

Certificate Course

WORKSTATION DESIGN AND APPLIED ERGONOMICS

Ergonomics is a branch of science that focuses on optimizing the relationships between workers and their work environment. This Vocational Educational Training focuses on the applications of ergonomics and the health and safety of the worker. The course consists of lectures on how knowledge of ergonomics can be applied to developing workstations to suit the worker and thus enhance productivity.

This one-year Vocational Educational Training, offered by the Department of Community Resource Management. 158 students have successfully completed this course since 2010-11.

Objectives of the Course

To

- study methods and techniques for job and workstation evaluation and thus enable students to identify potential hazards that contribute to work-related musculoskeletal disorders
- understand how to design workspaces for a diverse work population.
 - learn how to design work environments that prevent excessive exposure to light, heat, noise and vibration
- provide students with practical experience using some of the methodologies

Students of Value Added Course “Workstation Design and Ergonomics” participate in several UG Research Competitions and have won several prizes/awards for their research study

