

PRE – Ph. D. COURSE

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
- 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, PP316-334
2. *Psychology Theory*, Nunally, Pp151-188.
3. *Psychology 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 de4isgn in Behavioural research*,. Milar Fastern, N. Delhi (1989)

COURSE – II

M.M. 100

1. **Projects Based on Reviews 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.