

Theory : ARC-4017 : Research Techniques : Rubric for Marking

CO1 : Demonstrate the knowledge of research fundamentals, theories and its importance. (C2+P3+A3) (10 marks - 3+3+4 marks)

Sl No.	FACTORS	Marks	Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
			Upto 100%	Upto 80%	Upto 60%	Upto 40%	Upto 20%	0
C2	Comprehension	3	Ability to comprehend basic learnt information with background study and its relevance in real context	Ability to comprehend basic learnt information from background study	Ability to explain basic learnt information from background study	Ability to identify basic learnt information from background study	Ability to understand information from background study	Unable to explain & identify learnt information from background study
P1	Perception	2	Ability to explain the structured information with justification	Ability to explain the structured information	Ability to understand to structure and information	Ability to think in a way that could lead to structure the information	Unable to figure out a structure to analyze the information.	Clueless about what the data is all about.
A2	Responding to phenomena	3	Ability to analyze the data in a structured way that it makes it easily interpretable.	Ability to organize the data and the analysis in a structured way	Ability to organize the data and the analysis in a less structured way but still clear.	Ability to organize the data and the analysis in a non structured way but could be structured with proper inputs.	Unable to organize the data and the analysis in a way, this is clear.	Complete lack of understanding of how to structure Data and Analysis.

CO2 : Make use of knowledge of various types of research and research methods to plan a simple research. (C3+P3+A3) (15 marks - 5+5+5)

Sl No.	FACTORS	Marks	Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
			Upto 100%	Upto 80%	Upto 60%	Upto 40%	Upto 20%	0
C1	Knowledge	5	Ability to properly conceptualize the areas of intervention having a clear idea of how to intervene on it in Thesis program.	Ability to properly conceptualize the areas of intervention	Ability to properly conceptualize the areas of intervention having a vague idea of how to intervene in Thesis program.	Ability to somehow conceptualize the areas of intervention having a vague idea of how to intervene in Thesis program.	Ability to somehow conceptualize the areas of intervention having a no idea of how to intervene in Thesis program.	Lack of ability to even conceptualize the areas of intervention in Thesis program.
P2	Set	4	Ability to Present clearly and concisely through any suitable Techniques	Ability to Present clearly and concisely	Ability to Present clearly through any suitable techniques	Ability to Present through any Techniques	Unable to figure out a structure to analyze the information.	Difficulty in Presenting through any Techniques
A3	Valuing	3	Ability to attach a strong value in terms of respective themes.	Ability to relate values in terms of respective themes.	Ability to attach a some value in terms of respective themes.	Ability to identify areas where value can be added in terms of respective themes.	Unable to identify areas where value can be added in terms of respective themes.	Total lack of understanding of the seminar theme and areas of value addition in respective themes.

CO3: Compare appropriate measuring and analytical techniques. (C4+P5+A4) (25 marks - 8.5 + 8.5 + 8)

Sl No.	FACTORS	Marks	Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
			Upto 100%	Upto 80%	Upto 60%	Upto 40%	Upto 20%	0
C3	Application	3	Ability to analyse from the collected data / information through appropriate research techniques and tools	Ability to analyse from the collected data / information through appropriate research	Ability to analyse the findings from data collection/ information and identify tools for analysis	Ability to analyse the findings from data collection/ information and understanding of various tools for analysis	Ability to synthesize and analyse the information/ findings from data collection	Unable to document, synthesize and analyse the data collected from surveys
P4	Mechanism	3	Interprete the findings from data collection co-relating to the existing literature and research gap	Interprete the findings from data collection co-relating to the existing literature	Interprete the findings from data collection and linking it to literature reviews	Interprete the findings from data collection and identify the aspects in literature study	Interprete the findings from data collection / information	Unable to interprete the findings from data collection/ information
A3	Valuing	4	Organizing the aspects to be taken up to further research to achieve the set objectives of research	Organizing the aspects to be taken up to further research to achieve the set objectives of research	Organize the key aspects to be considered for further research identifying research gap	Organize the key aspects after analyzing the findings	Identify the key aspects to be considered for further research	Unable to identify the key aspects to be considered for further research

CO4: Select appropriate analytical tools for data analysis and representation. (C4+P5+A4) (25 marks - 8.5 + 8.5 + 8)

Sl No.	FACTORS	Marks	Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
			Upto 100%	Upto 80%	Upto 60%	Upto 40%	Upto 20%	0
C4	Analysis	4	Ability to analyse from the collected data / information through appropriate research techniques and tools and its interpretation	Ability to analyse from the collected data / information through appropriate research	Ability to analyse the findings from data collection/ information and identify tools for analysis	Ability to analyse the findings from data collection/ information and understanding of various tools for analysis	Ability to synthesize and analyse the information/ findings from data collection	Unable to document, synthesize and analyse the data collected from surveys
P3	Guided response	4	Interprete the findings from data collection co-relating to the existing literature and research gap	Interprete the findings from data collection co-relating to the existing literature	Interprete the findings from data collection and linking it to literature reviews	Interprete the findings from data collection and identify the aspects in literature study	Interprete the findings from data collection / information	Unable to interprete the findings from data collection/ information
A3	Valuing	2	Organizing the aspects to be taken up to further research to achieve the set objectives of research	Organizing the aspects to be taken up to further research	Organize the key aspects to be considered for further research identifying research gap	Organize the key aspects after analyzing the findings	Identify the key aspects to be considered for further research	Unable to identify the key aspects to be considered for further research

CO5: Develop mini research proposal and paper. (C6+P5+A3) (25 marks - 8.5 + 8.5 + 8)

Sl No.	FACTORS	Marks	Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
			Upto 100%	Upto 80%	Upto 60%	Upto 40%	Upto 20%	0
C5	Synthesis	4	Successfully able to Present and write-up: a) Introduction of the topic b) Literature review and gap identification c) Formulation of research problem d) Formulation of Research objectives and research question e) Significance/ relevance of study	Able to Present and write-up: a) Introduction of the topic b) Literature review and gap identification c) Formulation of research problem d) Formulation of Research objectives and research question e) Significance/ relevance of study	Partially able to Present and write-up: a) Introduction of the topic b) Literature review and gap identification c) Formulation of research problem d) Formulation of Research objectives and research question e) Significance/ relevance of study	Able to Present and write-up: a) Introduction of the topic b) Literature review and gap identification c) Formulation of research problem d) Formulation of Research objectives and research question e) Significance/ relevance of study	Not Able to Present and write-up: a) Introduction of the topic b) Literature review and gap identification c) Formulation of research problem d) Formulation of Research objectives and research question e) Significance/ relevance of study	Unable to document, synthesize and analyse the data collected from surveys
P4	Mechanism	4	Successfully able to Present f) Identify study parameters g) Literature review and Inferences.	Able to Present f) Identify study parameters g) Literature review and Inferences.	Partially able to Present f) Identify study parameters g) Literature review and Inferences.	Able to Present f) Identify study parameters g) Literature review and Inferences.	Not Able to Present f) Identify study parameters g) Literature review and Inferences.	Unable to interprete the findings from data collection/ information
A4	Organizing values	2	Organizing the aspects to be taken up to further research to achieve the set objectives of research	Organizing the aspects to be taken up to further research	Organize the key aspects to be considered for further research identifying research gap	Organize the key aspects after analyzing the findings	Identify the key aspects to be considered for further research	Unable to identify the key aspects to be considered for further research