

National Level Workshop on “Research Methodology, Statistics and use of SPSS Package

With the advent of technology and to conduct Research par excellence, one has to work to assess and improve the quality of research-doctoral programs that would not only help in refreshing the fundamentals of Research Methodology for the practicing researchers, but also in mentoring the beginners in Research. The Educational institutions in the new millennium must take the task of integrating higher education with research work, to make the society realize the qualitative fruit of new innovations and ideologies.

Keeping in mind, the importance of good quality research, CCEW is organizing a seven day **National Level Workshop on ‘RESEARCH METHODOLOGY, STATISTICS AND USE OF SPSS PACKAGE’** from 20.07.09 (Monday) to 26.07.09 (Sunday). The workshop would accentuate the steps that a researcher is required to follow while conducting a research study.

The workshop will be conducted by Prof. D.N. Sansanwal, Former Director and Coordinator, SAP (DRS Phase II), Institute of Education, Devi Ahilya University, Indore. Prof. D.N. Sansanwal has been teaching Research Methodology Course at IIM, Indore since five years.

This workshop will be useful for teachers, doctoral students and master students belonging to different disciplines like Education, Psychology, Home Science, Management, Applied sciences, Social Works, Physical Education, Sociology, Economics, Geography, etc. This would serve as a learning platform where the budding teachers as well as the teachers would explore and analyze their own educational practices systematically and put these techniques to effective use in their classroom teaching.

This workshop will be useful to those who are interested in knowing the answers to the questions such as:

- ❖ What is the meaning of the term 'Research'?
- ❖ On what basis can we distinguish Discovery, Invention and Research?
- ❖ When can a phenomena/ event/ behaviour become a PROBLEM?
- ❖ Why identification of PROBLEM is the first step of research and not SELECTION OF PROBLEM?
- ❖ How to write a RESEARCH TITLE?
- ❖ What is the difference between HYPOTHESIS, ASSUMPTION, SUPPOSITION and PRESUMPTION?
- ❖ How to state Objectives and Hypothesis for different types of research?
- ❖ Why Research Objectives are stated before writing the Hypothesis?
- ❖ Can Objectives be written in statement form or they can also be stated in Question form?
- ❖ How to state Hypothesis for different types of Research?
- ❖ What are the different methods of data collection and when to use which method?
- ❖ When a sample is is considered a large or a small sample?
- ❖ How can we standardize a tool?
- ❖ Why SD cannot be negative?
- ❖ Can df be a fraction?
- ❖ Why reliability coefficient cannot be negative?
- ❖ What is the need of calculating reliability when it is a part of validity?
- ❖ Can SD be greater than M?
- ❖ How is MEASUREMENT different from ASSESSMENT?
- ❖ Why t-values given in t-table decrease, when df increases at a given level of significance?
- ❖ How are tests different from scales?
- ❖ What is the difference between t-test score and T-score?

- ❖ How to write a RESEARCH PROPOSAL?
- ❖ What is the difference between 'REFERENCES' and 'BIBLIOGRAPHY'?
- ❖ How to write a RESEARCH PAPER?

etc.

The registration fee for the workshop is Rs. 2100/- per participant. The interested participants can secure their seats by intimating the organizers by 10.07.09(Friday). The filling of registration form and submission of the fee will be done in the office of Chitkara College of Education for Women on 20.07.09 at 9:00a.m. An early intimation will be highly appreciated as only limited seats are available. Participants who need the hostel accommodation should intimate in advance.

- The timings of the workshop will be from 9:00 a.m to 5:00 p.m.
- Lunch and tea will be served by the host college.