IS8005: INFORMATION SYSTEMS RESEARCH SEMINARS II

Effective Term
Semester A 2025/26

Part I Course Overview

Course Title
Information Systems Research Seminars II

Subject Code
IS - Information Systems
Course Number
8005

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 provide students with the necessary exposure to state-of-the-art topics, techniques, and methodologies in the research of information systems, their management, and their interaction with people and organization.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe some of the latest research areas and topics in the field of information systems.	30			
2	Describe major research techniques and methodologies that information systems researchers are adopting / developing.	30			
3	Demonstrate critical thinking and analytical ability in evaluating information systems research.	40	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: Seminar	Latest research in information systems, their theoretical background and methodologies, their impacts, and their relationship to business practices are disseminated and illustrated through interactive seminars. The underlying motivation of the research, its novelty and contribution, and the validity and reliability of the methodology will be critical assessed and discussed during the seminars.	1, 2, 3	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	AT1: Continuous assessment Attend all the seminars, and actively participate in seminar discussion and critical evaluation of the presented information systems research.	1, 2, 3	20	-	Yes
2	AT2: Written critique Each student has to read the paper provided by the presenter of the seminar, and provide a written critique that demonstrates their understanding of the presented research, including its motivation, methodology, contribution, and relevant business and managerial implications. Each student needs to submit three written reports for the course.	1, 2, 3	80	-	No

Continuous Assessment (%)

100

Examination (%)

0

Minimum Continuous Assessment Passing Requirement (%)

50

Assessment Rubrics (AR)

Assessment Task

Continuous Assessment: (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

[CILOs 1, 2] Seminar attendance / discussion (Medium weighting) - Attend all seminars - Ability to effectively describe the presented research idea, and distinguish it from existing research - Ability to effectively describe the research techniques and methodologies

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

Assessment Task
Continuous Assessment: (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion
[CILOs 3] Seminar participation (High weighting) Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work.

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

Assessment Task
Written Critique (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion
[CILOs 1, 2] Descriptive summary (Medium weighting) - Ability to effectively describe the presented research idea, and distinguish it from existing research in a written report - Ability to effectively describe the research techniques and methodologies in a written report

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

Assessment Task

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

Criterion

[CILOs 3] Analytical report (High weighting) - Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work in a written report

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

Assessment Task

Continuous Assessment: (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

[CILOs 1, 2] Seminar attendance / discussion (Medium weighting) - Attend all seminars - Ability to effectively describe the presented research idea, and distinguish it from existing research - Ability to effectively describe the research techniques and methodologies

Excellent

(A+, A, A-) High

Good

(B+, B) Significant

Marginal

(B-, C+, C) Moderate

Failure

(F) Not even reaching marginal levels

Assessment Task

Continuous Assessment: (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

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(A+, A, A-) High

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(B+, B) Significant

Marginal

(B-, C+, C) Moderate

Failure

(F) Not even reaching marginal levels

Part III Other Information

Keyword Syllabus

Essence of good publishable research: validity, reliability, novelty, practicality, and impact.
Review of key aspects of research methodology suitable for technical type and managerial type of IS research respectively.
Writing up and presenting research: components and structure of research reports; the writing process; presentation of statistics; oral presentation; publishing research reports; refereeing processes for scholarly publications; evaluating research reports.

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	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.
2	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.
3	Wlasham, G., The Emergence of Interpretivism in IS Research, Information Systems Research Vol. 6, No. 4 (Dec. 1995), pp. 376-394.
4	Galliers, R.D., Information Systems Research: Issues, Methods and Practical Guidelines Blackwell Scientific, 1992.
5	Adams, D.A., Lacity, M.C. and Mullins, J.R., Telecommunications Research in Information Systems: An Investigation of the Literature, Data Base Vol. 22, No. 3 (Summer 1991), pp. 35-40.
6	Benbasat, I. and Nault, B.R., An Evaluation of Empirical Research in Managerial Support Systems, Decision Support Systems Vol. 6 (1990), pp. 203-226.
7	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.
8	Straub, D.W., Validating Instruments in MIS Research, MIS Quarterly Vol. 13, No. 2 (June 1989), pp. 147-169.
9	Baroudi, J.J. and Orlikowski, W.J., The Problem of Statistical Power in MIS Research, MIS Quarterly Vol. 13, No. 1 (March 1989), pp. 87-106.
10	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.
11	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.
12	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.
13	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.