



RESEARCH DESIGN & DATA ANALYSIS

Meeting Days, Times, Location: [ONCE EVERY FRIDAY FOR 6 CONSEQUITIVE WEEKS, 3 HOURS, ONLINE]

Semester: [1], Year: [1]

Units: [3], Section(s): [TBD]

Instructor information

Name Preetinder Singh,BDS, MDS

Contact Info

gis.international.pr@gmail.com
P. +91-9915652946

Office location Mohali, Chandigarh, INDIA

Office hours 12-6 Monday-Friday Indian Standard Time

TA Information [If applicable]

TA name N/A

TA Contact Info N/A

Office location N/A

Office hours N/A

Course Description

- Students in this class prepare for their dissertation research by learning about best practices for quantitative, qualitative, and mixed-method data collection. Participants learn how to write a research proposal that aligns thesis questions with appropriate data analysis and presentation techniques.
- The topic is intended to provide an adequate knowledge about research methods to help them in research work settings wherever survey design and secondary data analysis is involved in the health system.

Learning Objectives

After completing the course, students will have a better understanding of

- Introduction, data collection methods, survey and questionnaire design, hypothesis testing, etc.
- Fundamental concepts in marketing research and also the tools to conduct research and analysis.
- Understanding the basics of data collection, presentation, and analysis of the same.
- Various concepts in writing & publishing your research paper.
- Reviewing the literature & using it for analysis
- Various study designs & their applications in research.
- Research methods – Historical perspectives – meaning – types – objectives – nature – scope
Scientific research – role of theory in research – research problem – concepts – formulation – identification – selection of research problems in management
- Research design-types- explorative – descriptive – experimental

Learning Resources

- TBD

Assessments

The final course grade will be calculated using the following categories:

Assessment	Percentage of Final Grade
20 Points Midterm Exam	20%
30 Points Final Project	30%
20 Points Weekly Online Posts	20%
30 Points Weekly Assignments	30%

- Midterms exam will be 50 multiple choice questions
- Final Project will be 5 video recorded case presentations, analysis, and an associated documentation based on the information provided in this course. **APA style citations will be required.**

Students will be assigned the following final letter grades, based on calculations coming from the course assessment section.

Grade	Percentage Interval
A	90-100 Points
B	80-89 Points
C	70-79 Points
F	<70 Points

Grading Policies

- **Late-work policy:** The instructor will accept late work without a penalty in case of health or personal family concerns where evidence is submitted. Otherwise, a 5% deduction may result
- **Make-up work policy:** On a case by case basis.
- **Re-grade policy:** On a case by case basis.
- **Attendance and/or participation policy:** Missing a weekly meeting will lead to a 5% grade deduction. This penalty will not apply if a doctor's note is presented.

Course Policies

- **Attendance & Participation:** Attendance and/or participation is graded component of this course.
- **Academic Integrity & Collaboration:** Plagiarism of any kind will result in an F grade. Collaboration between student is encourage.
- **Late-work/Make-up work policy:** Late work will lead to a 5% grade reduction for each day the assignment is late unless prior permissions were obtained from the instructor. This penalty will not apply if a doctor's note is presented.
- **Accommodations for students with disabilities and student wellness:** If you have a disability and require accommodations, please contact me. If you have an accommodations letter from the Disability Resources office, I encourage you to discuss your accommodations and needs with the instructor as early in the semester as possible. I will work with you to ensure that accommodations are provided as appropriate.
- **Mobile Devices:** Mobile devices are not permitted during the weekly class meetings unless required for class excercises.

Course Schedule

Date	Theme/Topic	Learning Outcomes Addressed	Assignments Due
TBD	TBD	TBD	TBD