IS8003: INFORMATION SYSTEMS RESEARCH SEMINARS I

Effective Term
Semester A 2025/26

Part I Course Overview

Course Title
Information Systems Research Seminars I

Subject Code
IS - Information Systems
Course Number
8003

Academic Unit
Information Systems (IS)

College/School
College of Business (CB)

Course Duration
Two Semesters

Credit Units
0-1

Level
R8 - Research Degree

Medium of Instruction
English

Medium of Assessment
English

Prerequisites
Nil

Precursors
Nil

Equivalent Courses
Nil

Exclusive Courses
Nil

Part II Course Details

Abstract

This course aims to expose students to the latest information systems research areas and methodologies through talks from a mix of researchers and faculty members from leading universities/research institutions.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Examine the development and practice of the contemporary IS research areas	30			
2	Critically evaluate current IS research areas	30			
3	Analyse and criticise IS research in a scholastic manner	20			x
4	Position IS research within a broader IS/Business context, i.e. in terms of implementability, relevance and usefulness of research outcomes	20	x	x	x

A1: Attitude
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments
Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	LTA1: Seminars	Seminars are designed to contain a mix of “lecture” and “discussion”. Students are required to actively participate in question and answer sessions during or at the end of each seminar.	1, 2, 3, 4	
2	LTA2: Online/Offline Discussions:	Students are required to participate in the question and answer sessions during or at the end of the class.	1, 2, 3, 4	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	AT1.Seminar Discussion Participation Each seminar consists of lecture and discussions. Assessment will focus on the participant’ s ability to provide organized and original contributions that reflect critical analysis and synthesis of the material presented.	1, 2, 3, 4	20	-	Yes
2	AT2.Literature Review Each student is required to conduct written review in the chosen areas. In particular, each student will be required to submit for assessment a detailed written analysis and critique of three out of the series of seminars.	1, 2, 3, 4	80	-	No

Continuous Assessment (%)

100

Examination (%)

0

Minimum Continuous Assessment Passing Requirement (%)

50

Minimum Examination Passing Requirement (%)

0

Assessment Rubrics (AR)

Assessment Task

AT1. Seminar Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to examine the development and practice of the contemporary IS research areas

Excellent
(A+, A, A-) High

Good
(B+, B, B-) Significant

Fair
(C+, C, C-) Moderate

Marginal
(D) Basic

Failure
(F) Not even reaching marginal levels

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AT1. Seminar Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion
Capability to analyse and criticise IS research in a scholastic manner

Excellent
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Assessment Task

AT1. Seminar Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to position IS research within a broader IS/Business context, i.e. in terms of implementability, relevance and usefulness of research outcomes

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

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Assessment Task

AT2. Written Review (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to examine the development and practice of the contemporary IS research areas

Excellent

(A+, A, A-) High

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Part III Other Information

Keyword Syllabus

There is no fixed syllabus. Students will be given the reading material for each seminar in advance and they are expected to participate actively in discussion during each seminar. Each seminar will be related to a contemporary research topic and given by an experienced researcher. Both IS management and IS technology oriented topics will be covered.

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	Adams, D.A., Lacity, M.C. and Mullins, J.R., Telecommunications Research in Information Systems: An Investigation of the Literature, Data Ease Vol.22, No.3 (Summer 1991), pp.35-40.
2	Baroudi, J.J. and Orlikowski, W.J., The Problem of Statistical Power in MIS Research, MIS Ouarterly Vol.13, No.1 (March 1989), pp.87-106.
3	Benbasat, I., Goldstein, D. and Mead, M., The Case Research Strategy in Studies of Information Systems, MIS Quarterly Vol.11, No.3 (September 1987), pp.369-386.
4	Benbasat, I. and Nault, B.R., An Evaluation of Empirical Research in Managerial Support Systems, Decision Support Systems Vol.6 (1990), pp.203-226.
5	Galliers, R.D. and Land, F.F., Choosing Appropriate Information Systems Research Methodologies, Communications of ACM Vol.30, No.11 (November 1987), pp.900-902.
6	Jarvenpaa, S.L., Dickson, G.W. and DeSanctis, G., Methodological Issues in Experimental IS Research: Experiences and Recommendations, MIS Quarterly Vol.9, No.2 (June 1985), pp.141-156.
7	Kaplan, B. and Duchon, D., Combining Qualitative and Quantitative Methods in Information Systems Research: A Case Study, MIS Quarterly Vol.12, No.4 (December 1988), pp.571-586.
8	Mason, R.O., McKenney, J.L. and Copeland, D.G., Developing an Historical Tradition in MIS Research, MIS Quarterly Vol.21, No.3 (Sept. 1997), pp.257-278.
9	Mason, R.O., McKenney, J.L. and Copeland, D.G., An Historical Method for MIS Research: Steps and assumptions, MIS Quarterly Vol.21, No.3 (Sept. 1997), pp.307-320.
10	Nunamaker, J.F., Chan, M. and Purdin, T.D.M., Systems Development in Information Systems Research, Journal of MIS Vol.7, No.3 (Winter 1990/91), pp.89-106.
11	Straub, D.W., Validating Instruments in MIS Research, MIS Quarterly Vol.13, No.2 (June 1989), pp.147-169.
12	Walsham, G., The Emergence of Interpretivism in IS Research, Information Systems Research Vol.6 No.4 (Dec. 1995), pp.376-394.