RUBRIC : PROGRESS 1 (SUPERVISOR 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Milestone achieved	30	=> 40% project completed	< 40% project completed	< 30% project completed	No/minimal achievement		
Project execution follows planning	20	No/minimal progress	Progress behind schedule	Progress on schedule	Progress ahead of schedule		
Knowledge and skill improvement	20	Minimal new skills developed, unable to express new skills to supervisor	Some improvement in skills and knowledge, unable to express new skills to supervisor	Some improvement in skills and knowledge, able to express new skills to supervisor	Significant improvement in skills and knowledge, able to clearly express new skills to supervisor		
Work ethic	15	Positive attitude, good communication and relations with supervisor		Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor		
Self-reliance / Independence	15	Able to work and solve problems independently	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	Highly dependent on supervisor		
					Total marks (100.0)		
Progress 1 total marks (5%)							

*Presentation slide submission = COMPULSORY

RUBRIC : PROGRESS 2 (SUPERVISOR 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments		
Milestone achieved	30	=> 40% project completed	< 40% project completed	< 30% project completed	No/minimal achievement				
Project execution follows planning	20	No/minimal progress	Progress behind schedule	Progress on schedule	Progress ahead of schedule				
Knowledge and skill improvement	20	Significant improvement in skills and knowledge, able to clearly express new skills to supervisor	Some improvement in skills and knowledge, able to express new skills to supervisor	Some improvement in skills and knowledge, unable to express new skills to supervisor	Minimal new skills developed, unable to express new skills to supervisor				
Work ethic	15	Positive attitude, good communication and relations with supervisor	Good attitude, good communication and relations with supervisor	Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor				
Self-reliance / Independence	15	Able to work and solve problems independently	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	Highly dependent on supervisor				
					Total marks (100.0)				
	Progress 2 total marks (5%)								

^{*}Presentation slide submission = COMPULSORY

RUBRIC : FINAL REPORT (SUPERVISOR 20%)

			IC : FINAL REPORT (SUP				
				T			
<u>Criteria</u> Abstract	Weight (%)	Excellent (4) The abstract is clear, concise, and effectively covers all key elements: a well-defined problem, appropriate methodology, clear proposed solution, and strong significance of results.	Good (3) The abstract covers all key elements, though one or two may lack detail or clarity. Overall connection is good.	Fair (2) The abstract mentions the key elements but lacks depth or clarity in one or more areas, with weak connections.	Poor (1) The abstract is incomplete or unclear, missing key elements or providing little meaningful detail.	Score	Comments
Introduction	10	Contents are complete and clearly written Contents reflect project understanding	Contents are complete but not clearly written Contents fairly reflect project understanding	Contents are somewhat complete but not clearly written Contents fairly reflect project understanding	Contents incomplete and poorly written Mismatched understanding of project		
Literature review	15	Literature is from relevant and quality resources, supports project aims Critical reviews are included	Literature is from somewhat relevant and quality resources, supports project aims Critical reviews included but not done well	Limited literature from quality resources, limited relevance and insufficiently supports project aims Critical reviews not included	Literature lacks relevance, quality and depth Critical reviews not included		
Methodology	15	Appropriate selection of methodology Phases clearly stated and sufficient to support project	Appropriate selection of methodology Phases not clearly stated and insufficient to support project	Incorrect selection of methodology Phases not clearly stated and incomplete	Incorrect selection of methodology Phases not clearly stated and does not reflect project progress		
Experiment design and testing	15	All activities involved in research experiment and testing are clearly explained. This includes: Coding and implementation, data collection and sanitization, data analysis methods/techniques, testing environments.	Not all activities involved in research experiment and testing are clearly explained. Some of these are missing: Coding and implementation, data collection and sanitization, data analysis methods/techniques, testing environments	Most of the activities involved in research experiments and testing are not clearly explained or insufficient. Most of these are missing: Coding and implementation, data collection and sanitization, data analysis methods/techniques, testing environments	Minimal explanations of the activities involved in research experiment and testing, are these are poorly done. Very minimal of none of these are included: Coding and implementation, data collection and sanitization, data methods/techniques, testing environments		
Result and discussion / analysis and mindings	20	Clear explanation or research analysis Results expresentations Results expresentations (graphs, tables, clears, explanations) remainingful and appropriate Results comparison/benchmarkin (with other homolysis proprior and analysis of concept through either or prototype to effectively visualize and analyze results	Somewhat clear explanation of research analysis explanation of research analysis. Results representations (graphs, tables, charts, graphs, ted) are appropriate expression of the comparison benchmarking (with other methods techniques lappropriate of the comparison benchmarking (with other methods the chiniques lappropriate of the comparison of the compa	Somewhat dear explanation of research analysis. Results representations (graphs, tables, charts, graphics, etc) are done but not very clear, meaningful, and appropriate Results comparisor/benchmarking (with other charts) and comparisor/benchmarking (with other charts) and comparisor/benchmarking (with other charts) and done or insufficient. A basic dashboard or prototype is present but does analysis, support the result analysis.	Limited explanation of research analysis research analysis Results Results (graphs, tables, charts, graphics, etc.) are graphics, etc.) are graphics, etc.) are understanding moderation of the comparison-benchmark, ing (with other methods / dechniques / dechniques / approach) is not done or very limited moderation of the comparison of		
Conclusion	10	A clear discussion on project achievements, limitations, and contributions Provides thoughtful and detailed recommendations for future work and further research areas.	A somewhat clear discussion on project achievements, limitations and contributions Offers reasonable recommendations for future work, but they may be somewhat general or lack specific details.	Insufficient discussion on project achievements, limitations and contributions Suggests future work but does so in a vague or non-specific manner, lacking clear direction or detail.	Limited discussion on project achievements, limitations and contributions Does not address future work or provides vague, unhelpful, or irrelevant suggestions.		
Relevance of Evidence (References and Citations)	5	All references are highly relevant, credible, and well-cited, effectively supporting the project's key points.	Most references are relevant and cited correctly, though a few may lack depth or connection to the project.	Some references are relevant, but several are outdated, poorly cited, or lack clear relevance.	Few or no relevant references are used, citations are missing, or sources lack credibility.		
Appendix 1: List of Prompts Used	5	Prompts are highly relevant and clearly aligned with the research objectives, helping to significantly advance the design, analysis, or brainstorming process.	Prompts are generally relevant and help achieve most research objectives, though some prompts may be loosely connected to the goals.	Some prompts are relevant but others may lack clear alignment with the research goals or fail to effectively advance the work.	Most prompts are irrelevant or unrelated to the research objectives, providing little or no contribution to the final outcome.		
				Final R	Total marks (100.0) eport total marks (20%)		

Relevancy of prompts used



RUBRIC : FINAL REPORT (SUPERVISOR 20%)

The abstract or disease on the control of disease or common at large proposed solutions, and before proposed solutions, and softening spellations of the common and solutions and solutions and softening spellations of the common and solutions and solutions and solutions and solutions and solutions and solutions and contents are complete or contents are contents and contents are complete or contents are contents are complete or contents are complete or contents are com	RUBRIC : FINAL REPORT (SUPERVISOR 20%)									
The delibration is laboration of common and effectively covers all top elementaries. See genoments, trouble or or delibration or states or progression enhanced in the common and effectively covers all top elementaries. See genoments, trouble or or delibration o				FINAL REPORT						
concises and effectively covers all are perimetric and consistent of the proposed analysis and consistent of the proposed analysis and proposed analysis analysis and proposed analysis and proposed analysis and proposed a	Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comment		
Contents in compute 10 Contents reflect project 10 Contents reflect project 10 Contents reflect project 11 Contents reflect project 12 Contents reflect project 13 Contents reflect project 14 Contents reflect project 15 Contents reflect project 16 Contents reflect project 16 Contents reflect project 17 Contents reflect project 18 Contents reflect project 18 Contents reflect project 19 Content	Abstract		The abstract is clear, concise, and effectively covers all key elements: a well-defined problem, appropriate methodology, clear proposed solution, and strong significance of	key elements, though one or two may lack detail or clarity. Overall connection	key elements but lacks depth or clarity in one or more areas, with weak	incomplete or unclear, missing key elements or providing little				
Literature review 15 considerations and quality resources, supports proposed aims coupting fragment and proposed aims coupting fragment a	Introduction	10	Contents are complete and clearly written	but not clearly written Contents fairly reflect	complete but not clearly written Contents fairly reflect project	and poorly written Mismatched understanding of				
Appropriate selection of embodology methodology method	Literature review	15	and quality resources, supports project aims Critical reviews are	somewhat relevant and quality resources, supports project aims Critical reviews included	Limited literature from quality resources, limited relevance and insufficiently supports project aims	Literature lacks relevance, quality and depth Critical reviews not				
Experiment desting an desting an executive prepriment and setting are clearly and compared and setting are inserting compared and setting are inserting compared and setting are inserting compared and setting and inserting and inserting environments. Caster exploration or compared and analysis and desired and analysis and proportion of executive properties and setting environments. Caster exploration or compared and analysis and properties and setting environments. Concept and concept properties and setting environments. Concept and concept properties and setting environments. Concept and concept properties and setting environments. Concept and setting environments. Concept and concept properties and setting environments. Concept and concept properties and setting environments. Concept and concept properties and setting and concept properties and setting and concept properties. Concept and concept properties and concept properties and setting and concept properties. Concept and concept properties and concept properties. Concept and concept properties and concept properties. Concept and concept	Methodology	15	methodology Phases clearly stated and sufficient to support	Appropriate selection of methodology Phases not clearly stated and insufficient to support	Incorrect selection of methodology Phases not clearly stated	methodology Phases not clearly stated and does not				
Results and findings and consequent analysis of research and research and research and research and research and r	design and testing	15	All activities involved in research experiment and testing are clearly explained. This includes: Coding and implementation, data collection and sanifization, data analysis methods/techniques.	Not all activities involved in research experiment and testing are clearly explained. Some of these are missing: Coding and implementation, data collection and santitization, data analysis methods/techniques.	Most of the activities involved in research experiments and testing are not clearly explained or insufficient. Most of these are missing: Coding and implementation, data collection and sanitization, data analysis methods/fechniques, testing	Minimal explanations of the activities involved in research experiment and testing, are these are poorly done. Very minimal of none of these are included: Coding and implementation, data collection and sanitization, data analysis methods/techniques.				
Indications, and contributions for the contr	discussion / analysis and	20	research analysis Results representations (graphs, habes, charts, (graphs, habes, charts, maningla se clear, appropriate Results comparison-benchmarkin methods-techniques/appr cach) are clearly detailed A highly functional proof- de concept through either or prochape to effectively visualize and analyze results.	explanation of research analysis nanalysis (separks, tables, (sparks, tables, (sparks, tables, charts, graphics, etc.) are somewhat class, charts, graphics, etc.) are somewhat class, charts, meaningful and appropriate comparison/benchmarkin g (with other methods/techniques/approach) is done but not in detail and tables, and the concept through a dashboard or protocype is staked some first protocype is staked some first protocype is staked some first protocype.	of research analysis Results representations (graphs, tables, charts, graphics, etc) are done but ont very clear, meaningful, and appropriate Results Comparison/benchmarking (with other methods/leschniques/approac b) is not done or insufficient A basic dashboard or profetype is present but done of fully support the result	Limited explanation of research analysis represents analysis represents the second of				
Relevance of Eridence (References are highly elevant and clots of Eridence (References are indicated and Eridence (References are indicate	Conclusion	10	project achievements, limitations, and contributions Provides thoughtful and detailed recommendations for future work and further	discussion on project achievements, limitations and contributions Offers reasonable recommendations for future work, but they may be somewhat general or	project achievements, limitations and contributions Suggests future work but does so in a vague or non- specific manner, lacking	project achievements, limitations and contributions Does not address future work or provides yeage, unhelpful, or				
Appendix 1- List of Prompts Prompts are highly elevent and index place deciment and index deciment and ind	(References and Citations)	5	All references are highly relevant, credible, and well-cited, effectively supporting the project's key points.	relevant and cited correctly, though a few may lack deoth or	relevant, but several are outdated, poorly cited, or	references are used, citations are missing, or sources lack credibility.				
Total marks (100.0)	Appendix 1: List of Prompts Used	5	Prompts are highly relevant and clearly aligned with the research objectives, helping to significantly advance the	Prompts are generally relevant and help achieve most research objectives, though some prompts may be loosely	but others may lack clear alignment with the research goals or fail to effectively	Most prompts are irrelevant or unrelated to the research objectives, providing little or no contribution to the final outcome.				

RUBRIC : PRESENTATION (EVALUATORS 15%)

			PRESENTATION				
Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comment
Clarity of Presentation	20		Presentation is clear and	Presentation is somewhat clear,	Presentation is unclear,		
		clear and understandable,	understandable, but with	but with significant issues in	difficult to follow, and		
		with all key points well-	minor issues in articulation	articulation	lacks articulation		
		articulated					
Project understanding /	15	Clearly define the topic,	Define the topic, problem	Define the topic, problem	Does not clearly define		
Content		problem, varied solution and clearly justified	and its possible solution	and its possible solution	the topic, problem, and its possible solution.		
			Mostly understand the	Somehow understand the			1
		Clearly understand the	key analysis and the	key analysis and the	Little understanding of		1
		key analysis and	expected findings but the	expected findings but with	the key analysis and		1
		expected result with	explanation is not clear	little evidence	the expected findings		1
		relevant and accurate			with or without		
			Provide evidence with		evidence		
		details	multiple sources				
		Provide evidence with					
		multiple and varied					
		multiple and varied					
Organization and Structure	16	Presentation is excellently	Presentation is well.	Presentation is somewhat	Presentation is not		_
organization and structure	13	organized with a logical	organized with a logical	organized but lacks a clear	organized		1
		flow and clear structure	flow, but with minor issues	structure or flow	organizeu		
Delivery and Presentation Skills	15	Presenter delivers	Presenter delivers	Presenter is somewhat	Presenter is lacking in		
		confidently and engagingly,	confidently, with good eye	confident but lacks engagement	confidence, engagement,		
		with excellent eye contact	contact and body language	or effective body language	and body language		
		and body language					
Visual Aids and Materials	10		Visual aids are effective and	Visual aids are somewhat	Visual aids are		
		effective, well-designed,	support the presentation,	effective but could be improved	ineffective, poorly		
		and enhance the	with minor improvements	in design or relevance	designed, or do not		
		presentation	needed		support the presentation		
Response to Questions	15		Responds to most	Responds to questions with	Fails to respond		
		confidently and accurately, demonstrating a thorough	questions accurately with	some uncertainty or incomplete	adequately to questions or demonstrates lack of		
		understanding	minor gaps in understanding	answers	understanding		
	10	Professionally dressed	Dressed appropriately	Dressed casually, some	Does not follow LITM		
Appearance and	10	Professionally dressed and fully complies with	Dressed appropriately with minor deviations	Dressed casually, some violations of UTM Smart Day	Does not follow UTM Smart Day dress code.		1
	1		from the UTM Smart Day	dress code	omen buy diess code.		1
	1	code	dress code	uncas cooc.	Impolite to examiners.		1
	1	1	urcas cooc.	Shows limited politeness or	impone to examiners.		1
		Shows a positive and	Polite and respectful to	respect toward examiners.			
		respectful attitude toward	examiners.	,			
	1	examiners.	1	1	1		1
			•	•	Total marks (100.0)		
				Descrip	ation total marks (15%)		1

RUBRIC : SUPERVISION (SUPERVISOR 10%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Quality of Engagement	30	Each meeting is well- prepared, productive, and results in clear action items or progress; active participation is evident.	Meetings are generally productive with some preparation, though not all result in clear progress or action items.	to limited progress or unclear	Meetings are unproductive, lack preparation, and result in little to no progress or actionable outcomes.		
Consistency in Reporting Progress	30	Provides comprehensive updates on progress during each meeting, ensuring clear communication of achievements and challenges.	Provides updates on progress in most meetings, though some details or challenges may be overlooked.	Provides inconsistent or incomplete updates on progress, with gaps in communication about key issues.	Provides little to no updates on progress, with poor communication and unclear reporting of challenges.		
Work ethic	10	Positive attitude, good communication and relations with supervisor	Good attitude, good communication and relations with supervisor	Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor		
Self-reliance / Independence	10	Able to work and solve problems independently	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	Highly dependent on supervisor		
Timeliness	20	Consistently meets all deadlines for deliverables, showing excellent time management.	Meets most deadlines, with only minor delays that do not impact overall progress.	Frequently misses deadlines or requires extensions, impacting progress.	Rarely meets deadlines, causing significant delays in progress and supervision activities.		
					Total marks (100.0)		
				Superv	ision total marks (10%)		1

RUBRIC : OUTPUT (SUPERVISOR 40%)

Achievement of research objectives	15	The project fully achieves or exceeds all stated research objectives, demonstrating a thorough understanding of the research goals and their significance. The research design is highly appropriate, and well-justified. It is design is professionally and the significance in the significance of the significance in the significance of the signific	The project meets most of the research objectives with minor deviations. The understanding of the research goals is clear, though some aspects may lack depth. The research design is appropriate and well-justified, with a clear connection to the research objectives. Minor improvements could be made in its arriculation or innovation.	The project meets some of the research objectives, but with noticeable gaps or shortcomings. The understanding of research goals is adequate but could be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows basic understanding but	The project falls to meet most or all of the research objectives. The understanding of the research goals is minimal or unclear The research design is inappropriate, poorly justified, or misaligned with the research objectives. It shows a	
objectives Research Design	15	objectives, demonstrating a thorough understanding of the research goals and their significance. The research design is highly appropriate, and well-justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	with minor deviations. The understanding of the research goals is clear, though some aspects may lack depth. The research design is appropriate and well- justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	with noticeable gaps or shortcomings. The understanding of research goals is adequate but could be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	research objectives. The understanding of the research goals is minimal or unclear The research design is inappropriate, poorly justified, or misaligned with the research	
Research Design	15	thórough understanding of the research goals and their significance. The research design is highly appropriate, and usell- justified. It is dearly articulated and aligns perfectly with the research objectives. The experiment procedure	The understanding of the research goals is clear, though some aspects may lack depth. The research design is appropriate and well-justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	shortcomings. The understanding of research goals is adequate but could be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	The understanding of the research goals is minimal or unclear The research design is inappropriate, poorly justified, or misaligned with the research	
	15	the research goals and their significance. The research design is highly appropriate, and well- justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	research goals is clear, though some aspects may lack depth. The research design is appropriate and well-justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	understanding of research goals is adequate but could be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	the research goals is minimal or unclear The research design is inappropriate, poorly justified, or misaligned with the research	
		significance. The research design is highly appropriate, and well-justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	though some aspects may lack depth. The research design is appropriate and well- justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	goals is adequate but could be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	minimal or unclear The research design is inappropriate, poorly justified, or misaligned with the research	
		The research design is highly appropriate, and well-justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	may lack depth. The research design is appropriate and well-justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	be improved. The research design is somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	The research design is inappropriate, poorly justified, or misaligned with the research	
		highly appropriate, and well- justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	appropriate and well- justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	somewhat appropriate but may lack clarity, justification, or alignment with the research objectives. It shows	inappropriate, poorly justified, or misaligned with the research	
		justified. It is clearly articulated and aligns perfectly with the research objectives. The experiment procedure	justified, with a clear connection to the research objectives. Minor improvements could be made in its articulation or innovation.	may lack clarity, justification, or alignment with the research objectives. It shows	justified, or misaligned with the research	
		articulated and aligns perfectly with the research objectives. The experiment procedure	connection to the research objectives. Minor improvements could be made in its articulation or innovation.	or alignment with the research objectives. It shows	with the research	l
		perfectly with the research objectives. The experiment procedure	research objectives. Minor improvements could be made in its articulation or innovation.	research objectives. It shows		
	15	objectives. The experiment procedure	Minor improvements could be made in its articulation or innovation.			
	15	The experiment procedure	could be made in its articulation or innovation.			
	15		articulation or innovation.		lack of understanding or consideration of key	l
	15			lacks sophistication.	design principles.	
Experiment Procedure	15		The experiment	The experiment procedure is	The experiment	
Experiment roccuare	15		procedure is well-planned	adequately planned but may	procedure is poorly	
	15	executed, with precise	and executed, with minor	have significant issues in	planned or executed.	l .
	15	attention to detail. The	issues or areas for	execution or documentation.	with significant flaws.	l
		procedures are well-	improvement. The	Some procedures may be	The documentation is	
		documented, reproducible,	documentation is clear	inappropriate or lack	unclear or incomplete,	
		and appropriate for the	and the procedures are	reproducibility.	and the procedures are	
		research goals.	generally appropriate.	l	not appropriate for the	
					research goals.	
Proof of Concept		The proof of concept is	The proof of concept is	The proof of concept is	The proof of concept is	
		convincingly demonstrated either through interactive	effectively demonstrated either through an	partially demonstrated but lacks robust evidence or has	not convincingly demonstrated, with	1
		dashboard or prototype with	interactive dashboard or	notable flaws. The approach	weak or insufficient	1
		clear, robust evidence that	prototype with solid	is basic and may not fully	evidence. The	l .
	10	supports the research	evidence. The approach	support the research	approach is poorly	
		hypothesis or objectives.	is sound, though it may	hypothesis or objectives.	executed or fails to	
		The approach is innovative	lack some innovation or	Insponicula or dejectives.	support the research	
		and well-executed.	have minor flaws in		hypothesis or	l .
			execution.		objectives.	
Research Result		The research results are	The research results are	The research results are	The research results	
Representation and Analysis		presented clearly and	well-presented and	adequately presented, but	are poorly presented or	l .
		comprehensively, with	analyzed, with a clear	the analysis may lack depth	analyzed, with	l .
	20	thorough and insightful	connection to the	or clarity. The use of data is	significant gaps or	l
	20	analysis. The use of data is exemplary, and the analysis	research objectives. The data is used effectively.	basic and may not fully support the research	errors. The use of data is weak, and the	
		strongly supports the	though some aspects of	conclusions.	analysis does not	l .
		research conclusions.	the analysis could be	CONCIUSIONS.	adequately support the	l .
		research conclusions.	more thorough.		research conclusions.	
Contribution to Knowledge		The project makes a	The project makes a	The project makes a modest	The project makes little	
		significant contribution to	meaningful contribution to	contribution to the field, with	to no contribution to the	
		the field, offering new	the field, with clear	some new insights but	field, offering few new	l .
	10	insights, theories, or	insights or applications.	limited impact. It is of interest	insights or applications.	l .
		applications. The work has	While not	but may not significantly	It does not advance	1
		potential for publication or	groundbreaking, it adds	advance knowledge in the	knowledge in any	
		practical implementation.	value and could be built upon in future work.	area.	meaningful way.	
3 Minutes Research Showcase		The video clearly and	The video demonstrates	The video provides basic	The video is unclear or	_
Video		effectively demonstrates the	the research with good	information about the	disorganized, failing to	
-1000		research objectives,	clarity, though some parts	research but lacks clarity in	effectively demonstrate	
		methods, and outcomes are	may be less detailed or	explaining some part of the	the research, leading to	l .
		articulated with precision.	slightly confusing.	research making some parts	confusion.	l
		1	1 - 7	difficult to understand.		1
		The presentation is highly	The presentation is		The presentation is	l
		engaging, professional, and	generally engaging and	The presentation is basic	unengaging,	1
		visually appealing. The	professional with minor	and may lack engagement or	unprofessional, or	1
	10	speaker is confident,	issues in visuals or	professionalism. The	poorly executed. The	1
		articulate, and uses	delivery. The speaker is	speaker is somewhat clear	speaker is unclear or	1
		effective visuals or props.	clear but may lack some	but may have issues with	lacks confidence, and visuals or props are	1
		The	confidence or polish.	delivery or visuals.		1
		The video effectively conveying the significance	The video is clearly	The video convevs the	ineffective.	
		of the research	conveying the	research but may lack	The video fails to make	l
		or the research	significance of the	impact or memorability. The	an impact or effectively	1
		I	research. It is memorable	significance of the research	convey the significance	1
		I	with minor improvements.	may not be fully clear.	of the research.	1
		1	proceedings improved lights.	imay not be fully ureal.	Total marks (100.0)	
						1
				OUT	PUT Total Marks (40%)	I

RUBRIC : OUTPUT (EVALUATORS 40%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comment
Achievement of		The project fully	The project meets most	The project meets some of	The project fails to		
research	1	achieves or exceeds all	of the research	the research objectives,	meet most or all of		1
objectives		stated research	objectives with minor	but with noticeable gaps	the research		
		objectives,	deviations. The	or shortcomings. The	objectives. The		
	20	demonstrating a	understanding of the	understanding of research	understanding of the		
		thorough understanding	research goals is clear,	goals is adequate but	research goals is		
		of the research goals	though some aspects	could be improved.	minimal or unclear		
		and their significance.	may lack depth.				
Research Design		The research design is	The research design is	The research design is	The research design		_
research Design		highly appropriate, and	appropriate and well-	somewhat appropriate but	is inappropriate.		
		well-justified. It is	justified, with a clear	may lack clarity,	poorly justified, or		
		clearly articulated and	connection to the	justification, or alignment	misaligned with the		
	15	aligns perfectly with the	research objectives.	with the research	research objectives.		
		research objectives.	Minor improvements	objectives. It shows basic	It shows a lack of		
			could be made in its	understanding but lacks	understanding or		
			articulation or	sophistication.	consideration of key		
			innovation.		design principles.		
Experiment Procedure		The experiment	The experiment	The experiment procedure	The experiment		
		procedure is	procedure is well-	is adequately planned but	procedure is poorly		
		meticulously planned	planned and executed,	may have significant	planned or executed,		
		and executed, with precise attention to	with minor issues or areas for improvement.	issues in execution or documentation. Some	with significant flaws. The documentation is		
	15	detail. The procedures	The documentation is	procedures may be	unclear or		
	1	are well-documented.	clear and the	inappropriate or lack	incomplete, and the		1
	I	reproducible, and	procedures are	reproducibility.	procedures are not		
	I	appropriate for the	generally appropriate.	reproducibility.	appropriate for the		
	I	research goals.	and appropriate.		research goals.		
Proof of Concept		The proof of concept is	The proof of concept is	The proof of concept is	The proof of concept		
		convincingly	effectively	partially demonstrated but	is not convincingly		
	I	demonstrated either	demonstrated either	lacks robust evidence or	demonstrated, with		
	I	through interactive	through an interactive	has notable flaws. The	weak or insufficient		
	1	dashboard or prototype	dashboard or prototype	approach is basic and	evidence. The		1
	10	with clear, robust	with solid evidence.	may not fully support the	approach is poorly		
	10	evidence that supports	The approach is sound,	research hypothesis or	executed or fails to		
		the research	though it may lack	objectives.	support the research		
		hypothesis or	some innovation or		hypothesis or		
		objectives. The	have minor flaws in		objectives.		
		approach is innovative	execution.				
D		and well-executed.	Th	The second seconds	Th		_
Research Result Representation and		The research results are presented clearly	The research results are well-presented and	The research results are adequately presented, but	The research results are poorly presented		
Representation and Analysis		and comprehensively,	analyzed, with a clear	the analysis may lack	or analyzed, with		
Milalysis		with thorough and	connection to the	depth or clarity. The use of	significant gaps or		
		insightful analysis. The	research objectives.	data is basic and may not	errors. The use of		
	20	use of data is	The data is used	fully support the research	data is weak, and the		
		exemplary, and the	effectively, though	conclusions.	analysis does not		
		analysis strongly	some aspects of the		adequately support		
		supports the research	analysis could be more		the research		
		conclusions.	thorough.		conclusions.		
Contribution to Knowledge		The project makes a	The project makes a	The project makes a	The project makes		
		significant contribution	meaningful contribution	modest contribution to the	little to no		
		to the field, offering	to the field, with clear	field, with some new	contribution to the		
	l	new insights, theories,	insights or applications.	insights but limited impact.	field, offering few		
	10	or applications. The	While not	It is of interest but may not	new insights or		
	I	work has potential for	groundbreaking, it adds	significantly advance	applications. It does not advance		
	I	publication or practical implementation.	value and could be built upon in future work.	kilowiedge in the area.	not advance knowledge in any		
	I	implementation.	upon in tuture work.		meaningful way.		
3 Minutes Research		The video clearly and	The video		meaningiui way.		
Showcase Video	I	effectively	demonstrates the	The video provides basic	The video is unclear		
SHOW CASE VICEO	I	demonstrates the	research with good	information about the	or disorganized.		
	I	research objectives,	clarity, though some	research but lacks clarity	failing to effectively		
		methods, and	parts may be less	in explaining some part of	demonstrate the		
	I	outcomes are	detailed or slightly	the research making some	research, leading to		
	I	articulated with	confusing.	parts difficult to	confusion.		
	I	precision.		understand.	1		
	I	1	The presentation is		The presentation is		
	I	The presentation is		The presentation is basic	unengaging,		
	l	highly engaging,	professional with minor	and may lack engagement	unprofessional, or		
	10	professional, and	issues in visuals or	or professionalism. The	poorly executed. The		
	I	visually appealing. The	delivery. The speaker is	speaker is somewhat clear	speaker is unclear or lacks confidence, and		
	I	speaker is confident, articulate, and uses	clear but may lack some confidence or	but may have issues with delivery or visuals.	visuals or props are		
	I	effective visuals or	some confidence or	uelivery or visuals.	ineffective.		
	I		puisit.	The video conveys the	menduve.		
	I	props.	The video is clearly	research but may lack	The video fails to		
	I	The video effectively		impact or memorability.	make an impact or		
	I	conveying the	conveying the significance of the	The significance of the	effectively convey the		
	I	significance of the	research. It is	research may not be fully	significance of the		
			recocuron. It is	clear	research.		1
		research					
		research	memorable with minor	clear.	research.		
		research	memorable with minor improvements.	clear.	Total marks (100.0)		

RUBRIC : SHORT PAPER(EVALUATORS 5%)

Technical Content		The paper demonstrates	The paper shows a	The paper demonstrates a	The paper shows a	
			strong understanding of the technical aspects. Research objectives, literature review, methodology and results are well-explained, with minor gaps in clarity or detail.	basic understanding of the technical content. Research objectives, literature review,	poor understanding of the technical aspects. Research objectives, literature review,	
Analysis and Interpretation of Results	30		The paper describes the analysis with a solid, and clear interpretation of results supported by evidence. Some minor gaps in logic or evidence may be present.	The paper provides a basic analysis, with some interpretation of results, but may lack depth or strong supporting evidence.	The paper provides a superficial analysis, with weak or unsupported interpretation of results. Conclusions may be unclear or not logically connected to the data.	
Adherence to Guidelines	20	The paper adheres to all guidelines, including formatting, length, and citation style. It meets or exceeds all requirements with careful attention to detail.	The paper mostly adheres to guidelines with minor deviations in formatting, length, or citation style. It generally meets requirements with few errors.	The paper partially adheres to guidelines with several deviations in formatting, length, or citation style. Some requirements are not fully met.	The paper does not adhere to guidelines, with significant deviations in formatting, length, or citation style. Many requirements are not met. Total marks (100.0)	

RUBRIC : SHORT PAPER(EVALUATORS 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Technical Content	50	The paper demonstrates an exceptional understanding of the technical aspects of the topic. Research objectives, literature review, methodology and results are explained with great clarity and precision.	The paper shows a strong understanding of the technical aspects. Research objectives, literature review, methodology and results are well-explained, with minor gaps in clarity or detail.	The paper demonstrates a basic understanding of the technical content. Research objectives, literature review, methodology and results are explained but may lack detail or accuracy.	The paper shows a poor understanding of the technical aspects. Research objectives, literature review, methodology and results are unclear, inaccurate, or missing critical details		
Analysis and Interpretation of Results	30	The paper provides a thorough, highly insightful, and well-supported strong evidence analysis. Interpretation of results is logical and directly tied to the research objectives.	The paper describes the analysis with a solid, and clear interpretation of results supported by evidence. Some minor gaps in logic or evidence may be present.	The paper provides a basic analysis, with some interpretation of results, but may lack depth or strong supporting evidence.	The paper provides a superficial analysis, with weak or unsupported interpretation of results. Conclusions may be unclear or not logically connected to the data.		
Adherence to Guidelines	20	The paper adheres to all guidelines, including formatting, length, and citation style. It meets or exceeds all requirements with careful attention to detail.	The paper mostly adheres to guidelines with minor deviations in formatting, length, or citation style. It generally meets requirements with few errors.	The paper partially adheres to guidelines with several deviations in formatting, length, or citation style. Some requirements are not fully met.	The paper does not adhere to guidelines, with significant deviations in formatting, length, or citation style. Many requirements are not met.		
Total marks (100.0)							
SHORT PAPER total marks (5%)							