FIE Work-In-Progress (WIP) Paper Rubrics – 05/28/2024

Research-to-Practice

Directions for Reviewers: The rubric consists of three areas for evaluation: (a) *Contents,* (b) *General Paper Mechanics*, and (c) *Reviewer Confidence & Overall Evaluation*. For each item, please provide the author(s) with your reasoning and constructive feedback on how they can further strengthen their paper in the comment box.

Criteria	5 – Excellent	4 – Good	3 – Fair	2 – Needs Improvement	1 - Unsatisfactory
Theoretical Frameworks regarding concepts, theories, and/or practices	The theoretical framework is well-defined for a WIP level paper and aligns with the context, goals, and research questions.	The theoretical framework is adequately defined for a WIP level paper and aligns with the context, goals, and research questions.	The framework is only somewhat defined for a WIP level paper, but lacks alignment with the context, goals, and/or research questions. There is a need for further clarification.	The framework is ill-defined and lacks alignment with the context, goals, and research questions for practice, even for a WIP level paper.	Missing.
Intended Outcome	The learning outcomes or objectives are clearly defined. For a WIP level paper, the authors clearly articulate intentions for instructional strategies for the research or theoretical frameworks.	The learning outcomes or objectives are adequately defined. For a WIP level papers, the authors articulate intentions for instructional strategies for the research or theoretical frameworks.	The learning outcomes are only somewhat defined and are not clearly articulated with instructional strategies or research-theoretical frameworks even for a WIP level paper.	The authors only briefly mentioned the course or topic without articulating instructional strategies, the research, or theoretical frameworks upon which the work is built. This was too short even for a WIP level paper.	Missing.

Application Design	For a WIP, the application of pedagogical research to practice is well documented, exceptionally original, novel, and extensible in designing educational research activities, such as assessment, instruction, course projects, curricular activities, etc.	For a WIP, the application of pedagogical research to practice is appropriately documented, original, and demonstrates a degree of novelty, providing insights into designing educational research activities.	Even for a WIP, the application of pedagogical research to practice is not clearly articulated. The extension to designing educational research activities, such as assessment, instruction, course projects, curricular activities, etc. Is unclear.	The application of pedagogical research to practice is very limited even for a WIP level paper.	Missing.
Methods: Established procedures adhere to quality standards for **quantitative, qualitative, or mixed methods**	The methods are highly appropriate and sufficiently described, for a WIP level paper, adhering to exemplary quality standards and suited well to answer the research questions.	For a WIP level paper, the methods are suitable and described, meet established quality standards, and demonstrate a clear connection to the research questions.	The methods are outlined, but even for a WIP, lack sufficient detail to evaluate their suitability to effectively address the research questions.	The methods are not clearly defined and/or are inappropriate to answer the research questions even for WIP paper	Missing.
Preliminary Findings and/or Discussion	For a WIP level paper, the preliminary findings are clearly described and show evidence of intended outcomes and/or the future directions of the study were clearly discussed.	For a WIP level paper, the preliminary findings are adequately described, satisfactorily addresses the evidence of intended outcomes. Future directions of the study were discussed.	For a WIP level paper, the preliminary findings are somewhat described and include some evidence of intended outcomes. The future directions of the study were briefly mentioned.	Even for a WIP level paper, the preliminary findings do not provide clear evidence of intended outcomes. The future directions of the study were not mentioned.	Missing.

Relevance to the FIE's mission and vision	The paper is fully congruent with FIE's mission and vision.	Good Relevance.	Fair relevance.	Limited relevance.	No relevance.
Advance of the Body of Knowledge in engineering and/or computing education	Exemplary advancement for a WIP level paper. The paper is timely and advances the body of knowledge excellently.	Good advancement for a WIP. The paper reasonably advances the body of knowledge.	Fair advancement; The WIP paper only somewhat advances the body of knowledge. It should be revised to more specifically highlight the contribution(s) to the field.	Poor or Limited Advancement; The WIP paper makes a limited to no significant contribution to the existing body of knowledge.	No advancement.
Language and Expression in the organization; adherence to the IEEE paper template; meeting the page limit.	Excellent in language and English expression, the use of the IEEE paper template, and meeting the page limit.	Good in language and English expression, the use of the IEEE paper template, and meeting the page limit.	Reasonable in language and English expression but, could be improved and meet the page limit.	Poor, unlikely that it can be sufficiently improved and/or the page limit was not met.	Very difficult to understand or the page limit was not met.
Reviewer Confidence	I have expertise related to the content of the WIP paper and am highly confident in my review.	I have research experience relevant to the content of the WIP paper and am confident in my review.	I have minimal research experience relevant to the WIP paper topic and am modestly confident in my review.	I am a novice to the WIP paper content and somewhat confident in my review.	I am new to the WIP paper content and have little to no confidence in my review.
Overall Evaluation reflecting the combinations of all review criteria	Accept the WIP paper.	Accept the WIP paper with Minor Revisions; No additional review is required.	Accept the WIP paper with major revisions; will require additional reviews to determine accept/reject.	Accept the WIP with major revisions and require thorough review to determine accept/reject.	Reject the WIP paper.