

The thesis „Chemical reactions and light energy" deals with specific approach of teachers to students.

Physical and chemical principles of chemical reactions and light energy are explained followed by suggestions of implementing these topics to lessons at basic schools, grammar schools and specialized chemistry high schools.

In practical pedagogical part educational implementation of subject matter, image subject dictionary and school project of luminiscence are drawn. Practical chemical part includes 20 effective experiments for teachers, students and students with teacher. Demo experiments are organized in well-arranged file index with illustrations added. Selected experiments were tried out. There is suggestion of programme about luminiscence.

Picture part includes photographs taken during laboratory works.