

ORGANIZED BY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY FACULTY OF ENGINEERING AND TECHNOLOGY SCHOOL OF COMPUTING



Third International Conference on Internet of Things (ICIoT 2022)

5 – 7 April, 2022

Organized by SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Faculty of Engineering and Technology School of Computing

CONFERENCE THEME AND OBJECTIVES

The School of Computing, SRM Institute of Science and Technology, Chennai, India conducted the 3rd edition of International Conference on Internet of Things (ICIOT 2022) from April 5th to 7th, 2022 in the Kattankulathur campus, Chennai.

The conference aimed to provide an outstanding opportunity for both academic and industrial communities to address new trends and challenges in emerging technologies and progress in standards on topics relevant to today's fast-moving technology trends in to the Internet of Things. It also provided a platform for the discussion of new results in the field of Internet of things. Different themes are addressed on each day and each theme contains different thought-provoking sessions.

The first day sessions were meant to focus on application of IoT in the field of Computer Science and Information Technology. On the second day Startups and Entrepreneurs shared their success stories and experiences in implementing IoT and few sessions were focused on Industrial IoT. Government initiatives like Digital India, Smart Cities, where top bureaucrats from various departments were planned on the themes during the last day of the Conference. Researchers, Faculty, Students and Practitioners were presented their findings and ideas during the Paper presentation session on all the three days.

We have received 256 papers including authors from countries like Australia, Turkey, Lithuania, and Saudi Arabia. The conference is inaugurated on 5th April 2022 with the dignitaries from SRM IST, DST, DRDO, Australia, USA, Canada, Singapore, and Ireland.



Inauguration Function

Day 1 05-04-2022

The Conference started with Tamil Thai Valthu& Lightening Kuthuvilakku at 9.30 AM. followed by welcome address by Dr.Revathai Venkataraman, Chairperson, School of Computing. Dr.G.Maragatham, Associate Professor, Computing Intelligence gave brief introduction about the conference. Dr.T.V.Gopal, Dean, College of Engineering and Technology delivered presidential address. Dr. Sivaji Chandaram, Director, Ministry of Science and Technology, Government of India & Mr.Shailesh R Chansarkar, Scientist, DRDO delivered their special addresses.Dr T.V Gopal released the conference proceedings which was received by Mr. Shailesh R Chansarkar. The inaugural function was concluded with a note of thanks by Dr.M.Pushpalatha, HOD, Computing Technologies and wishes for great success of the conference.



Expert Members On the Dias



Chief Guest Inaugurating Conference



Welcome Address -Dr.Revathai Venkataraman



Conference Introduction - Dr.G.Maragatham



Presidential Address -Dr.T.V.Gopal



Special Address - Dr. Sivaji Chandaram



Special Address -Mr.Shailesh R Chansarkar



Releasing the conference proceedings



Note of Thanks -Dr.M.Pushpalatha



Audience



KEYNOTE Address:

Speaker: Dr. Chandaram Sivaji, Department of Science and Technology

Key Point:

 Prof. Chandaram Sivaji, appreciated the audience regarding the funding opportunities provided by DST and the focus area. Highlighted SERB Women's Excellence Award. Pointed the list of projects available in DST & Technology Mission Program. Elaborated Ancient Indian Scientific Contributions. Shared his idea to write & apply for the research proposal.



AVERT INDIAN SCHNIFIC CONTRIBUTION INVENTOR OF THE OWNER OWNER OWNER OF THE OWNER OWN

Introduction - Key Note Speaker Topics Discussed:

Lecture - Prof. Chandaram Sivaji

- 1. National Post Doctoral Fellowship
- 2. SERB Overseas Postdoctoral Fellowship
- 3. SERB POWER
- 4. Promoting Opportunities for Women in Exploratory Research
- 5. SERB POWER Fellowship
- 6. SERB POWER Research Grants
- 7. SERB Women Excellence Award
- 8. DST- Women Scientists Programs
 - 1. Women Scientist Scheme-A(WOS-A): Research in Basic/Applied Science
 - 2. Women Scientist Scheme-B (WOS-B): S&T interventions for Societal Benefit
 - 3. Women Scientist Scheme-C (WOS-C): Internship in Intellectual Property Rights (IPRs)
- 9. Ramanujan Fellowship
- 10. TEACHERS ASSOCIATESHIP FOR RESEARCH EXCELLENCE

Under each topic, Professor disused about the Objective, Eligibility Criteria, Nature & Duration of Support & Selection and mode of Application.



	Invited Talk Timing 12.30 PM -1.3	0 PM
Key Note Speaker:	Title Presented:	
Prof. Wei Xiang, Director of	Integration of AI and Machine learning	Obrotheley - 5 X
Cisco-La Trobe Centre for AI and		- Address
Internet of Things		ABC News Report
Key Points:		O join halls death Annex Gerr Steen wellt am Angel joine state (proces glave dies
✓ Data Acquisition		Internet of Trings rain gauge sends climate data to the close of the climate data to the close of the climate data to the close of the climate data to the climate dat
✓ Data Communication&Dat	a Analytics	
✓ AI+IOT for every vertical	Industry	
✓ AIOT based Predictive ma	intain for Australia turntables	

✓ The future perspective i.e Advanced manufacturing in industry

Pr	esentation Session Timing 1.45 PM -3.0	00 PM
Track In-charge	Dr.R.Vidhya	
Session Chair	Dr. G. Niranjana	
Session Co-Chair	Dr.S.Ramamoorthy	
No. of Paper Selected	8	
No. of Paper Presented	8	Feature extraction: By using Librora library with the Mel Froquency Ceptinal Coefficients (MFCCS), Chroma , contrast.
No. of outside participants	5	feature extraction to chaige the unique data will be entacted from the sound film. Shape of MRCCs is on how many frames is dependent on the number of MRCCs. The data was sampled at a rate of 2265 Short Time Fourier transferred (SETF) was used so each window to ottared MRCC.
No. of SRMIST Participants	3	The second state of the se
No. of International Participants	-	get in die der Lieuwen der Mitter der Lieuwen der Angelein Zugene
No. of Research Scholars	2	oraca il standi della della secola considera
No. of Faculties	-	
No. of Students	6	
Best Paper Award Title	A Comparative Study of Feature Selection Approach for a Credit Card Fraud Dataset	
Best Paper Award Received By	Mr.Bharat Kumar Padhi	
	Centurion University of Technology & Management, Odisha, India	



Invited Talk Timing 12.30 PM -1.30 P			
Key Note Speaker:	Title Presented:		
Prof.San Murugesan, The director	Leveraging IOT to create a		
of BRITE Professional Services,	sustainable Environment		
adjunct professor at Western			
Sydney University, Australia			
IZ D ' (

Key Points:

- ✓ How climate changes affect our lives and how IoT is used in handling climatic changes.
- ✓ The digital twin and how IoT is used in various other fields of research.



I	Presentation Session Timing 1.45 PM -3.00
Track In charge	Mrs.B.Ida Seraphim
Session Chair	Dr. R. Jebakumar
Session Co-Chair	Dr.S.Babu
No. of Paper Selected	8
No. of Paper Presented	8
No. of outside participants	5
No. of SRMIST Participants	3
No. of International Participants	-
No. of Research Scholars	1
No. of Faculties	2
No. of Students	5
Best Paper Award Title	Artificial Intelligence based Pest Detection and Pesticide Recommendation System
Best Paper Award Received By	Mr. VedangSawarkar Vellore Institute of Technology (VIT), Chennai.



PM





Pre	sentation Session Timing 1.45 PM -3.0	0 PM
Track Incharge	Dr C. Vijayakumaran& MS. S.S. Saranya	I Manufacture Man. In
Session Chair	Dr.A.Pandian	
Session Co-Chair	Dr. P. Madhavan	Existing Research Challenges in IoT Applications
No. of Paper Selected	8	Paper ID: 032 Deena Nath Gupta
No. of Paper Presented	8	Research Scholar, Jamia Milla Islamia, New Delhi
No. of outside participants	4	5 W - 9 20 P 0 P 2 G - W
No. of SRMIST Participants	4	too ferito too, desper la lacino too Sandron bina too tin
No. of International Participants	-	
No. of Research Scholars	2	Serge Si politica makes in Financia State State Community State St
No. of Faculties	2	Publications Sumble State
No. of Students	4	2. Joan, S. Mathu and P. Muzal, "Reviewed Chaos Detection Sectioned on Quotic Maps and Systems in Image Encryption", Self-Computer Science, Springer, Volume 1, (2011), 592, doing 10.1003/962939-021-00778-3 and 4. Decimi
Best Paper Award Title	IoT Mapper	3 Jan. S. Michael S. Mart. 7 Main Control Lips on Harp Control and the 'S count Harp Control and
Best Paper Award Received By	Mr. SouradeepMondal, SRM Institute of Science and Technology Kattankukathur,	S and Nothward Next, "Producted OCM presets with DM required DM Company", commissioned to between DM Company and the DM Company and DM Compa



Invited Talk Timing 12.30 PM -1.30 PM				
Key :Dr.Apar	Note naKasinath	Speaker	Title Presented: Pharma and IOT: how these two dissolve filling connection?	8 historia
Key Points: ✓ How to integrate the Drug Discovery, Development and Manufacturing service provider.		Forms • death • search • control •		
	Collaborations candidates.	and partnershi	ps to deliver numerous clinical	

I	Presentation Session Timing 1.45 PM	-3.00 PI
Track Incharge	Dr. K. R. Jansi	
_	Dr. G. K. Sandhia	
Session Chair	Dr. SubalalithaC.N	© feeding
Session Co-Chair	Dr. KayalvizhiJayavel	
No. of Paper Selected	08	DETE
No. of Paper Presented	08	Present • Mr. Pr Chen • Ms. Sr VIT, C
No. of outside participants	05	
No. of SRMIST Participants	03	6 8 9
No. of International Participants	01	
No. of Research Scholars	-	
No. of Faculties	03	The state of the s
No. of Students	04	
Best Paper Award Title	Industry 4.0 Inspired Robotic Assistive System for Anomaly Detection in Machinery Parts	
Best Paper Award Received By	Mr. A. Prasad, Ms. Sruthi Srinivasan, Mr. VedangSawarkar Vellore Institute of Technology (VIT), Vandalur-Kelambakkam Road	







In	vited Talk Timing 12.30 PM -1.30 PM
Key Note Speaker :	Title Presented :
SriniSampalli, PhD.	How IoT can shape the Future of Healthcare: Potential and Challenges
Professor and 3M National, Teaching	
Fellow, Faculty of Computer Science	
Dalhousie University, Halifax, NS	
B3H 1W5 CANADA	
Key Points:	

- The integration of emerging wireless technologies
- IoT withHealthcare
- Highlighted the challenges security and privacy issues.
- Research projects



	Presentation Session Timing 1.4	5 PM -3.00 PM
Track Incharge	Mrs.Sasirekha	
Session Chair	Dr. G. Usha	© Department (F) © Secretary
Session Co-Chair	Dr. P. Murali	
No. of Paper Selected	8	S videbardus singhal
No. of Paper Presented	8	Egini Serpal
No. of outside participants	7	D KANTHA M RA. BERLA KUTTI FAMAM SHA 3 SHAMI KANI TARING SHAMI KANTHA M RA. 3 SHAMI KANI TARING SHAMI KANTHA M RA.
No. of SRMIST Participants	1	Sales Sarey Frenchisters SWEM Street
No. of International Participants	-	E To AMET GOLUM Movel P Yipy Pripar
No. of Research Scholars	1	K Section
No. of Faculties	-	© inches ▼ Depoint C • Notes • • • • En
No. of Students	7	B
Best Paper Award Title	Identification of landslide	Challeages and Opportunities in the Advancement of Privacy and Security of Blackshin Technology Paper-149 S
	vulnerable zone in Western	BALACHANDERS A MERICAN Review's Scholar Department of DBIS Department of DBIS
	Ghats using various image	School of Chapming School of Chapming Security S
	processing techniques and	Transition (
	machine learning techniques	S. pl. 9 40 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Best Paper Award Received By	Mrs. Bhargavi G - Research	
	scholar - SRMIST -VDP	



DAY 2 - 06.04.2022

	Invited Talk Timing9.00 AM -	10.00AM
Key Note Speaker :	Title Presented:	Basinine – d. X
Prof. Vijayan Sugumaran, Distinguished Professor, Management Information Systems, Rochester, Michigan, USA	Integrating Mixed Reality and Artificial Intelligence into Building Information Modeling: A Collaborative Tunnel Emergency Drill Management System	Related Work * resigning management of undergrand gaze. * on the first out motors and nethergrand gaze. * on the first out motors and nethergrand gaze. * on the first out motors and nethergrand gaze and the second of undergrand gaze. * Second of the country of the country of the second of nethergrand gaze and gaze and gaze and gaze and gaze and gaze gaze gaze. * Not of the country of professional gaze and gaze and gaze and gaze.
Key Points: ✓ Rapid development of ✓ Effective management higher requirements capabilities of operation of the capabilities	smart cities at of urban tunnels places on the emergency response erations and maintenance es for conducting emergency eet the requirements of	installment is up in our or of critical colors and colo

Pre	sentation Session Timing 10.15 AM	-11.30 AM
Track In-charge	Mr.M.Arulprakash	
Session Chair	Dr.M.Thenmozhi	● torris.
Session Co-Chair	Dr.Naresh	LITERATURE SURVEY QSRM
No. of Paper Selected	7	Kouloumpis and colleagues (Kouloumpis et al.) emphasised the importance of Existing
No. of Paper Presented	6	lexical assets and etymological highlights are viable for doing SA on Twitter messages and similar microblogging posts. In comparison to part-of-discourse highlights those with a position in the existing opinion dictionary, the analysts reasoned that microblogging is
No. of outside participants	2	more appropriate and sindule. The crustes concluded that incorporation of microblogging highlights in thickyto increase perguing information. Another study, that included rule-based classification and supervised learning forms, showed that ensolved enlargeignation was more significant and appeared premising. Since the trust of the century, 5A has rises to promittee as one of the most commody
No. of SRMIST Participants	4	questioned about topics in the field of natural language processing (NLP). To steen machine learning SA methods, analysis have been regularly studying at texts and gathered sorts. Medians or at propried that the concept level SA framework (present) would be more practicable than a lexicon-based system.
No. of International Participants	-	■ D N O N D O D N D O D N D D D D D D D D
No. of Research Scholars	1	
No. of Faculties	2	
No. of Students	3	
Best Paper Award Title	SMART VISOR	
Best Paper Award Received By	Mr. Madurya ,Mr.Amish Agarwal SRMIST, Kattankulathur.	



Invited Talk Timing 9.00 AM – 10.00AM				
Key Note Speaker :	Title Presented :			
Prof. AtreyiKankanhalli,	PERVASIVE HEALTHCARE, WEARABLES,	⊕ Number, H ■		M ton. Venhancel E
Provost's Chair Professor,	GAMIFICATION &		PERVASIVE HEALTHCARE, WEARABLES,	Production of the Control of the Con
Dept. of Information Systems	PERSONALIZATION		GAMIFICATION & PERSONALIZATION	10
and Analytics, National			Professor Atreyi Kankanhalli	Seech Raymond E South Summed
University of Singapore			Department of Information Systems and Analytics School of Computing National University of Singapore	Country V
Key Points:	,	N - gai	(f) 221 - B B - BD B (f) ten bright for bright hallocation between two	CMC
✓ Health care products				
✓ Security issues				
✓ Ongoing Research wor	·k			

Presentation Session Timing 10.15 AM -11.30 AM		
Track Incharge	Dr.K.Venkatesh	
Session Chair	Dr.M.B. Mukesh Krishnan	THE STATE OF THE S
Session Co-Chair	Dr.C.N.S. Vinoth Kumar	The second secon
No. of Paper Selected	7	Territorios (com territorios de la companio del la companio de la companio del la com
No. of Paper Presented	7	
No. of outside participants	7	Predicting Instagram Influencer Engagement Rate
No. of SRMIST Participants	-	datepos Men (b) - (c) -
No. of International Participants	-	1 1 1 1 1 1 1 1 1 1
No. of Research Scholars	-	
No. of Faculties	1	
No. of Students	6	
Best Paper Award Title	Energy Efficiency and Throughput maximization for 5G Green IoT Networks using Ambient Backscatter Communication	
Best Paper Award Received By	Mr. Pradip S. Varade College: SCTR's Pune Institue of Computer Technology, Pune	



	Invited Talk Timing 9.00 AM – 10.00A
Key Note Speaker:	Title Presented:
Prof.Raj Gururaj, Professor, University of Southern Queensland, Australia	Opportunities in IoT and its alignment with Curriculum: Drivers, Barriers, Dilemmas and Solutions

Key Points:

- ✓ The business opportunities in IoT and its alignment curriculum.
- ✓ The latest advancement of IoT in various fields



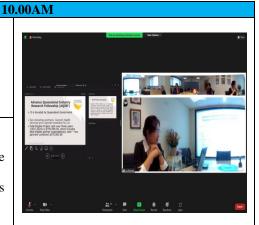
Presentation Session Timing 10.15 AM -11.30 AM		
Track Incharge	Ms. Safa, Mrs. Nithyakani P	
Session Chair	Dr.B.Baranidharan	□ tontaing - 5 X - Perigen III
Session Co-Chair	Dr. S.Ganesh Kumar	S A Collect protect Service Se
No. of Paper Selected	8	S tan view (
No. of Paper Presented	8	Objective of the paper
No. of outside participants	7	The Internet of Things (60) is correct colorisating with a vision of automating mad file processes with extracting the department of the colorisation of the colorisa
No. of SRMIST Participants	1	uring it. • load is researchers bill to understand the care philosophy underlying the discovery of oil, thereby listed with the process on the shallow wheth if it. whether it. **The shallow whether it. **T
No. of International Participants	1	Too study what the extalling that understanding by standing with the organ of bill, opplaning the exception-decided and an artifactures send, docusting wrose, stands restored present in the bill architecture by service, and all decides and addressing the entire conversal for present. A three way or remognification to a substantial of the entire conversal for the
No. of Research Scholars	-	to begin the complex.
No. of Faculties	5	■ P Species Search O St To O
No. of Students	3	
Best Paper Award Title	IoT Data Stream Using	
	Ontology	
Best Paper Award Received By	Dr. Mervin Retnadhas, Assistant Professor College:Saudi Electronic University, Riyadh, Saudi Arabia	



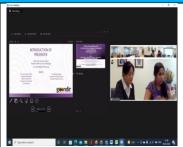
	Invited Talk Timing 9.00 AM – 1
Key Note Speaker:	Title Presented:
Dr. Susan Xujuan Zhou, Professor, University of Southern Queensland, Australia	Early detection of chronic health conditions using AI prediction models
Austrana	

Key Points:

- ✓ The methodology of dataset extraction phase
 ✓ Explained about the ensemble Models which are used for prediction
 ✓ Highlighted research projects and current challenges in the research field



Presentation Session Timing 10.15 AM -11.30 AM		
Track In-charge	Ms.K.Meenakshi&Ms. Viji D	© Jacobson
Session Chair	Dr.K.Kottilingam	American discourse &
Session Co-Chair	Dr.N. Parthiban	PRESSI PRESSI Nationals
No. of Paper Selected	8	o briefly to have from the frame follows intervelvants
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No. of SRMIST Participants	2	D Sentent such
No. of International Participants	1	
No. of Research Scholars	-	
No. of Faculties	1	
No. of Students	6	
Best Paper Award Title	Chronic Disease Management in rural	
	and remote Indigenous communities	1
	of Australia through Virtual Health	
	Services	
Best Paper Award Received By	Ms. Bittu Ann Cherian	
	Industry +university	
	collaboration: Virtual Health Services	
	ManagerGoondir Health	
	ServicesUniversity of southern	
	Queensland, Australia	







	Invited Talk Timing 9.00 AM –	10.00AM
Key Note Speaker :	Title Presented :	G Jon Merin War Galler Van Galler - 0 X
Dr.Ranga Rao Venkatesha	Extreme IOT	© O words
Prasad, Professor, IEEE		Extreme IoT
Distinguished Lecturer, Fellow		Dr. R Venkatesha Prasad
IETE, Delft University of		Exis, TUD-III top://biompage.hubilt.nlwfp60 repressablese.org
Technology, Netherlands		
Key Points:		No. 1961 - 59 22:0 - 10 0 0 12 5 C
efficiency. ✓ Talk about the hummi of Speaker	eating robotic arm with cost ng bird project working area various other fields of his	■ P Type-here to search

Presentation Session Timing 10.15 AM -11.30 AM		
Track Incharge	Mrs.B.Sowmiya	# d tone # 1
Session Chair	Dr. Madan Kumar Lakshmanan	Objection of the Proposed Work - Insuran Payar Ran John Can Congradual Company
Session Co-Chair	Dr. M. Prakash	- Call the benefit that and formed from the Call to the language of the Call to the language of the Call to the language of the Call to t
No. of Paper Selected	8	Todate licenspile factor the robots have desire cache assess of prode or different reason
No. of Paper Presented	5	The state of the s
No. of outside participants	4	
No. of SRMIST Participants	1	() () () () () () () () () ()
No. of International	-	
Participants		
No. of Research Scholars	-	
No. of Faculties	2	
No. of Students	3	
Best Paper Award Title	Enhanced hybrid optimization technique to find optimal solutions for task scheduling in cloud-fog computing environments	
Best Paper Award Received	Ms. Anjali Patle	
Ву	College: National Institute of Technology Raipur	



Panel Discussion - Impact of IoT on Human Life

Date & Time: 6^{th} April 2022 - 2.00 PM - 4.00 PM

Expert Name	Designation, Company	Theme / Topic
Dr. Baskaran Kesavan	Founder &CEO	Moderator
	Kriyatec IT Systems Pvt Ltd	Wioderator
Mr. Pons MudivaiArun	Director of Products (Cyber	Implication of insecure
	Security), Citrix	IoT devices to Human life
Mr. M.Ravichandran	Founder &CEO,	IoT applications in Smart
	Terafast Networks	city and Office
		management
Ms. Panchi Subramanian	Founder and Managing Director	IoT applications and
	 YesPanchi Tech Services 	challenges in Financial
	Private Limited	sector.



Panel Discussion - Expert Members



Audience Question & Answer Session



Delivering Lecture – Expert Members



Audience Discussion



Key Points:

Dr. Baskaran Kesavan, the Moderator has elaborated about the importance of IoT and its impact on human life. He invited the Panel experts for discussion towards the New technologies, Future Trends and the relevance of IoT in Indian context. The first session is about the Actuals of IoT in both world and Indian context. The second session is about Relevance of IoT in Indian context and the third session is about Future trends and Opportunities of IoT.

Mr. M.Ravichandranspoke about the role of IoT in implementing Smart City Projects including Smart street lights, smart waste management, Smart Metering and Smart Grid and Intelligent Public Transport. He has briefed about Office management using IoT and also about reduction of electricity bills and smart Bin checking using IoT sensors as opportunities of IoT.

Mr. Pons MudivaiArungave his views on IoT based Security breaches and vulnerabilities on a global context. He added that the problem is due to the ignorance of fundamentals. In the second session, he said about the security add-ons that are needed for critical gadgets used in health care like pace maker machines. He then quoted volume of data is an important feature to look for as opportunities of IoT.

Ms. Panchi Subramanian listed the use cases in Payment system in a global context with an example of interconnecting an IoT device with Gmail so as to access account balance and mini statement etc through google assistant. In the second session, she mentioned the Banking use cases in Indian context, say placing an IoT board between customer and cashier to alert Bank manager about any abnormality. In the third session, she explained about the opportunities of using IoT devices in Petrol bunks, Automatic Printer cartridge filling, Refrigerators and payments.



Day 3 07-04-2022

	Invited Talk Timing 9.00 AM – 10	0.00AM
Key Note Speaker :	Title Presented:	
Dr. Venkatesh Kannan Technical Manager at the Irish Centre of High-End Computing (ICHEC), the national centre for high-performance computing	Digital Continuum and Twins for Green Transition	Irish Centre for High-End Computing ICMEC
(HPC), Ireland		
Key Points: ✓ Technologies for computing	data management and	# Administration of the control of t
✓ The combination technologies and digi	\mathcal{E}	

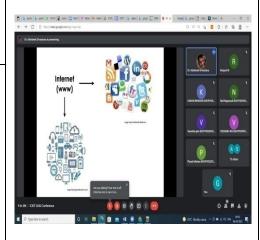
Presentation Session Timing 10.15 AM -11.30 AM		
Track Incharge	Dr.A.Shanthini&Dr.A.Shobad evi	Total State
Session Chair	Dr.A.Murugan	Praender Specification of L. 20/W PEMIC Sprims Parameter Decogration Rating Maximum power (F) 1200 Maximum subare (V) 22/21
Session Co-Chair	Dr.C.Amuthadevi	Minimum comental S2
No. of Paper Selected	7	Ozygra partial pressure (bur) 1
No. of Paper Presented	6	3
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No. of International Participants	-	As example: Europe's Destination Earth (ICHEC tot. Com to
No. of Research Scholars	-	Ross Delancel Not Polisies 107 Financial St Services
No. of Faculties	1	Tom Semantina Links) A distribution of the Control
No. of Students	5	n sonders. S
Best Paper Award Title	A Hardware-based Multi-factor Authentication - An initiative to secure web applications	2 Interested 0 D 0 D 0 D 0 D 0 D 0 D 0 D 0 D 0 D 0
Best Paper Award Received By	SHAMUNESH P, ASHWIN RAJA, CHARU KHEMKA Department of Computing	
	Technologies, School of Computing, SRMIST,KTR	



	Invited Talk Timing 9.00 AM -	10.00AM
Key Note Speaker:	Title Presented:	
Prof.Abhishek Srivastava	Web of things	 □ b corr b corr c corr c → □ □ tructreetgo
1 IUI.Auiiisiick Siivastava		Dr. Abhishek Silventine is presenting

Key Points:

- ✓ The Web of Things (WoT) is a computing concept that describes a future where everyday objects are fully integrated with the Web.
- ✓ The prerequisite for WoT is for the "things" to have embedded computer systems that enable communication with the Web.



	Presentation Session Timing 10.15 A	AM -11.30 AM
Track Incharge	Mrs.Geetha and Mrs.Ranjani	© Dimining - 5 × Million M 5 × Million M.
Session Chair	Dr.Saad Yunus	Showing Manager State St
Session Co-Chair	Dr.Shiny Angel	Topico Section
No. of Paper Selected	7	Architecture 5 Street 1 Prince there (chest \$ 60 to 1 to
No. of Paper Presented	6	100 - 400000 - 100 - 10
No. of outside participants	3	The second secon
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No. of International Participants	-	h Maries 200 - Springer 200 - Spring
No. of Research Scholars	1	# Dispersions 0 P M 0 C M 0 C F F A Dispersion A 2 4 4 to the page #
No. of Faculties	1	☐ Sections • 5 · Neighbor (10)
No. of Students	4	SRM Control of the section of the se
		Challenges to address
Best Paper Award Title	American Sign Language	One factor is due to waying poses of the sign image. The statistic carears may either capture forcial, 40° profile or upoids down images.
	Recognition Algorithm based on	Certain pose cause some of the features such as frigore or paints to be partially occluded. Another factor is dut to presence or absence of obstantial components such as imps, bittoos etc. These shoultand components have a prest deed of variously including shape, codo and size.
	Convolutional neural Network	Other factors that can effect accuracy robuste flurination, occlusion and scale expressions. Technically speaking, the main challenge of sign language recognition lies in developing descriptors to express band-shapes and notion trajectory.
Best Paper Award Received	SishtlaDivyarani	In particular hand-drape description incolorant satisfy text degrad on the data stream, segmenting hand-drape description incolorant search seed of the data stream, segmenting hand-drape integers that seed of the data stream, segmenting hand-drape integers and seed of the data stream, and the data stream stream, and the data stream stream stream, and the data stream stream stream, and the data stream
By	SRM Institute of Technology	represent. • You are still working on finding a way to fit large dataset into a small module. • The are still working on finding a way to fit large dataset into a small module. • The still working on finding a way to fit large dataset into a small module.
	(VIT), Chennai	A fine or an executive feeting of the second feeting of the second of th
		■ P Speciment Search O SI: O SI:



to enable EDGE computing

Invited Talk Timing 9.00 AM – 10.00AM			
Key Note Speaker :	Title Presented : Emerging Trends and	S G as A Tool Kit to enable EDGE Computing	
Mr. Vijay Anand Senior Director and Chief IoT Architect, Capgemini, Chennai	Interoperability Challenges in IOT, Edge /Fog computing and smart systems.	Sterome Mobile Broadhard - Ingli dar rate - Ingli dar rate - Ingli dar r	
 Key Points: ✓ Recent trends in IoT based Vehicles with Edge , Fog computing ✓ The HPE edgeline device systems, 5G as a toolkit 		The property of the property o	

Presentation Session Timing 10.15 AM -11.30 AM		
Track In-charge	Mrs. M. Rajalakshmi, Mrs. P. Nithyakani	
Session Chair	Dr. E.Sasikala	
Session Co-Chair	Dr.M.Uma	
No. of Paper Selected	6	
No. of Paper Presented	6	2) • hootey. • •
No. of outside participants	6	THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY
No. of SRMIST Participants	-	Detection and Characterization of Attention Deficit Hyperactivity Disorder using Exemble Learning
No. of International Participants	-	Paper Mc. 199 Author: So has Authorities The State Authorities of Sta
No. of Research Scholars	-	A SEA OF SEASON
No. of Faculties	4	
No. of Students	2	
Best Paper Award Title	Energy Bill Minimisation of Dynamic Tariff Bound Residential Consumers by Intentional Load Shifting	Tradio Anti-Dela Floria Color Process de Sistema Color Sis
Best Paper Award Received By	Dr. Hithu Anand, Dr. R. Rengaraj, Dr. G. R. Venkatakrishnan Sri Sivasubramaniya Nadar College of Engineering, Chennai	In Concepts, Characteristics, Enabling Technologies, Applications and Protocol Stack: Issues and Imperatives(Paperid: 123) Processed By Uses 64-7 April 2022 Verse office The Defendance of the Control of the Contro

From each track one paper had been identified to be the best among the presented and rewarded with a cash prize of Rs. 3000. Cash prize was sponsored by Great Learning.



Valedictory Function (2.00 PM to 3.30PM)

- **Prof. B. Neppolian** Dean (Research), SRMIST, Kattankulahthur was invited as a guest. Dr. Maragatham gave the welcome address. Dr.B.Amuhta, Professor, CTech, SRMIST presented the conference report.
- Dr.B.Neppolian Dean (Research) shared the ideas to write the research paper & encouraged the
 Research Scholar, Students & Faculties to publish the papers in reputed journal. Highlighted the
 importance of quality publication and need to ensure that students are kept informed about to
 avoid plagiarize others work. Highlighted the facilities available in campus for research work and
 asked everyone to utilize the resources in an effective manner.
- Dr.B.Neppolian Dean (Research) honoured our sponsor Mr.Antony, Great Learning by presenting memento. Dr. Revathi Venkataraman honoured our Chief Guest by presenting Memento. Last but not least vote of thanks was delivered by our Conference Secretary Dr. K. Vijaya, Associate Professor, CTech. Finally Our National Anthem was played and Conference ended by Group photo Session.



Expert Members on Dias



Welcome Address - -Dr.G.Maragatham



Conference Report – Dr.B.Amutha



Special Talk - Prof. B. Neppolian



presenting memento to our sponsor Mr.Antony



Dr. Revathi Venkataraman honouring our Chief Guest



Audience



Audience



Note of Thanks - Dr. K. Vijaya



National Anthem - Audience



National Anthem - Dias



Group Photo

