TECHNICAL PAPER RUBRIC

	Needs Improvement	Adequate	Strong
Format	Paragraphs are poorly organized and do not follow the provided template	Paragraphs are moderately organized and somewhat follows the provided template	Paragraphs are well organized and follows the provided template
Figures, Tables & Equations	Figures, tables, equations, are not properly referenced and labeled; does not follow the provided template	Some figures, tables, equations, are properly referenced and labeled; adequately follows the provided template	Figures, tables, equations, are properly referenced and labeled; follows the provided template
Mechanics	Sentences are poorly written with significant grammatical errors	Sentences are generally well-written with some grammatical errors	Sentences are well written with proper grammar
Commercialization	Excessively commercialized, mentions product/ company name more than 7 times	Moderately commercialized, mentions product/company name 4-6 times	No use of commercialization, mentions product/company name 0-3 times
Abstract Alignment	Paper fails to align with the abstract	Paper adequately aligns with the abstract	Paper aligns with the abstract
Documentation & References	Fails to correctly document any sources or to utilize appropriate citation format	Most sources are correctly documented and generally appropriate citation format is utilized	All sources are correctly and thoroughly documented
Data & Resources	Data not reliable and fails to provide reference to source of data	Adequately describes selection of data and provides a general explanation on source of data	Provides in-depth explanations on data selection and credible sources with clear and complete references
Design Constraints & Approaches	Fails to discuss design constraints and methodology; provides no justification for assumptions	Adequately explains and justifies the design constraints, methodology and assumptions used general explanation on source of data	Comprehensive explanations and justifications are provided on design constraints, methodology and assumptions used
Theoretical Explanations	Fails to cover theoretical explanations	Adequately addresses theoretical explanations	Demonstrates comprehensive research and analysis
Conclusion	Fails to provide a logical conclusion	Moderately provides a conclusion that is logical	Provides a conclusion that is logical
Technical Readiness	TRL 1-3 Basic Research	TRL 4-6 Technology Development/ Demonstration	TRL 7-9 System/Subsystem Testing/ Design Finalization