

ICCST 2023 Conference Report

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Defence Institute of Advanced Technology, Pune
(Deemed to be University)

Established u/s 3 of the UGC Act 1956,

MHRD, Government of India has placed DIAT (DU) in the category 'A' Deemed University and 'NAAC' & 'NBA' Accredited
(An autonomous organization, Department of Defence Research & Development, Ministry of Defence, Government of India)



Conference Report

IEEE INTERNATIONAL CARNAHAN CONFERENCE ON SECURITY TECHNOLOGY

October 11th -15th, 2023,

CV Raman Auditorium,
Defence Institute of Advanced Technology(DIAT),
Pune, India



Website: <https://site.ieee.org/iccst/2023-pune-india/>

ICCST 2023 Conference Report

ICCST 2023 Program Summary

Sl No	Date	Time	Session	
1	11 th October 2023 Wednesday	9:30AM-5:30PM	Registration of Participants Carnahan Golf Cup	
2	12 th October 2023 Thursday	9:30AM-11AM	ICCST 2023 Conference Inauguration Program, CV Raman Auditorium	
		11AM-11:30AM	Tea Break	
3		11:30AM -1PM	Key Note Presentations 1 and 2	
		1PM-2PM	Lunch Break	
4		2PM- 3PM	Paper Sessions 1 and 2, Poster Session 1	
		3PM -3:3PM	Tea Break	
5		3:30PM-4:30PM	Paper Sessions 3 and 4, Poster Session 2	
6		4:30PM-6PM	Key Note Presentations 3 and 4	
7	13 th October 2023 Friday	9:30AM- 11AM	Key Note Presentations5 and 6	
		11AM-11:30AM	Tea Break	
8		11:30AM-1PM	Paper Sessions5 and 6, Poster Session 3	
		1PM-2PM	Lunch break	
9		2PM-3:30PM	Paper Sessions7 and 8, Poster Session 4	
		3:30PM-4PM	Tea Break	
10		4PM-5:30PM	Key Note Presentations 7 and 8	
		5:30PM-6PM	Break	
11		6PM-6:30PM	Presentation by M/S Akridata	
12		6:30PM-7:30PM	Cultural Presentation	
14		14 th October 2023 Saturday	9:30AM-11AM	Key Note Presentations 9 and 10
			11AM-11:30AM	Tea Break
15	11:30AM-1PM		Paper Sessions 9 and 10	
	1PM-2PM		Lunch Break	
16	2PM-3:30PM		Paper Sessions11 and 12	
	3:30PM-4PM		Tea Break	
17	4PM-5:30PM		Valedictory Program	
	5:30PM-6PM		Break	
18	6PM-8PM	Cultural Program		
19	15 th October 2023 Sunday	9AM-6PM	Conducted sight Seeing Tour	

Carnahan Golf Cup

The Carnahan Golf Cup was organized on 11th October 2023 at Poona Golf Club. Six players including Dr Gordon Thomas and Dr CRS Kumar, participated in the golf tournament. The tournament was conducted in StableFord format for a round of 18-holes. The winner and runner up for the Golf cup are Gp Capt George Prakash and Lt Col Atul Parashar.



Figure 1: Dr CRS Kumar, Lt Col Atul and Gp Capt Ajay at the tee-off point



Figure 2 Gp Capt Modi, Dr Gordon and Gp capt George Prakash greeting each other



Figure 3 Group photo of the players with Dr Gordon holding the Carnahan Cup

ICCST 2023 Conference Inauguration

ICCST 2023 conference inauguration was conducted in CV Raman Auditorium, DIAT on 12th October 2023. The conference consisted of nine key note presentations, 54 research papers and 6 posters being presented. The participants came countries such as Australia, Jordan, India, Slovakia, UK, Spain, Italy, New Zealand.



Figure 4 Dr Panigrahi, Dr Soodamani, Dr Gordon Thomas and Dr CRS Kumar on dais for inauguration ceremony



Figure 5: Lighting the lamp



Figure 6: Lighting the lamp by Dr Panigrahi



Figure 7: Dr CRS Kumar welcoming the chief guest Dr Gordon Thomas



Figure 8: Dr Panigrahi welcoming the participants for the conference



Figure 9: Release of the Proceedings of the conference Program



Figure 10: Dr CRS Kumar presenting the overview of the conference



Figure 11: Dr Gordon presenting FBCS certificate to Dr CRS Kumar



Figure 12: Dr Nalin Sharda presenting a keynote lecture entitled " Human Aspects of Cyber Security"



Figure 13: Dr SK Pal, Scientist G, SAG presenting a Keynote lecture entitled " Ensuring Long-term Cryptographic Security"

ICCST 2023 Conference Report



Figure 14 Dr Fabio Garzia presenting his Paper



Figure 15: Alok Mukherjee presenting a keynote lecture entitled "Autonomous Vehicle Development for Military Applications"



Figure 16 : Dr Soodamani Ramalingam, University of Herfordshire, UK presenting a key note lecture entitled “Blockchain for Land Administration in Nigeria: A Use Case”



Figure 17: Dr Miguel Angelo Ferrer from Spain presenting his paper



Figure 18: Paper presentation by one of the authors



Figure 19: Paper presentation by Ms Anupama Pandit, PhD student DIAT

ICCST 2023 Conference Report



Figure 20: Paper presentation by Lt Col Sandeep Kumar, MTech Student, DIAT



Figure 21: Dr CRS Kumar introducing the speaker



Figure 24 Lt Col Anand presented his keynote lecture entitled " Emerging Threats from Convergence of Metaverse, 5G, Web 3.0 in the post quantum era". He is presented by Dr Gordon with a certificate.



Figure 25: Dr Anas Hussais from Spain presenting a paper



Figure 26: Poster Presentation session in progress

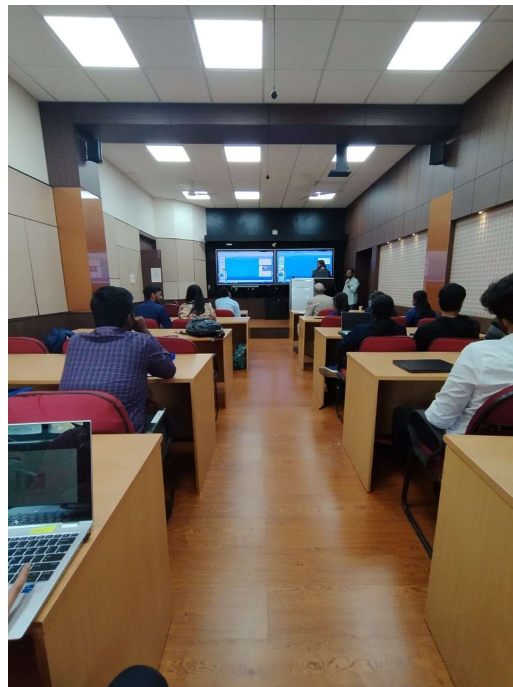


Figure 27: Parallel Paper session in progress



Figure 28: Dr CRS Kumar, General Chair ICCST 2023 speaking at the Valedictory function



Figure 29: Dr Gordon sharing his thoughts about the ICCST 2023



Figure 30: Carnahan Golf Cup Runner up Lt Col Atul Parashar receiving the trophy



Figure 31: Carnahan Golf Cup winner's trophy to Gp Capt George Prakash



Figure 32: Presentation of Best Paper award



Figure 33: Presentation of Best Paper award to Prof Miguel Angel Ferrer for his paper entitled "3D Synthetic On-Air Signatures for Biometric Attack"



Figure 34: Presentation of Best Paper award



Figure 35: Presentation of Best paper award



Figure 36: Dr Sushma compering the valedictory function



Figure 37: Group photo of participants after the Valedictory function



Figure 38: Capt(Retd) Param Pal Singh presented a cultural talk

ICCST 2023 Conference Report



Figure 39: Cultural Program was presented by students of DIAT



Figure 40: Dance performance by Ms Ruchita, MTech student of DIAT



Figure 41: Students performing during cultural program



Figure 42: Sight Seeing trip to Sinhagad Fort organized for participants



Figure 43: Sight Seeing Trip for the participants of ICCST 2023 on 15th Oct 2023



Figure 44: The Dr CRS Kumar at the entry to CV Raman Auditorium, DIAT with the poster of ICCST 2023

ICCST 2023 Executive Committee

Adrian Schwaninger, Switzerland	Martin Hromada, Slovakia
Alfonso Bilbao, Spain	Michael Coole, Australia
Brian G. Rich, Canada	Miguel Angel Ferrer, Spain
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IEEE ICCST 2023 Organization Committee

Sl No	Organization Role	Name	Dept
1	Chief Patron	Dr Samir Kamath	Chairman, DRDO
2	Patron	Dr CP Ramanarayanan	VC, DIAT
3	General Chair Co-chair	Prof CRS Kumar Dr Manisha Nene Dr Gordon L Thomas	Professor, DIAT
4	Treasurer Co-chair	Dr S. Sirurmath Dr Pankaj Nadge	University Librarian, DIAT
5	Food Committee Chair Co-chair	Dr SK Panigrahi Dr Srikanth Dasari	Professor, DIAT
6	Accommodation Committee Chair Co-chair	Dr ShaibalBannerjee Dr Vijay Pattar	Professor, DIAT
7	Stage Committee Chair Co-chair	Dr Arun Mishra Dr Dipti Vidyarthi	Assoc Professor, DIAT
8	Registration Committee Chair Co-chair	Dr Upasna Singh Dr Sowmya	Asst Professor, DIAT
9	Cultural Committee Chair Co-chair	Dr OdeluOjjela Dr SunitaDhavale	Assoc Professor, DIAT
10	Paper Session Planning Chair Co-chair	Dr Bharath Ramakrishna Dr Ganapathi Joshi	Asst Professor DIAT
11	Foreign Participants Chair Co-chair	Dr DevnathDhire Dr Kanaka Raju	Associate Professor, DIAT

ICCST 2023 Conference Report

12	Inauguration and Valedictory Planning Chair Co-chair	Dr Sushma Kumari Dr Neelesh Ware	Asst Professor, DIAT
13	Carnahan Golf Cup Chair Co-chair	GpCapt George Prakash and GpCapt H Modi	MTech Students, Tech Management, DIAT
14	Transport Committee Chair Co-chair	Dr Yogeshwar Singh Dr Bhubon Chandra	Asst Professor, DIAT
15	Exhibition Committee Chair Co-chair	Dr Rajesh Singh Dr Sunil Nimje	Asst Professor, DIAT

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Revision History:

Version	Author	Reviewers
1.0/20/10/2023	CRSK	Dr Gordon, Gp Capt Prakash
2.0/ 1/11/2023	CRSK	