

: Bengali Version : Course-VII-(A) (1.2.7A) সমাজবিজ্ঞান শিক্ষণের পদ্ধতি ও কৌশল (ইতিহাস) ড. জাব্বী হাফিজার ❖ পৌতমকুমার বিশ্বাস	Course-VII-(A) (1.2.7A) সমাজবিজ্ঞান শিক্ষণ : তত্ত্ব ও প্রয়োগ (শিক্ষাবিজ্ঞান) অধ্যাপক (ড.) দুলাল মুখোপাধ্যায় ড. উদয়শঙ্কর কবিরাজ
সমাজবিজ্ঞান শিক্ষণের পদ্ধতি ও কৌশল (ভূগোল) ড. জয়রতি দাশগুপ্ত ❖ ড. জয়ন্ত মেটে	সমাজবিজ্ঞান শিক্ষণের পদ্ধতি ও কৌশল (দর্শন) কাকলি মুখোপাধ্যায়

Course-VII-(A) (1.2.7A)	Pedagogy of a School Subject Part-I	Theory	Engagement With the Field	Credit	2+2
		50	50	Class Hours	32+64

Pedagogy of Science Teaching	Physical Science, Life Science, Computer Science & Application
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Objectives	<p>The student teachers will be able to :-</p> <ol style="list-style-type: none"> 1. Appreciate the significance of teaching Science. 2. Be acquainted with the Approaches & Methods of Teaching Science. 3. Be used to the application of scientific knowledge and skills. 4. Be acquainted with various practical aspects of science.
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COURSE CONTENT/SYLLABUS

Unit-I	<p>Foundation of science Teaching:</p> <ul style="list-style-type: none"> ● Aims and objectives of science Teaching. ● Science Curriculum, Values of Science Teaching. ● Inter relationship of various branches of science. ● Scientific aptitude and attitude ● Innovations in science teaching 	7 hrs.
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Unit-II	<p>Strategies of Science Teaching:</p> <ul style="list-style-type: none"> ● Features, Limitations and comparison of different methods ● Lecture Method, ● Demonstration method, ● Heuristic Method, ● Laboratory Method, ● Project Method ● CAI ● Problem Solving Method. 	8 hrs.
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Unit-III	<p>Planning of Science Laboratory:</p> <ul style="list-style-type: none"> ● Importance of Science Laboratory ● Organization/Planning a Science Laboratory. ● Equipment of Science Laboratory. 	5 hrs.			
Unit-IV	<p>Learning Resource in science Teaching:</p> <ul style="list-style-type: none"> ● Meaning, type and importance of Learning Resource. ● Quality of good Science text book. ● Teaching aids in Science. ● Improvisation of Teaching Aids. 	6 hrs.			
Unit-V	<p>Learning Designing:</p> <ul style="list-style-type: none"> ● Concept, Importance and Types of Learning Design ● Steps of Learning Design ● Qualities of Good Learning Design 	6 hrs.			
Engagement with the Field/ Practicum	<p>Preparation of one Learning Design (Compulsory) and any one from the following :-</p> <ul style="list-style-type: none"> ● Preparation of materials & programmes to inculcate scientific attitude. ● Script writing for Radio/TV/Video on science topics. ● Demonstration of Science Experiments. 				
Mode of Transaction	Lecture, discussion, demonstration, project work, field trip, presentation by students, seminar etc.				
: Bengali Version : Course-VII-(A) (1.2.7A)					
<p>বিজ্ঞান শিক্ষণের পদ্ধতি ও প্রয়োগ (জীবনবিজ্ঞান) (Pedagogy of Science teaching) ড. দেবীপ্রসাদ নাগ চৌধুরী ❖ ড. সুজিত পাল ❖ অম্লান গাঙ্গুলি ❖ ড. মিতা হাওলাদার</p> <p>বিজ্ঞান শিক্ষণের পদ্ধতি ও প্রয়োগ (ভৌতবিজ্ঞান) (Pedagogy of Science teaching) ড. প্রতাপ কুমার জালা ❖ ড. সুভাষচন্দ্র ভাট ❖ সম্পাদনা : ড. কমলকান্ত দে</p>					
Course-VII-(A) (1.2.7A)	Pedagogy of a School Subject Part-I	Theory	Engagement With the Field	Credit	2+2
		50	50	Class Hours	32+64
Pedagogy of Science Teaching	Mathematics				
Objectives	The student teachers will be able to :-				
	1. Understand the nature of mathematics and mathematics education				