

ICT and eLearning in L2 Writing Classrooms: Challenges and Opportunities

18th International Conference Innovation in Language Learning

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Introduction



Collaborative writing (CW) is an effective pedagogical approach in L2 learning.



ICT transforms how learners interact, plan, and produce written texts.



This study explores ICT's impact on CW processes, interaction, and outcomes.

Purpose

- ICT supporting collaborative writing
- Pedagogical/technological factors affecting outcomes
- Address gaps and future directions





Conceptual Framework



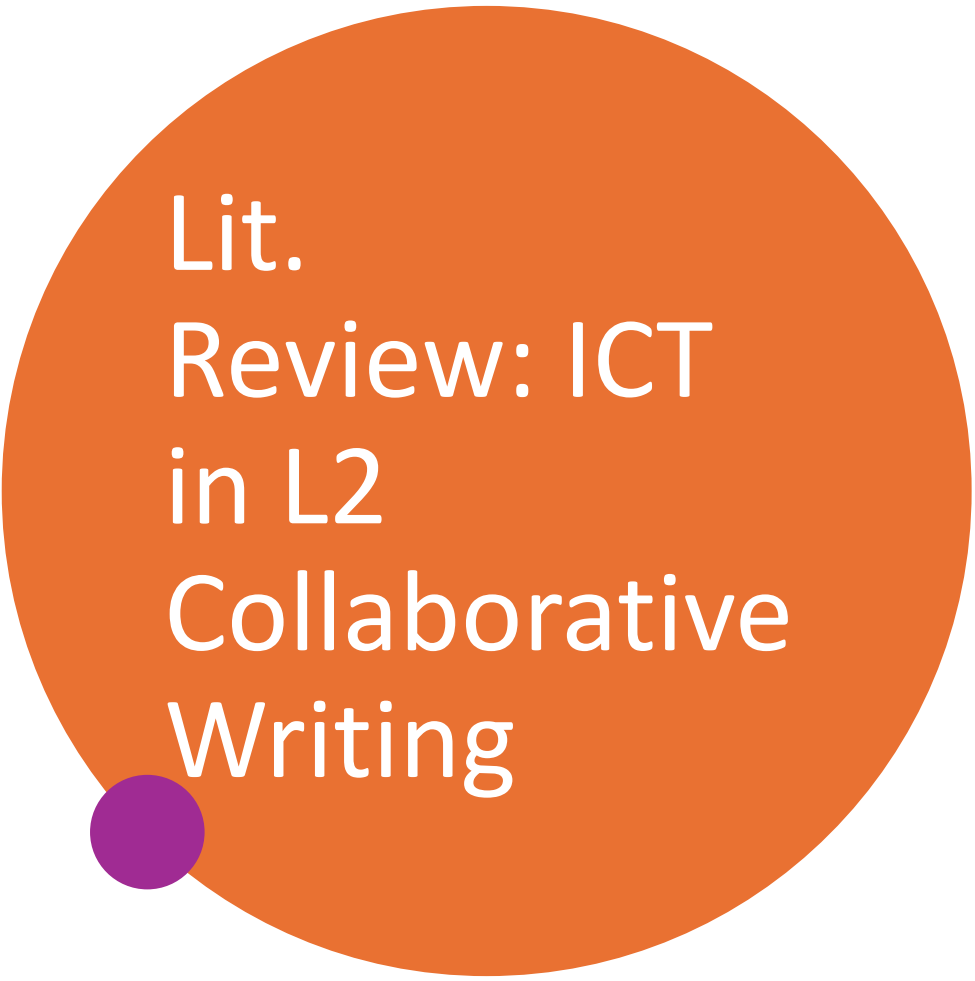
- Pedagogical practices:
ICT & digital tools.



- Technology:
mediating tool for producing
CW and feedback



- SDG 4 (Quality Education)
SDG 10 (Reduced Inequalities).



Lit. Review: ICT in L2 Collaborative Writing

- Common ICT tools: Google Docs, wikis, blogs, LMS platforms.

Advantages:

- Collaboration, peer feedback.
- Learner autonomy and engagement.
- Multidimensional: feedback and interaction.

Lit Review: ICT-Mediated CW



Planning: brainstorming via digital tools.



Co-authoring: simultaneous editing and commenting.



Reflection: post-task discussions enhance cognitive awareness.

Literature Review: Challenges Identified

Unequal digital access (digital divide- SDG 10).

Technical and connectivity issues.

Varying digital literacy among learners and teachers (SDG 4).

Assessment difficulties in group writing tasks.

Methodology

Blended methodology: semi-structured interviews/ literature review/ NVivo.

Triangulation: a substantially reliable method for validating data

The interviews:

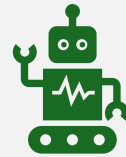
- 24 educators: different age groups/employ ICT /L2 writing classrooms
- 24 students: seniors/experienced ICT in L2 writing classes in HE

Gathered data is then processed in NVivo to produce a thematic analysis

Findings/Results (Educators)



Against ICT/AI (6): fear of distraction · plagiarism · loss of creativity



Support ICT/AI (10): self-assessment · faster feedback · market readiness



Balanced view (8): advocate customised & scaffolded use of ICT

Findings/Results(Students)



All 24 student regard ICT as a lifesaver



Advantages: Saves time · auto-correction · safe storage · instant feedback



Concerns:



Distraction & time-management issues



Overreliance on AI for generic tasks



Difficulty generating local context prompts

**NVivo Results – Key
Word Clusters: Use
ICT · digital aids ·
creativity ·
distraction · training
· plagiarism**

**Top Five Frequent Words Based on (Thematic Coding) Auto Code – all within L2
Writing Context**

ICT pros and cons	Procrastinators in digital education
ICT advantages/ disadvantages	ICT distracting tools
ICT customised	AI and plagiarism
Lack of ICT education	Student autonomy
Digital aids training	Creativity
AI and digital aids	Collaborative work issues
Technology in L2 writing	Digital marketplace gap
Digital literacy/illiteracy	Real-world education gap

Discussion:

Theme 1: LACK OF TRAINING AND LITERACY

1

Need ongoing teacher
& student training.

2

Integrate AI-detection
tools · customized
assignments ·
reflections.

3

Verify written output
with oral reflection to
ensure authenticity.

Discussion:

Theme 2: BEHAVIOURAL AND ATTITUDE ISSUES

1

Digital
procrastination &
distraction.

2

Recommend time-
management
workshops.

3

Clear deadlines for
teachers/students.

Discussion:

Theme 3: LACK OF CUSTOMISED/ TAILOR-MADE APPROACHES

1

Generic prompts encourage AI-generated writing.

2

Encourage locally grounded, scaffolded, multi-draft assignments.

Discussion:

Theme 4: DEFINING CREATIVITY AS PER THE MARKETPLACE

1

Align classroom tasks with marketplace expectations.

2

Creativity ≠ only language; includes design, layout, digital presentation.

Pedagogical Suggestions



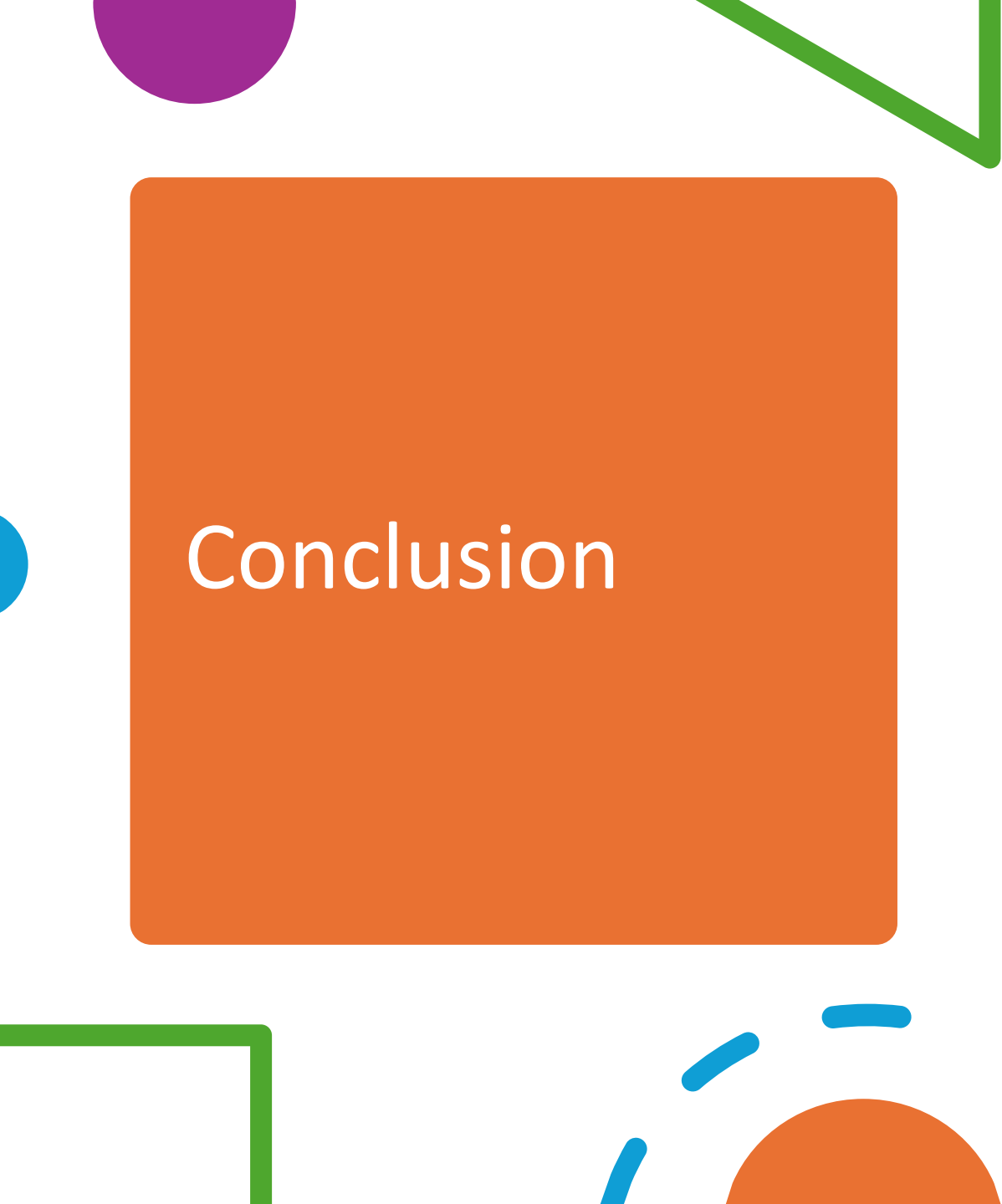
Invite business representatives
to assess creativity



Competitions & peer review



Grade visual design &
presentation quality



Conclusion

- ICT and AI are transforming L2 writing pedagogy.
- Success depends on training, customization, and ethical use.
- Policies should evolve to balance human creativity and AI support.
- Educators must adapt assessment + tasks to a digital world.

Future Directions

Explore

Further explore AI-assisted writing tools.

Conduct

Conduct further studies in the same field exploring the variables of age and level at the university.

Examine

Examine cross-cultural dynamics and integrate SDG frameworks.

Sample References

- Hyland, K. "Teaching and researching writing, New York, Routledge, 2022, 47.
- Abe, M., "Interactional practices for online collaborative writing", Journal of Second Language Writing, 49, 2020, 100752.
- Li, M., & Zhang, M., "Collaborative writing in L2 classrooms: A research agenda", Language Teaching, 56(1), 2023, 94-112.
- Li, M., & Li, J., "Online peer review using Turnitin in first-year writing classes", Computers and Composition, 46, 2017, 21-38.
- Hsu, H. C., "Wiki-mediated collaboration and its association with L2 writing development: An exploratory study," Computer Assisted Language Learning, 32(8), 2019, 945–967.
- Hafner, C. A., & Ho, W. Y. J., "Assessing digital multimodal composing in second language writing: Towards a process-based model", Journal of Second Language Writing, 47, 2020, 100710.
- Elola, I., & Oskoz, A., "Writing with 21st century social tools in the L2 classroom: New literacies, genres, and writing practices", Journal of Second Language Writing, 36, 2017, 52-60.
- Pakdel, F., Khojasteh, L., Kafipour, R., & Shahsavar, Z., "Navigating AI writing tools in medical education: A SWOT analysis of L2 academic writing perspectives", Language Teaching Research, 2025, 1-34.



Thank you for your time

Any questions?