

RESOURCE PERSONS



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TOPICS TO BE COVERED

- Role of Experiments in Physics teaching
- Formulation of Research Objectives : A Case Study
- Data Analysis using origin software
- Probability

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Humanities. The institution is sensitive to the need of innovative research, for this purpose it has setup a Campus for Research and Advance Studies at village Dhablan near Patiala.

COURSES OFFERED BY DEPARTMENT

- M.Sc. Physics
- B.Sc. (Honours) Physics
- B.Sc. Non-Medical

ABOUT THE WORKSHOP

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. It is the dire need of higher educational institutions to integrate research with education in unison with new educational policy under preview of Ministry of Human Resource and Development (MHRD), Govt. of India. Keeping in mind, the importance of quality research, Postgraduate Department of Physics, G.S.S.D.G.S. Khalsa College Patiala is organizing one day workshop on Research Methodology to familiarize the concepts of research.

OBJECTIVE OF THE WORKSHOP

The objective of the workshop is to impart the data analytical capabilities to the faculty, research scholars and post-graduate students, who want to enhance the quality of their work by using innovative models, methods and statistics for research. The workshop would accentuate the steps that a researcher is required to follow while conducting a research study. This workshop would serve as a learning platform where the teachers, research scholars and postgraduate students in science would explore, analyze and learn new skills to put these techniques for effective use in their research work.

TARGET GROUP

Faculty, Research Scholars and Postgraduate Students.

ABOUT COLLEGE



General Shivdev Singh Diwan Gurbachan Singh Khalsa College, Patiala is one of the renowned institutes of higher education in the state of Punjab. It has carved its niche in providing holistic education to students to enable them to confront different challenges in the various walks of life. The institution has always strived to give opportunity to students to exhibit their creativity and enhance their academic skills. New vistas of knowledge are opened through introduction of such courses which are instrumental in instilling not only academic but also ethical, cultural and moral values among the students. The sustained effort of the institution is to “Strive for Perfection and Settle for Excellence”. It is a matter of pride that the National Assessment and Accreditation Council, Bangalore acknowledging its merit and credibility has awarded the institution NAAC - ‘A’ Grade in May 2015 after re-accreditation. The institution was given the status ‘College with Potential for Excellence’ and ‘Autonomous Status’ by University Grants Commission (UGC), New Delhi in 2016. The Autonomous status ensures better academic performance of students by re-designing of courses according to their time relevance and usage of modern tools of educational technology to strengthen their creativity and learning skills among them. Recently, college is given ‘STAR COLLEGE STATUS’ by DBT, Govt. of India.

Presently the institution is running programs in Science, Computer Science, Agriculture, Commerce & Management and