



# IEEE International conference on Electronics, Computing and Communication Technologies (CONECCT 2023)

14-16 July 2023 | Venue: Ramaiah Institute of Technology, Bangalore, India | <https://ieee-connect.org/>  
Track-T Exploration in Cyber-Physical System Education

## About Conecct 2023

Intentional Conference on Electronics, Computing and Communication Technologies, (CONECCT) is a flagship conference of the IEEE Bangalore Section, India. The CONECCT 2023 in its 9th edition and will be held from July 14-16, 2023. The conference will feature plenary talks, tutorials, and technologists as well as contributed papers from academics and industry professionals. Peer-reviewed accepted papers will most likely be published in IEEE Xplore as well as Conference Proceedings.

Cyber-Physical Systems (CPS) are Transforming the way people interact with engineered systems. These integrate sensing, computation, control, and networking into physical objects and infrastructure, connecting them to the internet and to each other. Robots, intelligent buildings, implantable medical devices, and autonomous cars are all examples of CPS. These systems and their applications are cardinal in addressing challenges faced by policymakers and technologists.

## Track-T Exploration in Cyber-Physical System Education

**Key insights:** Cyber-physical systems education carries unique challenges and opportunities that arise from the intersection of cyber and physical worlds, the need to master the basics in a diverse set of topics, and the importance of blending theoretical topics with laboratory work. The past decade has seen significant advances in the development of undergraduate CPS curricula, textbooks, laboratory material, online courses, and technologies for personalized and virtual education.

This track is aimed at providing a platform of sharing the research and thoughts for researchers, industry professionals, academicians and students working in the domain of CPS Aspects in Education and related areas to publish their papers on the following themes but not limited to:

- Survey on Education for Cyber-Physical Systems
- Requirements for CPS Education
- Design of curricula for CPS Education
- Course design for CPS Education
- Evaluation for CPS Education
- Education for Embedded Systems , Foundations of Cyber-Physical Systems, and the Internet of Things

## Track Chair

**Dr. R Venkata Siva Reddy,**  
Professor, REVA University (rvsiva-reddy@ieee.org)

## Track Co-Chair

**Dr. Viswanatha V**  
Assistant Professor, Nitte Meenakshi Institute of Technology, Bangalore (viswanatha.v@ieee.org)

## Important Dates

Full Paper Submission	: 05 March, 2023
Acceptance Notification	: 26 April, 2023
Final Manuscript Submission	: 22 May, 2023
Conference Dates	: 14-16 July, 2023



**CMT Submission link: <https://cmt3.research.microsoft.com/CONECCT2023/>**