Amlan Chakraborty: Cal Univ Mr. Subhamoy Chakraborty: CTO, ABP			

	Mr. Sourav Das- CDIO, Rupa & Co Mr. Partha Sengupta: Sr. Vice President, ITC Dr. Arindam Sarkar, HOD, CSE, Ramkrishna Mission, Belur Mr. Srimanta Kundu, Ericsson			
5-30 pm to 6.30 pm				<b>Session XI: Assorted</b>
				<b>Paper IDs:</b> 37, 38, 39, 53, 94, 113, 170
				<b>Session Chairs:</b> Prof. Debangshu Dey & Prof. Biswendu Chatterjee
Dinner at University Guest House 7-30 pm onwards				

DAY 2: Sunday 15th Dec 2024				
VENUE	Dr. H. L. Roy Auditorium, Inst. of Chemical Engrs. Bldg. (JU Gate 3, near Jadavpur Post Office)	K. P. Basu Memorial Hall, Engg. Sc. Bldg. (JU Gate 3)	Room No. 209 TEQIP building, (JU Gate 3)	Seminar Room of Electrical Engg. Dept.
10-00 am to 11-30 am	<b>Session XII:</b> Antenna & Propagation and Communication (ECE)	<b>Session XIII:</b> Natural Language Processing, Internet of Things (CSE)	<b>Session XIV:</b> Sensors & Instrumentation (EE)	
	<b>Paper IDs:</b> 164, 168, 195, 202	<b>Paper IDs:</b> 9, 63, 93, 133	<b>Paper IDs:</b> 78, 112, 135, 203, 211	
	<b>Session Chair:</b> Prof. Susanta Parui	<b>Session Chair:</b> Dr. Kamal Sarkar	<b>Session Chair :</b> Prof. Sugata Munshi	
11-30 am to 12-45 pm	<b>Keynote address:</b> Prof. Chandrakanta Kumar On "Deep Space Communication Systems"			
	<b>Session Chair:</b> Prof. Animesh Maitra			
Lunch at University Guest House (starts from 12.45 pm)				
2-00 pm to 3-15 pm	<b>Keynote address:</b> Prof. Kishore Chatterjee, on "Harvesting of Energy from Solar Photovoltaic System and its Utilization through the Grid"			
	<b>Session Chair:</b> Prof. Shivaji Chakravorti			
3-15 pm to 4-30 pm	<b>Session XV:</b> Signal Processing (EE)	<b>Session XVI:</b> Data Science, Big Data, Optimization (CSE)	<b>Session XVII:</b> Machine Learning (ECE)	
	<b>Paper IDs:</b> 27, 28, 79, 157, 167, 173	<b>Paper IDs:</b> 65, 165, 166, 176, 196	<b>Paper IDs:</b> 68, 90, 92, 140, 175, 190	
	<b>Session Chair:</b> Prof. Kaushik Das Sharma	<b>Session Chair:</b> Dr. Sunirmal Khatua	<b>Session Chair:</b> Prof. Debashis De	
4-30 pm to 5-00 pm	<b>Valedictory session</b>			