# IC-ACIST`24

## INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING AND INNOVATION ON SCIENCE AND TECHNOLOGY-2024
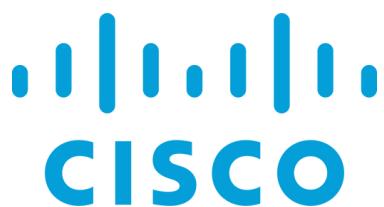
### TECHNICALLY CO-SPONSORED BY SPRINGER

**VIGNANA BHARATHI**

**INSTITUTE OF TECHNOLOGY**

VIGNANA BHARATHI

Organized by: Department of Computer Science and Engineering

VENUE:
25TH AND 26TH JULY,2024.
VBIT,HYDERABAD-501301

CISCO

Springer

aws

+91 9010374777

https://vbit-conference.vercel.app/
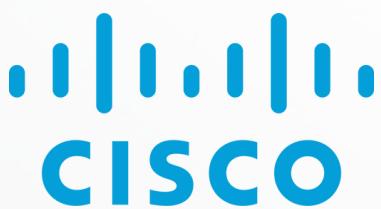
# IC-ACIST '24

## ABOUT IC-ACIST

- The purpose of this conference is to enhance the research in Information Technology, Computer Engineering, Communication Engineering, Electronics Engineering and to afford an international platform for researchers, academicians, engineers, industrialists and students around the world to share their research findings with the global experts in the field of Science and Technology.

- The primary goal of the conference is to help the delegates to launch their research or business relations and to associate for future collaborations in their career path. Original, unpublished papers highlighting specific research domains from all subject perspectives are invited from delegates worldwide. In this concern, the conference aims to deliver, coordinate and publish research and resources to enrich the impact and growth of education allied.

CISCO　　　Springer　　　aws

# IC-ACIST`24

- **IC-ACIST`24** expresses the importance of upgrading the research in Information Technology and Engineering.
- It motivates to provide a worldwide platform to researchers far and widespread by exploring their innovations in the field of science and technology.
- The mission is to promote and improve the research and development related to Information Technology and Engineering. The essential objective of the conference is to assist the researchers in discovering the global linkage for future joint efforts in their academic outlook.

CISCO          Springer          aws
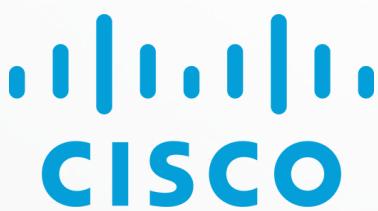
# IC-ACIST`24

- For its research track, **IC-ACIST`2024** invites original, high-quality papers addressing the following topics. All submissions will be subject to plagiarism check. We strongly encourage papers that report experimental work and results.

- Use of public data sets and repeatability of experiments, well-written papers high lighting the contributions, novel approaches for different computing platforms, are a few important parameters used for research quality assessment.

- Submissions of high-quality papers are expected in all areas of Data Engineering, Intelligent Computing, Computer Communication, Networking and IoT.

- Artificial Intelligence, Computational Intelligence, Cognitive Computing, Cloud & Fog Computing, Deep Learning, Intelligent Agents, Machine Learning, Optimization Techniques, Parallel & Scalable Computing, Security Tools & Technologies, Autonomous Agents, Big data Tools & Technologies, Stream Mining, Social Media, Knowledge-based Systems and Formal Methods, Search Engines and Information Retrieval, Real-time Analytics, Security and Information Assurance, Natural Language Processing, Cybersecurity, Wireless Sensor Networks, Cyber Physical Systems, Health Care Recommendation Systems, Data Science, Quantum Computing, Distributed computing, Blockchain Communications -5G , 6G

# IC-ACIST`24

and onwards, Sensor networks and embedded systems, Geographic information systems, Body Area Networks, Satellite and Optical Communication, Soft Computing, Data analysis and Visualization, Internet of Things (IoT), Mathematical Modeling and Simulation, Signal and Speech Processing, Image and Video Processing, Microelectronics and VLSI and Embedded Systems, Smart Transmission grids with renewable energy Systems, Power Electronic devices in Smart Grid applications, Efficient battery management in EV Technology, Communication technologies for EV charging management, AI applications in renewable energy systems, BMS and ML based EV Technologies.

- Submitted papers should neither be previously published nor under consideration for publication elsewhere. All papers will be refereed through a peer review process.

- The proceedings of IC-ACIST-2024 will be published in the Springer Book series "Lecture Notes in Networks and Systems (LNNS)", which will be Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago.

- All books published in the series are submitted for consideration in Web of Science.

CISCO          Springer          aws

📞 +91 9010374777          ✉ https://vbit-conference.vercel.app/

## ABOUT - VBIT

- **VBIT**, Sponsored by Swami Vivekananda Educational Trust (SVET) is the place where opportunities are provided for students to realize their ambitions, where new ideas are born, where innovative projects materialize, and where students excel in learning.

- Founded in 2004 by highly qualified people, Vignana Bharathi Institute of Technology emerged as a hub for engineering excellence. At VBIT, students will discover engineering in a different light. Students will experience an engineering education that is on par with the industry requirement.

- The sprawling 17.78 acre campus has state-of-the-art teaching facilities to train students in emerging technologies. The college is located about 18 kms from Uppal on the Warangal Highway.

### VISION

- To emerge as a premier institution for technical education in the country through academic excellence and to be recognized as centre for excellence in Research and Development.

### MISSION

- To establish a strong institute by consistently maintaining state of the art infrastructure and a cohesive, world class team by providing based technical education

**CISCO**

**Springer**

**aws**

📞 +91 9010374777

✉ https://vbit-conference.vercel.app/

## RANKING & ACCREDITATION

- VBIT College has consistently ranked among the top engineering colleges in the country. It is accredited by reputable organizations and maintains high standards of quality education. The college's commitment to excellence has earned it recognition and accolades from various quarters.

CISCO

Springer

aws
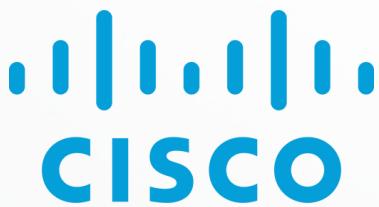
## MANUSCRIPT SUBMISSION

- All submitted papers will go through a plagiarism check process.

- The manuscript should not contain embedded links, scanned images, header and footer.

- Paper submission link - https://vbit-conference.vercel.app/submission

- Email submission will not be accepted.
- All queries related to the conference shall be addressed to https://vbit-conference.vercel.app/

- All presented papers in the conference will be submitted to IEEE for possible publication in the IEEE Xplore® digital library.
- Extended version of selected papers will be recommended for
- Publication in Scopus indexed journals with impact factor
- Original Contributions are solicited on topics covered under broad areas not restricted to.

CISCO    Springer    aws

📞 +91 9010374777    ✉ https://vbit-conference.vercel.app/

# IC-ACIST '24
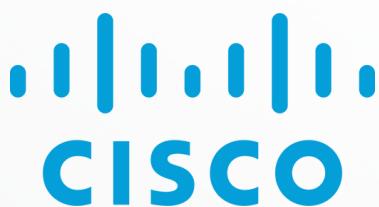
## IMPORTANT DATES

- **Full Paper Submission** : **05th November, 2023**
- **Notification of Acceptance** : **04th December, 2023**
- **Camera Ready Paper Submission with Registration** : **06th January,2024**
- **Conference Dates** : **22nd & 23rd February, 2024**

## REGISTRATION DETAILS

| Category | Indian authors and delegates | | Foreign authors and delegates | |
|---|---|---|---|---|
| *Registration fee includes GST | Standard Rates | Early Bird Rates | Standard Rates | Early Bird Rates |
| Industry Professionals | Rs. 12000 | Rs. 10000 | 300$ | 250$ |
| Faculty / Academicians | Rs. 10000 | Rs. 9000 | 250$ | 200$ |
| Faculty / Academicians (members) | Rs. 8000 | Rs. 7000 | 225$ | 175$ |
| Research Scholars, UG and PG Students | Rs. 7000 | Rs. 6000 | 200$ | 150$ |
| Research Scholars, UG and PG Students ( Members) | Rs. 6000 | Rs. 5000 | 175$ | 125$ |
| VBIT (internal) | Rs. 5000 | Rs. 4000 | -- | -- |
| Co-Authors / Participants (non-authors) | Rs. 5000 | Rs. 4000 | 100$ | 50$ |

CISCO    Springer    aws

+91 9010374777    https://vbit-conference.vercel.app/

# IC-ACIST `24

## CONTACT US

### CONVENER
**Dr. G Sreeram**
**Professor,CSE DEPT, VBIT.**
**+91 9010374777**
sreeram@vbithyd.ac.in

### PUBLICATION CHAIR
**Dr. G Sreeram**
**Professor,CSE DEPT, VBIT.**
**+91 9010374777**
sreeram@vbithyd.ac.in

### CO-CONVENER
**Dr. N.Arjun**
**Associate Professor, CSE-DEPT,VBIT.**
**+91 9948658071**
arjun.nelikanti@vbithyd.ac.in

### FINANCE CHAIR
**Dr. N.Swapna**
**Associate Professor,CSE DEPT, VBIT.**
**+91 9010374777**
swapna.neerumalla@vbithyd.ac.in

CISCO

Springer

aws

📞 +91 9010374777

✉ https://vbit-conference.vercel.app/

# IC-ACIST'24

## CHIEF Patrons
- Dr. N. Goutham Rao, Chairman, VBIT.
- Dr. G. Manohar Reddy, Secretary, VBIT.

## PATRONS
- Dr. P.V.S.Srinivas ,Principal,VBIT.

## HONORARY CHAIR
- Dr.XXXXXX, Professor,CSE-Dept,VBIT.

## CONFERENCE CHAIR
- Dr. M.Venkateswara Rao,HOD-CSE Dept,VBIT.

## PROGRAM CHAIR
- Dr.S.Sundeep ,R&D Director,VBIT.
- Dr.T.Swarupa Rani,Director of Student Affairs,VBIT.
- Dr.S.Pothalaiah,Director of Academics and Planning,VBIT.
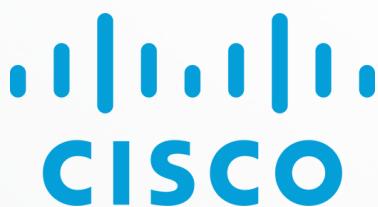
## PUBLICATION CHAIR
- DR.XXXXXXX,VBIT.

## CONVENER
- Dr.G.Sreeram,Professor,CSE-Dept,VBIT.

## CO-CONVENER
- Dr.N.Srinivas,Associate Professor,CSE-Dept,VBIT

CISCO

Springer

aws

📞 +91 9010374777

✉ https://vbit-conference.vercel.app/

# IC-ACIST`24
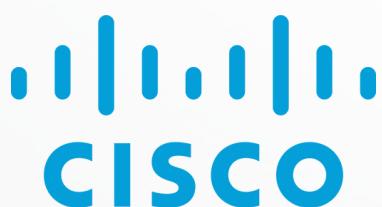
## ORGANIZING CHAIR

- Dr.G.Sreeram,Professor,CSE-Dept,VBIT.

## INTERNATIONAL COMMITTEE

- Dr. Ming Yang, Kennesaw State University, Atlanta, USA.
- Dr. Sanjay Misra, Covenant University, Ota, Nigeria.
- Dr. Milos Stojmenovic, Singidunum University, Serbia.
- Dr. Georgios Tsaramirsis, Higher Colleges of Technology, Abu Dhabi.
- Dr. Sven Groppe, University of Lübeck, Germany.
- Dr. Mohammad Yamin, Abdulaziz University, Jeddah, Saudi Arabia.
- Dr. Mukesh Misra, Massey University, New Zealand.
- Dr. Neha Mohanty, Department of Computer Science & Engineering,
-  New Jersey Institute of Technology, USA.
- Dr. Jinghua Groppe, University of Lübeck, Germany.
- Dr. Abdulrhman Alshareef, King Abdulaziz University.
- Dr. Gourav Gupta, Massey University, Palmerston North, New Zealand.



CISCO

Springer

aws

📞 +91 9010374777

✉ https://vbit-conference.vercel.app/

- Dr. Lal Hussain, University of Jazad Ammu and Kashmir, Pakistan.
- Dr. María Avilés, Gijon Hospital, Asturias, Spain.
- Dr. Izzat Al-Darraji, University of Baghdad, Baghdad.
- Dr. Lie Li, Kennesaw State University, Atlanta, USA.
- Dr. Abdulsattar Abdullah Hamad, University of Samarra, Iraq.
- Dr. Vicente Garcia Diaz, University Oviedo, Spain.
- Dr. Oscar Castillo, Tijuana Institute Technology, Mexico.
- Dr. J P Das, University of Alberta, Canada.
- Dr. Rajkumar Singh Rathore, Cardiff Met University, London.
- Dr. Prasad Chetti, Northwest Missouri State University, USA

## ADVISORY COMMITTEE

- Dr.Ch.Venkata Ramana Reddy,Director of Freshman Engineering,VBIT.
- Dr.K.Shirisha Reddy,Associate Professor,HOD-CSE(AI-ML),VBIT.
- Dr.Y.Raju,Associate Professor,HOD-CSE(DS),VBIT.
- Dr.Polasi Sushma,Professor,HOD-CSE(CYBER SECURITY),VBIT
- Dr.G.Swamy,Associate Professor,HOD-CSE(CSBS),VBIT.
- Dr.K.Kalaivani,Associate Professor,HOD-IT,VBIT.
- Dr.U.Poorna Lakshmi,Professor,HOD-ECE,VBIT.
- Dr.K.Neelima,Professor,HOD-EEE,VBIT.
- Dr.B.Satish Kumar,Associate Professor,HOD-MECH,VBIT.
- Dr.U.Rama Krishna,Associate Professor,HOD-CIVIL,VBIT.

.

CISCO

Springer

aws

+91 9010374777

https://vbit-conference.vercel.app/

# IC-ACIST '24

## NATIONAL ADVISORY COMMITTEE

DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX
DR.XXXXXXXX

CISCO

Springer

aws

📞 +91 9010374777

✉ https://vbit-conference.vercel.app/