



## International Conference on Recent Advances in Industry 4.0 Technologies (ICRAIT 2022)

September 14 – 16, 2022

organized by  
 Department of Mechanical Engineering and Computer Science Engineering  
 National Institute of Technology Puducherry, Karaikal, INDIA.

### CONFERENCE SCHEDULE

<b>ONLINE LINK</b>  <b>(Microsoft Teams)</b>	<a href="https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F%20%23%2F%2Fmeetup-join%2F19%3Ameeting_NjY0MjQxYTgtN2U0ZC00YTMzLTlkMzQtMzY0MmZhY2VhNDAY%40thread.v2%2F0%3Fcontext%3D%257b%2522Tid%2522%253a%2522c867fce3-b007-4d2e-b62c-1b7285938373%2522%252c%2522Oid%2522%253a%2522bd329d6b-9925-498e-8f3e-811df303b107%2522%257d%26anon%3Dtrue&amp;type=meetup-join&amp;deeplinkId=25cd045f-9db7-4c70-8b23-50e6ecd7f13a&amp;directDl=true&amp;msLaunch=true&amp;enableMobilePage=true&amp;suppressPrompt=true">https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F%20%23%2F%2Fmeetup-join%2F19%3Ameeting_NjY0MjQxYTgtN2U0ZC00YTMzLTlkMzQtMzY0MmZhY2VhNDAY%40thread.v2%2F0%3Fcontext%3D%257b%2522Tid%2522%253a%2522c867fce3-b007-4d2e-b62c-1b7285938373%2522%252c%2522Oid%2522%253a%2522bd329d6b-9925-498e-8f3e-811df303b107%2522%257d%26anon%3Dtrue&amp;type=meetup-join&amp;deeplinkId=25cd045f-9db7-4c70-8b23-50e6ecd7f13a&amp;directDl=true&amp;msLaunch=true&amp;enableMobilePage=true&amp;suppressPrompt=true</a>
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**Day 01 – 14 September, 2022**  
**(Wednesday)**

**Venue- Conference Hall, Administrative Block**

Date	Session	Time	Event	Description	Session Chair	Assisting Scholars	Paper ID
14.09.2022 (Wednesday)	FN	09.00 a.m. to 10.30 a.m	Inaugural Ceremony	<b>Inaugural Ceremony</b> of ICRAIT 2021 presided by Prof. K. Sankaranarayananasamy, Director, NIT Puducherry.	-	Ms. Prema Latha R Ms. Nageswari	-
		10.30 a.m. to 11.30 a.m.	Keynote Lecture I	<b>IR 4.0 and Key Technologies</b> Prof. K. Sankaranarayananasamy, Director, NIT Puducherry.	-	Ms. Prema Latha R Ms. Nageswari N	-

Date	Session	Time	Event	Description	Session Chair	Assisting Scholars	Paper ID
14.09.2022 (Wednesday)	FN	11.45 a.m. to 01.30 p.m.	Presentation Session -I	Additive Manufacturing, Applied AI	Dr. Karpagaraj A, Dr. Ansuman Mahapatra	Ms. Nageswari N Ms. Prema Latha R	6831, 7133, 3740, 0516, 9489, 1217
14.09.2022 (Wednesday)	AN	02.00 p.m. to 6.00 p.m.	Presentation Session -II	Robotics and Automation, Industrial IOT and Cloud Manufacturing, Applied AI	Dr. Ronald Asser Dr.. Ramjethmalani	Mr. Nageswari N Ms.Sunandha	6103, 7744, 9338, 7682, 0814,3782, 7409, 5704, 6781, 3845, 8571,6779

**Day 02 – 15 September, 2022  
(Thursday)**

Date	Session	Time	Event	Description	Session Chair	Assisting Scholars	Paper ID
15.09.2022 (Thursday)	FN	09.30 a.m. to 1.30 p.m.	Presentation Session -III	Big data and IoT, Immersive Technologies, Applied AI	Dr. Naveen Raj R Dr. Vani V	Mr.Sankat Kulkarni S Ms.Nageswari N	5705, 9829, 4435, 5651, 5706, 7158, 686, 9442, 2698, 1195, 3628, 1822, 7091, 6541, 6665
15.09.2022 (Thursday)	AN	02.30 p.m. to 04.00 p.m.	Keynote LectureII	<b>Progress Towards Robotic Disassembly for Remanufacturing 4.0</b>  Prof. Duc Truong Pham, Mechanical Engineering University of Cardiff, Wales	-	Ms.Nageswari N Mr.Sankat Kulkarni S	-
		04.30 p.m. to 06.00 p.m.	Presentation Session -IV	Appiled AI	Dr.Sathishkumar P Dr. Hemachander A	Mr.Eswaran M Mr.Sankat Kulkarni S	9681, 7248,7327,7466, 5739

**Day 03 – 16 September, 2022 (Friday)**

Date	Session	Time	Event	Description	Session Chair	Assisting Scholars	Paper ID
16.09.2022 (Friday)	FN	09.30 a.m. to 11.00 a.m.	Keynote Lecture III	<b>Neoteric Frontiers in Cloud, Edge and Quantum Computing</b>  <b>Prof. Rajkumar Buyya,</b> Computer Science Engg, University of Melbourne, Australia	-	Mr.Eswaran M Ms.Premalatha R	-
		11.00 a.m. to 12.30 p.m.	Presentation Session -V	Applied AI and Miscellaneous	Dr.Somasundaram S Dr. Ansuman Mahapatra	Mr.Eswaran M Ms.Premalatha R	5917, 7133, 4413, 1355, 1461, 9682
16.09.2022 (Friday)	AN	2.00 p.m to 4.00 pm	Presentation Session -VI	Miscellaneous	Dr. Malaya Kumar Nath, Dr. Sanjay Bankapur, Dr. Ronald Asser	Mr.Sankat Kulkarni S Ms.Nageswari N	9556, 5809, 7131, 4545, 0576,1502,6162,7946
		4.30 p.m to 5.15 p.m	Vaedictory	Prof. K. Sankaranarayananamy, Director, NIT Puducherry.	-	Mr.Sankat Kulkarni S Ms.Nageswari N	-

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