## Second International Conference on Machine Learning, Deep Learning and Computational Intelligence for Wireless Communication MDCWC 2023 22<sup>nd</sup> June to 24<sup>th</sup> June 2023 (Hybrid Event) Pattern recognition and Computational Intelligence group, Department of Electronics and Communication Engineering National Institute of Technology Tiruchirappalli

Publication partner	Motivation Due to the availability of high speed computing system, there is the huge scope to still raise the standard of wireless communication in terms of massive connectivity, capacity enhancement, ultra-high reliability, low latency using Machine learning (ML), Deep learning (DL) and Computational intelligence (CI) algorithms. The conference aims in bringing out the wireless research community and machine learning research community to submit their findings integrating ML, DL and CI for wireless communication. About 50 top quality papers are expected to be presented in the Hybrid mode and is planned to publish the presented papers as the book in the series of Signals and communication technology (published by springer). The papers are grouped under one of the four category namely (a)Tutorial papers (b)Survey papers (c) Research articles (d) Data publications on MDCWC.						NITW NIT VNIT e, NITP IITA	Dr. Lakshi Prosad Roy, NITR Dr. Lyla B Das, NITC Dr. Malaya Kumar Nath,NITP Dr. Malmathanraj, NITT, Dr. Milind Thomas, IIIT,Kottayam Dr. Naresh Reddy, NITT Dr. Nickolas S, NITT	Dr. Shweta Shah, SVNIT,Surat Dr. Shyam Lal, NITK Dr. Siddhartha S. Borkotoky, IITB Dr. Smriti Agarwal, MNITA Dr. Sonam Maurya, IIIT, Pune Dr. Sreenath Reddy Thummaluru, IIIT,Kancheepuram Dr. Sriharipriya KC, VIT, Vellore
Technology № Springer	Key Note Speakers Prof. Arumugam Nallar Professor of Wireless Comm Web of Science Highly Cite Founding Head of Commun Group School of Electronic Engine	nunications, FIEEE, Fl ed Researcher nication Systems Resea	IET, CEng, rch (CSR)	Tiruchirappalli Invited Talks		Dr. Aparna P, NITK Dr. Ashraf Hossain,N Dr. Avik Hati, NITT Dr. B Shameedha bu Dr. B. Chandrababu Dr. B. Nithya, NITT Dr. Bibin, NITT Dr. Bindiya T. S, NITO Dr. C. Oswald, NITT Dr. Ch V Rama Rao,	egum, NITT Naik, NITT C	Dr. P. Maheswaran, NITT Dr. Poonam Singh, NITR Dr. Prabhat Sharma, VNIT,Nagpur Dr. Prabu K, NITK Dr. Prashant K Shah, SVNIT, Surat , Dr. Priyanka, IIIT,Kancheepuram	Dr. Srinivasulu Jogi, NITT Dr. Sudharsan, NITT Dr. Surendar, NITP Dr. Tushar Muratkar, IIITN Dr. Umesh Chandra Pati,NITR Dr. V V Mani, NITW Dr. V. Sakthivel, NITC, Dr. V. Sudha, NITT Dr. Vasundhara, NITW Dr. Vinay Raj, NITT
	Queen Mary University of	0		science, IIT Palakkad		Dr. Chayan Bhar, NI Dr. Christopher Clen	τw	Dr. Pushpendra Singh, NITH Dr. R Murugan, NITS Dr. Babul Mashram IIITA	Dr. Vindy Ramble, VNIT, Napur Dr. Vishal Ramesh Satpute,VNIT,
	Dr. Jithin Jagannath Chief Scientist of Technology, Founding Director of Marcon Adjunct Assistant Professor, Do	ui-Rosenblatt AI/ML Ini	Solutions, LLC, novation Lab,	Nagpur <b>Dr. Rahul mashram</b> ,	Sharma, Department of ECE, VNIT Department of ECE, IIIT Allahabad epartment of ECE, IIT Indore	VIT, Vellore Dr. Deepthi P P, NIT Dr. Deepti Kakkar, N Dr. Deivalakshmi, NI Dr.Dheeraj Dubey,N	C IITJ ITT INNIT	Dr. Rahul Meshram, IIITA Dr. Ravi Kumar Jatoth, NITW Dr. Reshmi Dhara, NITS Dr. Roshan Bodile, NITJ Dr. S. Usha Rani, VIT, Chennai Dr. S.Sangeetha, NITT	Dr. Vishar Kannesh Satpute, VNIT, Nagpur Dr. Vishnu Priya, NITT Dr. Wasim Arif., NITS External session chairs
MDCWC2023 mdcwc2023@nitt.edu	University at Buffalo IEEE Senior Member   IEEE Re Awardee, AFCEA International Meritoric Under 40		AFCEA 40	Workshop 1: Mathematical foundations Learning. Speakers: 1.Dr. E. S. Gopi Workshop 2:	s for Wireless communication and Machine and Dr. P. Maheswaran.	Dr. Dibyendu Ghosh Dr. E. S. Gopi, NITT Dr. G M Rather, NITS Dr. G Thavasi Raja, N Dr. Ganesh Prasad, I Dr. Hemanth kumar Dr. Ila sharma, MNIT	S VITT NITS ,NITT	Dr. S.Saroja, NITT Dr. Sagar Motdhare, IIIT,Nagpur Dr. Salam Shuleenda Devi, NITM Dr. Shravan Kumar Bandari, NITM	Dr. Anamika singh, VNIT Nagpur Dr. Prabhat Kumar sharma, VNIT Nagpur Dr. Rahul mashram, , IIIT Allahabad Dr. Shyam Ial, , NIT, Karnataka
Patron Dr. G. Aghila, Director, NIT, Tiruchirappalli	Paper Submission (Completed): Track 1: Machine learning, Deep learning and Computational		Computational	Deep Learning based RF a Hands-on Recognized by	Dr. Jakkepalli Pavan Kumar,NITT     Dr. Shrishail Hiremath, NITR     Dr. Swaminathan,, IIT Indore       Tentative Programme schedule				
Organisers cum Editors	intelligence algorithms			IEEE COMSOC ETI-MI		DAY 1	1		
	Track 2: Wireless Communic Track 3: Mobile data applica			Initiative	mahes@nitt.edu mdcwc2023@nitt.edu	Start 9.30 A.M.	End 10.00 A.M.	Event Inauguration	
Dr. E.S. Gopi, Convener	Track 4: Hardware Realization			For complete details click her		10.00 A.M. 11.15 A.M. 1.30 P.M.	12.30 P.M. 2.30 P.M.	Key Note presentation 1 Technical paper presentation Invited Talk 1	ons 1 (Two parallel sessions)
<u>esgopi@nitt.edu</u> Dr. P. Maheswaran,	Review and Publication deta	ils (Link for registration	<u>)</u> :			2.30 P.M. 3.45 P.M. Visit to DAY 2	3.45 P.M.	Technical paper presentati	ons 2 (Two parallel sessions)
Co-ordinator <u>mahes@nitt.edu</u>	Every submitted papers will be	subjected to review by the	hree reviewers (Sin	gle-blind review process wil	I be executed) and all the accepted papers will be ndexed by EI Compendex and Scopus databases).	9.00 A.M.	10.00 A.M.	Invited Talk 2	2 (T
	Registration Type	Mode of Participation	Indian Registratio	n Foreign Registration	Benefits	10.00 A.M. 11.45 A.M. 1.45 P.M.	11.30 A.M. 12.45 P.M. 3.45 P.M.	Invited Talk 3 Workshop I	ons 3 (Two parallel sessions)
Past Event	Full Author Registration Participant Registration	Hybrid Hybrid	Rs.8000 Rs.3000	150 USD 50 USD	Access to all the events of the conference + Paper presentation + Publications Access to all the events of the conference	4.00 P.M. DAY 3	5.15 P.M.	Technical paper presentati	ons 4 (Two parallel sessions)
	Workshop 1 Registration	Hybrid	Rs. 1000	15 USD	Access to an the events of the content of the conte	9.00 A.M. 10.15 A.M.	10.00 A.M. 12.15 P.M.	Key Note presentation 1 Workshop II	
Nearby Tourist Attractions	Workshop 2 Registration	Hybrid	Rs. 1000	15 USD	Access to workshop Day 2: 1.45 P.M. to 3.45 P.M.	1.15 P.M. 2.30 P.M.	2.15 P.M. 3.45 P.M.	· · · · ·	ons 5 (Two parallel sessions)
	Limited free Registration for ONLINE participation (Registration portal will be opened few days before the event)	Hybrid	NIL	NIL	Access to Key Note presentations, Invited talk and Paper presentation sessions. Registration will be based on FCFS basis	Simy M Baby, Ha	ariganesh.E.G., ita, Tushar Agr	ajasekhar reddy poreddy, Vin , K.M.Deepika Rajpoot (Res	nodha K, Kiruthika C, Neema M, search scholars) gwanswaroop, Sourav bhaktha



	Event							
A.M.	Inauguration							
A.M.	Key Note presentation 1							
P.M.	Technical paper presentations 1 (Two parallel sessions)							
M.	Invited Talk 1							
M.	Technical paper presentations 2 (Two parallel sessions)							
storica	l places							
A.M.	Invited Talk 2							
A.M.	Technical paper presentations 3 (Two parallel sessions)							
P.M.	Invited Talk 3							
M.	Workshop I							
M.	Technical paper presentations 4 (Two parallel sessions)							
A.M.	Key Note presentation 1							
P.M.	Workshop II							
M.	Invited Talk 4							
M.	Technical paper presentations 5 (Two parallel sessions)							
D	arks							