Appendix B1: Preliminary Draft of Interview Schedule for Science Teachers

Kindly fill in the required information:

1. Name:______________________________________________________
2. Gender:____________________________________________________
3. Age:_______________________________________________________
4. Institute where employed:____________________________________
5. Teaching Experience:________________________________________

Purpose of this interview schedule:
The purpose of this interview schedule is to explore and identify the needs of science teachers, resources available to them and constraints faced by them during the science learning-teaching activities in schools. The analysis of the results of this interview will enable the investigator to design a systems approach based resource material for learning – teaching science.

Kindly answer the following questions.

Q. 1. How do you rate yourself pertaining to various attributes related to learning-teaching?

Q. 2. How do you rate yourself regarding different teaching competencies?

Q.3. How well are you able to balance the task of inculcating core values with the demanding routines of lectures, completing the syllabi and exams.

Q.4. Do you have accessibility to internet in school ? If yes then for how many hours do you use it daily? (Yes / No / Can’t say)

Q.5. Do you have computer system at home? (Yes / No )

Q.6. Do you have internet facility at home? (Yes / No / Can’t say)

Q.7. Which all equipment / facilities are available in your school and which are accessible for teachers?

Q. 8. How often do you inter-relate scientific facts with metaphysical reality?

Q. 9 Have you ever undergone any pre-service short term / full time training programmes pertaining to the use of computer / internet ?

Q.10. Would you like to use web based instruction to improve quality of teaching?

Q.11. For which all purposes do you use web facility?

Q.12. Which are the barriers in effective implementation of good teaching?

Q.13. What are your suggestions regarding improving learning-teaching of physics?