

Chief Guest



Dr. Kasthuri Venkateswaran

Senior Research Scientist, NASA - Jet Propulsion Laboratory
California Institute of Technology
Biotechnology & Planetary Protection Group, California

Dr. Kasthuri Venkateswaran completed his M.S. in Marine Biology, Ph.D. in Marine Microbiologist, he is a Doctorate in Agriculture (Food Microbiology & Hygiene; Hiroshima Univ.) His area of Research Interests are Microbiology, Extremophile, and Molecular Microbiology. He has more than 47 years of dedicated service to marine, food, and environmental microbiology research, and his team has significantly advanced the understanding of microbial ecosystems, and consistently been at the cutting edge of research with the International Space Station Microbial Observatory projects, leading investigations into microorganisms within U.S. nodes and the Kibo Japanese Experiment Modules. This pioneering effort has opened new vistas into microbial dynamics in the largely unexplored environment of space.

Through the utilization of cutting-edge molecular microbial techniques, his team has expanded the depth of knowledge regarding microbial ecology and their intricate interactions. His explorations have ranged from the mystic depths of the ocean to the specialized environments of the International Space Station. His unwavering dedication to uncovering the secrets of life in the universe's harshest conditions, from our planet's extremes to the boundless cosmos, underscores his notable contributions.

Selected Awards

- NASA Exceptional Achievement Medal for Research (2017)
- NASA Exceptional Achievement Medal for Technology (2017)
- NASA Voyager Award in 2016
- Recipient of first "One NASA Peer Award" in 2005
- JPL Center – One NASA Peer Award in 2005
- NASA Space Act Award recipient in 2003, 2005, 2008
- Novel Technology Report Awards (25)

Important Dates

Full Paper Submission
24-02-2024
Acceptance Notification
01-03-2024
Registration Fee Payment
08-03-2024

Contact

Dr. H. Vignesh Ramamurthy
+91- 63826 26331

Dr. P. Ramesh Babu
+91- 99427 53352

Mr. S. Santhosh Kumar
+91- 80151 09740



AVILA
UNIVERSITY
Kansas City, Missouri

Saint Peter's
UNIVERSITY
1872

Jointly Organizes

12th International Conference on Cognitive Computing - A Disruptive Technology

Date

18th March 2024

Place

Convention Centre
Sri Krishna Arts and Science College



SRI KRISHNA ARTS AND SCIENCE COLLEGE

Affiliated to Bharathiar University | An Autonomous Institution
Accredited by NAAC with Grade 'A'

Kuniamuthur, Coimbatore, TamilNadu - 641 008
W: www.skasc.ac.in | Ph: 0422 – 2678400



SRI KRISHNA ARTS AND SCIENCE COLLEGE

Affiliated to Bharathiar University | An Autonomous Institution
Accredited by NAAC with Grade 'A'

Kuniamuthur, Coimbatore, TamilNadu - 641 008
W: www.skasc.ac.in | Ph: 0422 – 2678400

Chief Patron(s)

Smt. S. Malarvizhi

Chairperson & Managing Trustee
Sri Krishna Institutions

Mr. K. Aditya

Trustee, Sri Krishna Institutions

Patron(s)

Dr. K. Sundararaman

CEO, Sri Krishna Institutions

Dr. Jim Burkee

President, Avila University

Dr. Eugene J. Cornacchia

President, St. Peter's University

Dr. R. Jagajeevan

Principal, SKASC

Convenor

Dr. K.S. Jeen Marseline

Dean, Computer Science & Mathematics

Co-Convenors

Dr. M. Manikandan

Dean, Bio Science

Dr. C. Sunitha

Head, Dept. of Software systems

Dr. O.M.Saravana Kumar

Head, Dept of ECS

Dr. T. Saleendran

Head, Dept. of Psychology

Organizing Secretaries

Dr. B. Anuja Beatrice

Head, Dept. of CA

Dr. K. Devika Rani Dhivya

Head, Dept. of CS

Dr. B. Radha

Head, Dept. of CT & DS

GENESIS

Sri Krishna Arts and Science College is a Co-Educational, Autonomous Institution founded in the year 1997. The institution celebrated its Silver Jubilee during 2022-23. The college offers 31 Under Graduate, 12 Post Graduate, 1 Integrated and 8 Research Programs and has a strength of 8624 students and 440 faculty members. The UGC has conferred Autonomous Status to the college in the year 2011 and its now functioning in the 3rd Cycle of Autonomy. The College has consistently awarded high ranking in National Institutional Ranking Framework (NIRF) by the Ministry of Education Govt. of India under College category and at present its holding All India 33rd rank in NIRF for the year 2023. The College is also accredited with National Accreditation Assessment Council (NAAC) and its now in the 3rd Cycle with A grade.

Avila University, Kansas City was founded in Missouri in the 1916 as a two-year College for Women. It was named as St. Theresa College affiliated to the University of Missouri in the year 1921. In the year 1940 the School became a four-year institution named college of St. Theresa and six years later received accreditation from north Central Association of Colleges and Schools. In the 1963 it moved into a larger campus in the South Kansas City with a new name Avila College. This College has been converted into a full-fledged University in the year 1965 and became fully co-educational. The University is situated in a 50-acre campus. The University is a value based community of learning providing Liberal arts, Professional, Under Graduate and Post Graduate education to students for responsible lifelong contribution to the community. It is now accredited by Higher Learning Commission.

Saint Peters University is a private University in Jersey City, New Jersey. Founded as Saint Peter's College in 1872. The University offers over 60 Under Graduate and Post Graduate programs. The University is located on a 30-acre campus just South of Journal Square, which is two miles west of New York City. Saint Peter's University ranked highest in New Jersey and 6th overall for Best value in the Regional Universities North Category in the 2022 U.S. News & World Report Best Colleges Rankings. Schools are ranked according to their performance across a set of widely accepted indicators of excellence. The schools and colleges of Saint Peter's are College of Arts and Science, Frank J. Guarini School of Business, Caulfield School of Education, School of Professional Studies and School of Nursing.

THEME OF THE CONFERENCE

Cognitive Computing is an attempt to have computers mimic the way the human brain works. It uses Artificial Intelligence, Expert Systems, Neural Networks, Machine Learning Technologies Tools. The features of Cognitive Computing include adaptiveness, interactiveness, iterative and contextual. The elements of Cognitive Computing are perception, learning and reasoning. These elements are applied in all walks of life of human endeavour. The International Conference on Cognitive Computing invites research papers from professionals, academicians, industrial experts, research scholars and students in the following areas

- Cognitive Informatics
- Brain Informatics
- Computational Intelligence
- Cognitive Man-Machine
- Cognitive Internet
- Neuro Informatics
- Informatics Models of Brain Cognitive Computers
- Cognitive Foundation of Big data
- Machine Consciousness
- Neural Models of Memory Internal Information Processing
- Cognitive Inferences
- Cognitive Sensors and Networks Computing With words
- Abstract Intelligence
- Cognitive Semantics of Big data
- E-Brain Models
- Bio Informatics
- Human – Machine Cooperation
- Mathematical Engineering of AI
- Cognitive Image Processing
- Cognitive Decision Theories
- Fuzzy Logic
- Models of Self Driving Cars

Mode of Payment

Payment of the Registration Fee can only be made in CASH

Author's Guidelines

Authors are advised to submit their original research work

Paper Template

- **Font Face:** Times New Roman, Size: 12, Single Column (layout), 1.5 line spacing, No. of Pages limited to 6.
- All articles will be subjected to double-blind review and plagiarism (<10%) will be checked.
- Kindly forward your manuscript to: csconference2024@skasc.ac.in
- Please include your contact number when sending the paper via email.

Registration Fee (per Author)

Categories	Fee (in INR)	Fee (in USD)
Industry	1500	100
Faculty	700	70
Scholar	500	50
Students	300	30

Publications

- All registered papers will be published in Conference proceedings with ISBN.
- Selected papers will be published in ICT Academy Journals (UGC CARE)