

Date: 10-12-2021 to 12-12-2021

Timings: 9:00 AM to 9:00 PM*

Venue: Indian Institute of Information Technology Design and Manufacturing
Kurnool – 518 007.

Profiles of Guests and Speakers



Prof. S. Sadagopan
IIIT Bangalore

CHIEF GUEST

Inauguration of CICT-2021

Prof S Sadagopan was Director of IIITB from 1999 to 2021. He is a graduate of Madras University, India and Purdue University, USA. He taught for 25+ years at IIT Kanpur, IIM Bangalore, IIT Madras and IIIT Bangalore in addition to short teaching assignments at RUTGERS, USA and AIT, Bangkok.

He has wide research interests that include Operations Research, Multi-criteria optimization Decision Theory, Simulation, Enterprise Computing, Programming Languages, Databases, Multimedia and e-Governance. He has authored seven books, several book chapters and papers. He is also a Fellow of IEE (UK) and Computer Society of India. He is a Senior Member of IEEE, ACM and AIS.

Prof. Sadagopan consults widely across different industry segments (Auto, Manufacturing, Banking, IT and Social Sector) and lectures extensively at corporations, industry events and universities in North America, South America, Europe, Middle East, Asia, Australia and New Zealand on all aspects of IT.

He serves on the boards of Bharat Electronics, Neyveli Lignite Corporation and Indian Renewable Energy Agency and IIIT Bhubaneswar, IIIT-Delhi and IBAB earlier he was also on the Board of Bank of India, NMDC, VisualSoft, Megasoftware, Informatics and Shawman Software.

Prof. Sadagopan is a Member of Karnataka Knowledge Commission, Chief Minister's Vision Group on IT, NASSCOM Regional Council and ISA Executive Council. He is the Chair of IEEE Computer Society, Bangalore Chapter and a Member of ACM India Council.

He is also a Member of WWW Conference Committee (W3CC).

He writes extensively for the popular press he is a featured Columnist for Times of India (the largest circulated English newspaper in the world).

We welcome Prof. Sadagopan to deliver the Inaugural address to the august gathering.

Thank you Sir.



**Mr. Ratnakar Rao Venkata
Rayavarapu**

**Senior Director,
Engineering at Samsung R&D
Institute, Bangalore**

KEYNOTE SPEAKER

**Keynote Lecture-1:
AI in Wireless: Opportunities & Challenges**

Ratnakar Rao is Senior Director, Engineering at Samsung R&D Institute in Bangalore, where he leads the Beyond 5G team. He has over 20 years of experience in telecommunication industry.

He specializes in Wireless protocols and played a key role in the launch of Samsung's 5G mmWave and Standalone smartphones in world-wide markets. He is a Senior Member, IEEE and has 25+ International patent grants. His current areas of interest include AI-in-Wireless and Next generation communication systems.

Ratnakar holds a Master's degree in Telecommunication Systems Engineering from IIT, Kharagpur.

He is a TEDx speaker and has delivered several invited talks and podcasts on technological advances.

His profile is available at www.linkedin.com/in/ratnakar-rayavarapu

**Keynote Lecture-2: Additive manufacturing for
industrial and strategic sectors**

35 plus years of experience in engineering analysis and structural integrity evaluation of aeronautical systems.

Worked as Additional Director in DRDO, and as the Director General of the Institution of Engineers (India) and Visiting Professor in Mechanical Engineering Department, IIT Bombay Led a large group of scientists at the Central Institute of Aviation, Moscow for flying test bed trials of a development aero engine.



Dr. Chandrasekhar U,
Program Director,
Addwize Wipro 3D, Bangalore.
KEYNOTE SPEAKER

Established first ever Additive Manufacturing lab of DRDO, Ministry of Defence R&D during 1999. Carried out Indo Canada Project on the use of drones for structural integrity evaluation.

Studied at NIT Suratkal and IIT Madras. Received Gold Medal from Dr. APJ Abdul Kalam for academic excellence.

Member of the National Board of Accreditation – Academic Subcommittee.

Developed MHRD-NPTEL program along with IIT Madras on Future Manufacturing Technologies.

Mentored multiple start-ups in the domains of 3D printing and drone technologies.



Ms. Sashi Sairaman
CEO, MTAB, Chennai
KEYNOTE SPEAKER

Keynote Lecture-3: Ms.Sashi Sairaman, CEO, MTAB, Chennai “Women in Manufacturing - Your career journey”.

Ms. Sashi Sairaman is the Director of MTAB Technology Center Pvt Ltd. a forerunner company in India to offer content development and skill training in advanced manufacturing technology.

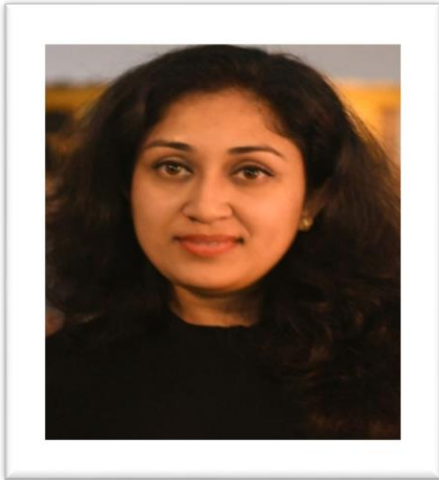
She is a Technical savvy and holds key role in implementing critical Process, Skills and Application in MTAB, MTC and to many of our Industrial customers as well. She is identified as a pioneer women entrepreneur, wise advisor, and the best management to work with.

Sashi holds an Engineering degree in EEE and a Management degree from IIM - Kolkata. She has about 20 years of experience in the manufacturing industry – from garments to CNC.

She has covered roles starting in product development to support, finance, sales, business development finally moving to the top management.

She has worked extensively in skill development across her tenure and serves as an advisor to some of the universities in India and Malaysia.

She Serves as a board member of IIITDM Kurnool and member of Board of Studies in Vignan University, Vadlamudi.



Dr. Ritu Garg

**Intel Technology India,
Bangalore.**

Invited Talk-1: AI for Depression Analysis

Dr. Ritu Garg received her PhD. from Electrical Engineering Department, Indian Institute of Technology, Delhi. Her doctoral research focused on developing and applying machine learning for document analysis and computer vision applications.

At Intel she has been predominantly working in natural language processing: building NLP systems for low-resource languages, domain-independent information extraction systems, and natural language generation. Also have brief experience of working on optimizing vision applications for Android and other Multi-OS platforms.

She has also contributed to ADAS based systems, like sensor fusion exploration and generalized framework for stereo rectification in the presence of uncalibrated camera pairs for road conditioning in the context of Indian roads. Prior to joining Intel, she was working at Accenture AI Labs, where she worked on fusion of computer vision and NLP for applications like inappropriate content classification, improving retail analytics.

She has published several papers in top-tier conferences and journals and has received Best paper award in AVEC 2019. Her research focuses on developing and applying machine learning algorithms for document analysis, information retrieval, multi-modal content extraction and analysis. She has interest in exploring AI for societal applications.



Ms. P.R. Lakshmi Eswari

**Joint Director,
C-DAC Hyderabad.**

Invited Speaker

Invited Talk-2: Block Chain Technologies

Ms. P.R. Lakshmi Eswari is currently working as Joint Director (e- Security) at C-DAC Hyderabad.

She did her Bachelors and Master's degree in Computer Science and Engineering.

She has 15 years of experience in Research and teaching at C-DAC as well as NIT Warangal.

Research Interests: End Point Security, Device Control, Anti Malware Solutions, Mobile Security and Assurance.

Keynote Lecture-4: Prof. Atul Negi, Professor, HCU “AI for Social Good- A Faustian Bargain”



Prof. Atul Negi

**Professor
School of Computer and
Information Sciences,
University of Hyderabad**

KEYNOTE SPEAKER

Dr. Atul Negi is a Professor at School of Computer and Information Sciences, University of Hyderabad, India, and previously worked as Director at PIES, Indore, India. He holds the Ph.D. and MSc (Engg.) degrees from University of Hyderabad and IISc, Bangalore, India, respectively. He graduated with distinction in Electronics and Communication Engineering from Osmania University, Hyderabad, India in 1986.

He is a Senior Member of IEEE and serves as a volunteer in IEEE Hyderabad Section and was Chairman IEEE Hyderabad Section during 2012-13. He served as Vice Chair Educational Activities of IEEE India Council during 2017-2018, and is presently the Vice Chair Technical Activities. He is a technical committee member of IEEE SMC in the Soft Computing division. He has served as Chair of the IEEE Computer Society and IEEE Computational Intelligence Society Chapters at IEEE Hyderabad Section.

He is a Fellow of the IETE and is also a member of IAPR through the Indian Unit of IAPR.

He has authored more than 100 publications in peer-reviewed conferences and journals.

He has co-edited conference proceedings volumes from Springer and IEEE as Program Chair. He has been the Proceedings editor for Conference on Networks and Soft Computing ICNSC 2014, and IEEE INDICON 2011. He has served in the technical program committees for several international conferences like ICDAR, ICPR etc. He was tutorial chair for IEEE TENSYP 2015 on IoT, Track Chair in IEEE TENSYP 2017 on Smart Cities, Track Chair for Computational Intelligence in IEEE TENCON 2019. He is also a member of the advisory committee for several conference committees, and served as General Chair in HYDCON-2020,

He is an Associate Editor for Springer Nature Computer Science journal, and serves as a reviewer for various IEEE Transactions and international journals like Pattern Recognition, Information Sciences, Neurocomputing, etc.

He has worked as co-investigator on the Indian Language Resource Centre (Telugu) sponsored research projects from DIT, Govt. of India, Principle Investigator for the Robust OCR Project, DIT. He was a co-investigator with projects from ISRO, MHA etc.

He delivered the IETE Distinguished K K Nair memorial lecture in 2012 and was a key-note speaker and was Inaugural Speaker

at several national conferences. He was the invited speaker at the 33rd National Convention of Electronics and Telecom Engineers organized by Institution of Engineers (India) in November 2017.

He has successfully guided 11 doctoral dissertations while mentoring several others. He also has supervised more than 80 M.Tech dissertations.

Presently he is a mentor for start-up companies in business incubators at University of Hyderabad. He has been associated with industries and delivered Technical lectures for corporations such as CMC Ltd. Hyderabad, Motorola Hyderabad, CDAC Hyderabad, etc.

In 2017 he has visited universities in Australia including Melbourne University, Cloud Lab, Curtin University Perth and Sydney Technical University. He was a part of the faculty team of IEEE Hyderabad Section which conducted IoT Workshop at IEEE CAS Chapter, Bandung Indonesia in October 2017. As an educator has interests in E-Learning and visited Open University, Milton Keynes, UK and is a member of the E-Learning Centre University of Hyderabad. His work on Telugu OCR and other contributions in Handwriting Recognition are well cited. During May 2002 he was a visitor at the CVPR Unit of Indian Statistical Institute Kolkata.

He was awarded the IEEE Region 10 Outstanding Volunteer award in 2020. (see <https://www.ieeer10.org/awards-recognition-committee/>)



Prof. G. Ram Mohana Reddy

**Professor (HAG),
Information Technology
Department,**

Keynote Lecture-5: Prof. Ram Mohana Reddy Guddeti, Professor (HAG), Information Technology Department, National Institute of Technology Karnataka, Surathkal, Mangalore “AI-based Data Analytics in Smart Application Environments”.

Ram Mohana Reddy Guddeti received B.Tech (ECE) from S.V. University, Tirupati, India in April 1987, M.Tech (Telecommunication Systems Engineering) from IIT Kharagpur, India in Jan. 1993, and Ph.D (Perceptually Motivated BSS Algos for Next Generation Hearing Aids) from The University of Edinburgh, United Kingdom in October 2005.

He is currently working as the Senior Professor (Professor (HAG Scale)) at Information Technology Department, National Institute of Technology Karnataka Surathkal, Mangalore, India.

Prof. G. Ram Mohana Reddy has more than 34 Years of Experience in Teaching, Research, Administration, Consultancy and Knowledge Skills Development. Prof. Reddy has more than 250 research publications in reputed International Journals

**National Institute of
Technology Karnataka,
Surathkal, Mangalore**

KEYNOTE SPEAKER

**&
Chief Guest**

Valedictory of CICT-2021

(IEEE, IET, Elsevier, Springer), Book Chapters, and the Conference Proceedings (ACM, IEEE, Elsevier, Springer).

Prof. Ram Mohana Reddy has successfully guided 11 Ph.D Scholars and 5 more Scholars are carrying out their Doctoral Research; Also guided 3 M.Tech (Research); more than 30 M.Tech Theses; and 150 B.Tech Projects.

His research interests are AI, Cloud/Edge/Fog Computing, Smart Applications (Building/Campus/City/Factory), Social Multimedia, and Social Network Analysis.

He is a Senior Member of ACM (USA) & Senior Member of IEEE (USA), Life Fellow of IETE (India), Life Member of Computer Society of India, and Life Member of ISTE (India).

As part of Research Interactions, Prof. Ram Mohana Reddy has visited several countries including Australia, Belgium, Canada, China, France, Germany, Italy, Japan, Malaysia, Netherlands, Singapore, Switzerland, UAE, UK, USA etc. Prof. Reddy has visited world reputed universities like Cambridge, Harvard, Melbourne, MIT, NTU, NUS, Oxford, Peking, Philips Research/Tech University Eindhoven, Toronto, Tsinghua.

Prof. Ram Mohana Reddy got the prestigious Commonwealth Scholarship and Fellowship funded by the Ministry of Foreign & Commonwealth Affairs, Government of UK for Pursuing Doctoral Research at The University of Edinburgh, U.K during 2002-05. Prof. Reddy also got State/National Merit Scholarships for pursuing School and College Education during 1975-87.