

## **SCIENTIFIC WRITING.**

**Paper no.- HSG – 404**

**ES -4**

**Credits -3 +1=4**

**Sem. – 4 (M.SC. H.D.)**

**Marks – 50 +50 = 100**

### **OBJECTIVES:-**

1. To be able to appreciate and understand importance of writing scientifically
2. To develop competence in writing and abstracting skills.
3. To develop skill to write either a draft research proposal or a chapter of dissertation

### **UNIT : 1**

- Scientific writing as a means of communication.
- Different forms of scientific writing articles in journals, research notes and reports, review articles, monographs, dissertations, bibliography etc.
- Formulation of outlines.

### **UNIT : 2**

- Kinds of outlines> topic outlines, conceptual outlines, sentence outlines.
- Drafting Titles, Sub titles, Tables. Illustration.
- Tables as systematic means of presenting data M rows and columns.
- Formatting tables ; Titles, Body tab, Tab column, Column head, Spanner Head, Box head.

### **UNIT : 3**

- Appendices – use & guidelines.

- Parts of Dissertation/Research Report Articles.
- Writing for grants.

#### **UNIT : 4**

Objectives, importance theoretical conceptualization, pilot study, Research proposal and time frame/methodology clear organization, outcome of study and its implications, budgeting, infrastructure and resources.

Executive summary.

#### **PRACTICAL :-**

- To learn scientific writing for research proposal, dissertation etc.
- To write book review, research report, Research review etc.

#### **REFERENCES :-**

1. HURMAN e & Montagnes,1 (Eds.)(1997). The Thesis and the Book. New Delhi Vistar.
2. APAC (1984) Publication manual of American Psychological Association (3<sup>rd</sup> Edition), Washington : APA.
3. Cooper,H.M. (1990) Intergrating Research : A guide for literature Review (2<sup>nd</sup> Edition) California : sage.
4. Sternberg, R.J. (1991). The Psychologist's companion : A guide to scientific writing for students & Researchers,Cambridge C.U.P.
5. Wolcott,H.F. (1990) Writing up Qualitative Research,Newbury Park, Sage.