

	<ul style="list-style-type: none"> ● agenda 21, ● United Nations Decade of education for sustainable development, programmes on environmental management 	
Unit-V	Issues related to population and environmental education: <ul style="list-style-type: none"> ● Quality of life, ● Sustainable life style, ● Ecofeminism, ● Empowerment of women, ● Environmental and social pollution, ● Effect of population explosion on environment, ● Adolescent reproductive health. 	7 hrs.
Engagement with the Field/ Practicum	Any one of the following :- <ul style="list-style-type: none"> ● Visits to polluted sites and preparation of report. ● Interviewing people and reporting the inconveniences due to any of the Environmental problems. ● To study innovations done by any organization to improve the local Environment. ● To study the implementation of Environmental Education Programmes. ● To prepare models and exhibits for general awareness of public regarding environmental hazards. ● To prepare a programme for environmental awareness and to conduct the same, with school children. ● To visit industries and study alternative strategies of Environmental management. ● To prepare a resource material on any of the environmental problems along with a suitable evaluation strategy. ● To prepare quizzes and games on environmental issues. ● To study the contribution of NGOs in improving the environment of the city. 	32 hrs.
Mode of Transaction	Lecture, lecture-cum-discussion, observation, debate, field visits, project, lab work, films, etc.	
<p>Bengali Version : Course-XI (1.4.11) Optional পরিবেশ শিক্ষা ও জনশিক্ষা ড. সুজিত পাল ❖ ড. পরিমল সরকার</p> <p>English Version : Course-XI (1.4.11) Optional Environmental and Population Education Sanjoy Dutta</p>		

CourseEPC-3 (1.4EPC3)	Critical Understanding of ICT	Theory	Engagement With the Field	Credit	2+2
		50	50	Class Hours	16+32
Objectives	The student teachers will be able to :- <ol style="list-style-type: none"> 1. Understand the social, economic, security and ethical issues associated with the use of ICT 2. Identify the policy concerns for ICT 3. Describe a computer system; 4. Operate the Windows and/or Linux operating systems; 5. Use Word processing, Spread sheets and Presentation software; 6. Acquire the skill of maintaining the computer system and the skill of trouble shooting with the help of Anti-Virus and Other tools. 7. Operate on Internet with safety 8. Elucidate the application of ICT for Teaching Learning 9. Develop various skills to use computer technology for sharing the information and ideas through the Blogs and Chatting groups 				
COURSE CONTENT/SYLLABUS					
Unit-I	Digital Technology and Socio-economic Context: <ul style="list-style-type: none"> ● Concepts of information and communication technology; Universal access VS Digital Divide-issues and initiatives; ● Challenges of Integration of ICT in School; Aims and objectives of National Policy on Information and Communication Technology (ICT) in School Education in India; IT@ School Project; ● Components and Objectives of National Mission on Education through ICT (NMEICT), Spoken Tutorials, Gyan Darshan, Gyanvani, Sakshat Portal, e-Gyan Kosh; Virtual laboratory and Haptic technology. 				4 hrs.
Unit-II	MS office: <ul style="list-style-type: none"> ● MS Word ● MS Power Point ● MS Excel ● MS Access ● MS Publisher 				4 hrs.
Unit-III	Internet and Educational Resources: <ul style="list-style-type: none"> ● Introduction to Internet ● E-mail, Search Engines, Info-Savvy Skills; Digital Age Skills, safe surfing mode; ● Internet resources for different disciplines like natural sciences, social sciences, Humanities and Mathematics. 				4 hrs.