

SHIV NADAR UNIVERSITY

GRADUATE COURSE DESCRIPTION

I COURSE TITLE	Research Methodology II
II COURSE CODE	CED 892
III COURSE CREDITS (L:T:P)	2:0:0
IV TOTAL CONTACT HOURS/ BATCH/WEEK (L:T:P)	2:0:0
V NO. OF BATCHES	1
VI COURSE TYPE (MAJOR/UWE/CCC/REAL/VELS/IC), PLEASE MENTION ALL THAT APPLIES	PG
VII COURSE COORDINATOR/INSTRUCTOR(S)	Dr. Sailesh Behera School of Engineering/Civil Civil
VIII SCHOOL/ DEPARTMENT	
IX DISCIPLINES TO WHICH THE COURSE MAY BE OF INTEREST	

X. COURSE GOAL

Methods to improve and develop research skills and prepare students for professional careers at the graduate level. Focus in this second course in the Research Methodology sequence is on identifying research problems, literature review, critical analysis, presentation of research problems, reading and evaluating research papers and proposals, and proposal preparation and defense.

XI. COURSE CONTENT

Content	Description	Deadline & Submission Details	Feedback by:	Weightage
Designing broader research problem	Students are expected to work on a probable research topic for their own Ph.D./M.Tech problem and write an abstract up to 500 words	08 February 2019 Word document	15 Feb 2019	3%
Literature Review	Minimum 3 papers should be reviewed: 1 Contemporary, 1 Original Paper, 1 similar to the research problem. Summarize the papers, keeping your focus on establishing connections with your selected research problem	15 February 2019 a) Presentation b) Word Document (extended abstract of approx. 4 pages)	22 Feb 2019	12%
Methods section	Develop a Methodology section	23 February 2019 a) Word document submission b) Presentation of all the components till date	28 Feb 2019	12% 8%

Content	Description	Deadline & Submission Details	Feedback by:	Weightage
Critical Review	Students are expected to review 3 research articles critically – as if you were reviewing the article for possible publication in the journal	16 March 2019 Articles will be provided by faculty Submit review as a Word document	23 March 2019	10%
Full proposal	Prepare first draft of full proposal	23 March 2019 Submit draft proposal as a Word document	30 March 2019	10%
Draft Final Proposal	Almost ready proposal	13 April 2019 Submit as a Word document	17 April 2019	15%
Peer review	Review proposals of peers and provide constructive critique	20 April 2019 Submit as a Word document	Not Applicable	10%
Final Proposal	Incorporate/address critical reviews	27 April 2019 Submit as a Word document	Not Applicable	10%
Final Presentation	Students are expected to present their proposal	1 May 2019	Not Applicable	10%

XII. EVALUATION SCHEME

As described in the course content table.

Note: Content and Evaluation is subject to change at faculty discretion

XIII. TEXTBOOKS

None required