

...|| About The Institution

Maturi Venkata Subba Rao (M.V.S.R) Engineering College, sponsored by Matrusri Education Society, was founded in 1981. Over the years it has grown in stature and is presently acknowledged as a premier technical institute in Telangana. The Institution is supported by experienced faculty members and Technical Assistants. The college offers B.E. Degree courses in Civil, ECE, EEE, CSE, IT, Mechanical and Automobile Engineering disciplines.

The courses are affiliated to Osmania University and are approved by AICTE. B.E. programmes are accredited by the NBA of AICTE. The college also has Post-Graduate courses in M.E. [Mech. (CAD / CAM), ECE (Embedded Systems & VLSI Design), Civil (Structural Engineering)], M.Tech.(CSE) and MBA. The college is a recognized Research Centre for Ph.D.(CSE, ECE & MECH) by Osmania University. The college is an Institutional member of several professional bodies. The college has been granted autonomous status by the University Grants Commission, New Delhi and Osmania University, Hyderabad for all the programs for a period of ten years with effect from 2021-22.

...|| About The Department

Computer Science and Engineering Department was initiated in the year 1985. The current intake is 180 for U.G. and 18 for P.G. In addition, Ph.D. scholars are assigned through our Research Centre approved by Osmania University. The department has well qualified and experienced faculty. Apart from the regular academic work, the department organizes guest lectures inviting expert speakers from industry and other reputed academic institutions. Faculties of department are involved in various consultancy projects with external research organizations.

Chief Patron

Dr. K. P. Srinivas Rao
Chairman, Matrusri Education Society

Patrons

Dr. G. Kanaka Durga
Principal, MVSR Engineering College
Prof. J. Prasanna Kumar
Professor, Head, CSED, MVSR Engineering College

Chairperson

Dr. B. Sandhya, Professor, CSED, MVSR Engineering College

Co-Chairperson

Dr. Rajesh Kulkarni, Assoc. Professor, CSED, MVSR Engineering College

Convener

Dr. Sirisha Daggubati, Asst. Professor, CSED, MVSR Engineering College

Technical Program Committee

Dr. Rajiv V. Dharaskar, IIIT, Kottayam
Dr. Parikshit N. Mahalle, Vishwakarma Institute of Information Technology, Pune
Dr. Pawan K. Ajmera, BITS Pilani, Pilani
Dr. MA. Jabbar, Vardhaman College of Engineering, Hyderabad
Bala Prasad Peddigari, Tata Consultancy Services, Hyderabad
Dr. Tilottama Goswami, Anurag University, Hyderabad
Dr. K. Venu Gopal Rao, MVSR Engineering College
Dr. Akhil Khare, MVSR Engineering College
Dr. Sesham Anand, MVSR Engineering College
Dr. Manisha G, KG Reddy College of Engineering and Technology, Hyderabad

Organizing Committee

M. Dyna, Assistant Professor, CSED
B. Janaiah, Assistant Professor, CSED
D. Haritha, Assistant Professor, CSED
K. Padma, Assistant Professor, CSED
M.V.R JyothiSree, Assistant Professor, CSED
T. Lakshmi, Assistant Professor, CSED
P. Phani Prasad, Assistant Professor, CSED

16th INDIACom – 2022 09th International Conference on Computing for Sustainable Global Development

A Special Session On

Advances in Remote Sensing and Medical Applications using Machine Learning & Deep Learning (ARSAMA)

Scheduled for
23rd – 25th March, 2022

INDIACom-2022
(IEEE Conference: 54597)



Co-Organized by

Department of Computer Science &
Engineering



**MATURI VENKATA SUBBA RAO
(MVSR) ENGINEERING COLLEGE**

(An Autonomous Institution)
(Sponsored by Matrusri Education Society, Estd.1980)
Affiliated to Osmania University, Recognized by AICTE
EAMCET/ PGCET/ ICET Code: MVSR
Hyderabad, Telangana - 501510

...|| About International Conference

Collaborative efforts lead to substantial accomplishments, with this viewpoint, INDIACom - 2022 is inviting eminent academicians, scientists, researchers, industrialists and experts from all strata of society to collaborate for a more meaningful and professional outcome through the 9th International Conference for sustainable global development scheduled for 23rd-25th March 2022 at Bharati Vidyapeeth, New Delhi (INDIA).

On the eve of the occasion of INDIACom-2022 a special session on "Advances in Remote Sensing and Medical Applications using Machine Learning & Deep Learning (ARSAMA)" will be conducted by Department of Computer Science & Engineering, Maturi Venkata Subba Rao (MVSr) Engineering College, Nadergul, Hyderabad, Telangana.

...|| Objective of the Conference

The special session on "Advances in Remote Sensing and Medical Applications using Machine Learning & Deep Learning (ARSAMA)" will be a forum for researchers, academicians, clinicians and health-care companies to identify the recent advances in Artificial Intelligence, Image Processing, Computer Vision, Deep Learning, Machine Learning, Multimedia, Remote Sensing and Medical Applications. The Special Session further intends to publish unique, critical, and visionary papers in this field portraying recent scientific techniques and innovations.

...|| Topics of Interest

The special session (ARSAMA) will provide a broad scope for papers solicited in but not limited to the following areas:

Application of Machine Learning & Deep learning algorithms for

- Sensing, analysis and interpretation of remote sensing and medical data
- Hyperspectral, multispectral, multi modal data applications
- Feature extraction for remote sensing or medical data (images, videos, time-series data)
- Edge-based models (e.g., sensor-based, visual-based or NLP-based)
- Resource constrained schemes for remote sensing and medical applications

- Remote sensing data for disasters, weather, water, and climate applications
- Pandemic Prediction and Prevention
- Automated Medical Diagnostics

...|| Paper Submission Process

Authors are requested to submit their paper (in word/pdf format) at email:

indiacom_arsama@mvsrec.edu.in with "Special Session-ARSAMA" mentioned in the subject line.

Submitted papers will be processed through easy chair later by the Chair himself.

For further queries related to this special session, please contact the session chair at:

E-mail ID: indiacom_arsama@mvsrec.edu.in

Mobile No.: 1) M.V.R JyothiSree: +919490017579

2) T. Lakshmi: +918008763115

...|| Review Process, Publication & Indexing

The conference aims at carrying out two rounds of review process. In the first round, the papers submitted by the authors will be assessed on the basis of their technical suitability, scope of work and plagiarism. The corresponding authors of qualifying submissions will be intimated for their papers to be double blind reviewed by three experts on the basis of originality, novelty, clarity, completeness, relevance, significance and research contribution. The shortlisted papers of all the tracks will be accepted for presentation and publication in the Softcopy of Conference proceedings, bearing ISBN 978-93-80544-45-8 serial, on the website. INDIACom-2022 is approved by IEEE's Conference Publication Program (CPP). This means that the Conference proceedings of accepted papers (for oral presentations), which will be presented in the conference, will be submitted for possible consideration and inclusion in IEEE Xplore subject to their own quality check for publication and indexing, which is indexed with world's leading Abstracting & Indexing (A&I) databases, including ISI, SCOPUS, DBLP, EI-Compendex, INSPEC, Google Scholar, etc.

Extended version of the selected papers will also be recommended to be published in the following Journals: -

1. International Journal of Information Technology (BJIT)
2. Wireless Communications and Mobile Computing, ISSN - 1530-8669, published by Hindawi.
3. International Journal of Ambient Computing and Intelligence (IJACI)
4. Advances in Multimedia, ISSN - 1687-5680, published by Hindawi.
5. Network Protocols and Algorithms, ISSN - 1943-3581.
6. Australian Journal of Intelligent Information Processing Systems, ISSN 1321-2133
7. International Journal of Synthetic Emotions (IJSE), ISSN - 1947-9093.

...|| Important Dates

Submission of full-length paper	12 th Nov 2021
Paper Acceptance Notification	17 th Jan 2022
Submission of final copy of paper	31 st Jan 2022
Registration Deadline (Early Bird)	31 st Jan 2022

...|| Registration Fee

Category of Delegates / Authors	Early Bird on or before 31 st January, 2022		After 31 st January, 2022		Spot Registration (only in Cash)	
	IEEE/IET/CSI /IETE/IE(1)/ISTE Members	General	IEEE/IET/CSI /IETE/IE(1)/ISTE Members	General	IEEE/IET/CSI /IETE/IE(1)/ISTE Members	General
Indian Authors & Delegates (in INR)						
Full Time Students*	7,000.00	8,000.00	8,000.00	9,000.00	9,000.00	10,000.00
Teachers/ Research Scholars	9,000.00	10,000.00	10,000.00	11,000.00	11,000.00	12,000.00
Industry	12,000.00	13,000.00	13,000.00	14,000.00	14,000.00	15,000.00
Foreign Authors & Delegates (in USD \$)						
Teachers/ Research Scholars	450.00	500.00	500.00	550.00	550.00	600.00
Industry	550.00	600.00	600.00	650.00	650.00	700.00

For Payment mode & more details visit:
<https://bvicam.ac.in/indiacom/Registration.asp>