

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: Bachelor of Education**  
**Semester: I**  
**Syllabus with Effect from: June-2013**

<b>Paper Code: UE01EBED09</b>	<b>Total Credit: 3</b>
<b>Title Of Paper: Method of Teaching Science</b>	

Unit	Description in Detail	Weightage (%)
I	<b>Theoretical Foundation of Science Education</b> Science Concept and Nature Significance of teaching Science <b>Objectives of Science teaching and competences of Science teacher</b> Objectives: General and specific Competence of Science teacher <b>Lesson Planning</b> Framework Learner centered activities for developing basic skills and tools (Worksheet, observation)	30%
II	<b>Maxims, Methods and Approaches in Teaching Science</b> <b>Maxims of teaching Science</b> Known to unknown Concrete to Abstract <b>Methods of Teaching Science</b> Demonstration (importance, precautions) Project (Concept, steps, types) <b>Approaches of Teaching Science</b> Inquiry approach (Assumptions, steps, role of teacher and learner) Constructivist approach (Concept, Lesson plan)	30%
III	Std: 8 : Semester - I Books Std: 9 : Semester - I Books	40%

