



11th International Conference on Control,
Decision and Information Technologies

July 15- 18, 2025

Split, Croatia

CALL FOR PAPERS - SPECIAL SESSION

“Technology Education Mentorship: Data Driven Models, Tools, Technologies, Practices and Challenges to Empower Teachers and Learners in Digital Age ”

for

CODIT 2025

July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

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Session description:

This special session deals with the problem of Technology education mentorship focusing on the transformative potential of mentorship programs in enhancing the skills, knowledge, and confidence of both educators and learners in technology-driven fields. By fostering an environment of collaborative learning, mentorship bridges the gap between academic curricula and real-world applications, enabling educators to stay abreast of emerging technologies and empowering students to thrive in competitive global markets.

The goal is to highlight innovative mentorship strategies, explore challenges in implementing mentorship programs, and identify opportunities for improving mentorship in technology education. The session will discuss successful case studies, data-driven approaches to mentorship evaluation, and the role of mentorship in fostering diversity, equity, and inclusion in technical education. This session aims to inspire collaborative discussions and generate actionable insights that can shape the future of technology education mentorship.

The topics of interest include, but are not limited to:

- **Innovative Mentorship Models in Technology Education:**
 - Strategies for integrating mentorship with emerging educational technologies.
 - Case studies of successful mentorship programs in STEM fields.
- **Impact of Mentorship on Teaching and Learning Outcomes:**
 - Assessing the role of mentorship in bridging academic and industry gaps.

- Quantitative and qualitative analyses of mentorship outcomes for educators and students.
- **Mentorship and Professional Development:**
 - Role of mentorship in upskilling teachers for technology-rich curricula.
 - Leveraging mentorship for career advancement in academia and industry.
- **Technological Tools for Effective Mentorship:**
 - Applications of AI and machine learning in personalized mentorship.
 - Digital platforms enabling mentor-mentee collaboration.
- **Addressing Challenges in Mentorship:**
 - Overcoming barriers to mentorship implementation in resource-constrained environments.
 - Ensuring inclusivity and equity in mentorship for underrepresented groups.
- **Future Directions in Technology Education Mentorship:**
 - Emerging trends and opportunities for mentorship in technology education.
 - The role of mentorship in preparing students for interdisciplinary fields.

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025:** <http://controls.paperccept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2025 link** “Submit a Contribution to CoDIT 2025” and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 07, 2025: deadline for paper submission

April 27, 2025: notification of acceptance/reject

May 17, 2025: deadline for final paper and registration