

Course: Research Methodologies in Education (Core course)

Credits: 4

Duration: August- November 2016, Day and time: Tuesday and Thursday, 11:30am to 1:30pm
(Course begins from August 11, 2016)

Instructor: Sugra Chunawala

This course is placed in the third semester for second year students as a continuation of the course *Methods of Science and Mathematics Educational Research* that they took earlier. The course is intended to introduce basic and advanced research methods used in educational research with emphasis on qualitative research methodologies. Apart from revisiting some basic concepts like sampling, reliability, validity, variance and research methods such as, surveys, case studies, ex-post facto research, action research, experimental and quasi-experimental research; the course will also focus on topics like: effective literature review, content analysis, visual methods in research, feminist methodologies etc.

It is intended that this course will orient students as to why qualitative research has become particularly relevant, enable students to appreciate the range of research methods possible in the field of education, identify and acknowledge the positives and limitations of various research methodologies and apply these in their future research projects.

The class will be discussion-based. Readings would be presented by instructor or student each week in their chosen mode of presentation (posters/chalk and board/ worksheets/ power-point presentations). Students are also expected to lead the discussion.

In all, there will be around 25 sessions, including student seminars and guest lecturers. Assessment will be based on classroom interactions and presentations/seminars (constitutes 30% of marking) and assignments (constitutes 30% of marking). In addition, students would have to conduct a small proto research and submit the same in writing (upto 5000 words). The proto research study (constitutes 40% of marking) can be original, replication of a published work, or a continuation of the work done in the earlier course.

READINGS:

1. Cohen, L., Manion, L., & Morrison, K. (2011). *Research methods in Education* (Seventh Edition). Routledge.
2. Creswell J.W. (2011). *Educational Research; Planning, Conducting, and Evaluating Quantitative and Qualitative Research*, PHI Learning Private Limited.
3. Stanczak, G. C. (Ed). (2007). *Visual research method*. Sage Publications.
4. Somekh, B., & Lewin, C. (Eds.). (2005). *Research methods in the social sciences*. Sage Publications/ Vistaar Publications.
5. Bryman, A. (2008). *Social research methods*. (Third Edition) Oxford University Press.
6. Merriam, S. B. & Associates (2002). *Qualitative research in practice*. Jossey-bass/ A Wiley Imprint.
7. Flick U. (2010). *An introduction to Qualitative Research*, Sage Publications India Pvt Ltd, New Delhi.