

PRE – Ph. D. COURSE WORK Syllabus

Subject :- PSYCHOLOGY

DURATION : SIX MONTHS

M.M. 200

	COURSE	MARKS
COURSE I	Research Methods and Advanced Statistics	100
COURSE II	Project Based on Review of Research work	50
	Seminar	50
	TOTAL	200

PRE – Ph. D. COURSE

COURSE – I RESEARCH METHODS AND ADVANCED STATISTICS

M.M. 100

UNIT - I

Psychological Research : Nature types, Complex Problems of Psychological Research : Research Designs, Types.

UNIT – II

Design:

Single subject designs. Quasi Experimental Design. Greco – Latin square design
Factorial experiments with repeated measures : One and two factors with repeated measures.

UNIT – III

ANOVA : up to 3 WAY.,
Pre and Post ANOVA test.

UNIT – IV

Factor Analysis : Theory and Factor, extracting by centered method.
Content analysis : Nature and applications.

UNIT - V

Basic Knowledge of Computer Application.; Internet learning, USE of SPSS

BOOK RECOMMENDED :

1. Statistical analysis in Psychology and Education : Ferguson, George, PP 316-334
2. Psychometric Theory. Nunally, PP 151-188.
3. Psychometric Methods. Guilford, J. P. 470-482.
4. Introduction to factor Analysis, Fruchter, B.
5. Statistical Design in Experimental Research. Winer (1971) Mc Graw Hill,
6. Foundations of Behavioural Research. Kerlinger. F.N. (1978).
7. An Introduction to Psychological Statistics DUBOIS, Philip M.V.
8. Research Methodology : Methods and Techniques : Kothari, C.R. (1985).
9. Festinger, D. & Katz L: Research Methods in Behaviour Science. Holt Rinchart. N. Y. (1973)
10. Broota, K. D. Experimental Design in Behavioural Research. Milar Fastern. N. Delhi (1989)

1. PROJECT BASED ON REVIEW OF RESEARCH WORK : Use of Literature, Knowledge of National and International Journals, Impact Factor, Citation Index, SCI Journals. (To be Supervised and evaluated by Guide Concerned.)
2. SEMINARS : Open Seminar, evaluation will be done by member of DRC.