



SCHOLAR ZONE INDONESIA
Empowering | Nurturing | Engaging

CERTIFICATE OF PARTICIPATION

This is presented to:

Trisni Handayani, M.Pd.

for participating in the Short Course on Research
Methodology for Quantitative Survey

27 - 30 May 2022

08:00 AM – 05:00 PM

Dr. Gusman Nawanir, ST., M.Sc.

Trainer

Scholar Zone Indonesia



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SYLLABUS

Short Course on Research Methodology for Quantitative Survey
27 - 30 May 2022

Date	Topics	Duration (hours)
27 May 2022	Thinking like a researcher	0.5
	Identifying research problem and gaps	1.5
	Formulation of research objectives and research questions	0.5
	Scope and significance of study	0.5
	Novelty and contributions of research	0.5
	Research paradigms/philosophy	1
	Deductive vs inductive reasoning	0.5
	Literature review	1
	Theoretical foundations for hypotheses development	1
	Exercise – Development of research operational plan I	2
28 May 2022	Variables of research	1.5
	Research framework and hypotheses development	2
	Issues in research design	0.5
	Data sources	0.5
	Measurement development	1
	Formative and reflective measures	0.5
	Scaling issues	0.5
	Pre-data collection validity (pre-testing and pilot testing)	0.5
	Exercise – Development of research operational plan II	2
29 May 2022	Common method variance/bias	0.5
	Populations, sample, and sampling technique	2
	Data collection methods	0.5
	Data analysis techniques	1
	Normality and outliers	1
	Validity and reliability assessment	1
	Hypotheses testing (correlation and regression analyses)	1
	Exercise – Development of research operational plan III	3
30 May 2022	Reporting your works	4
	Publishing your works	4
TOTAL		36

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