

**SUMMARY OF LESSON PLAN OF DR. SEEMA SIROHI , ASSOCIATE
PROFESSOR**

(TEACHING OF COMPUTER SCIENCE)

Name of College: C. R. COLLEGE OF EDUCATION, ROHTAK

Academic Session: B. Ed (Ist Year) 2018-19

PAPER-IV & V (GROUP C) Opt. (iii): PEDAGOGY OF COMPUTER SCIENCE

(Max. Marks: 100)

S. No.	Month	Topics/Chapters to be Covered	Academic Activity to be Organized	Topics of Assignment/Tests to be given to the students
1.	<u>SEPTEMBER</u> (Session started from 10th Sept 2018 (10.9.18 to 15.10.18))	UNIT-1 Concept and Aims of Teaching of Computer Science <ul style="list-style-type: none"> • Concept, Need and Scope of Computer Science. • Importance of Teaching of Computer at various stages in Indian Schools. 	<ul style="list-style-type: none"> • Group Discussion on Importance of Teaching of Computer Science at various stages in Indian Schools. 	
	17.9.18 to 22.9.18	Introduction to computers <ul style="list-style-type: none"> • Input and Output and storage devices • MS Office-2007 onwards (Word, Excel, MS Access, PowerPoint, Paint) 	<ul style="list-style-type: none"> • Practice of MS Office-2007 onwards (Word, Excel, MS Access, PowerPoint, Paint) in ICET Laboratory. 	
	24.9.18 To 29.9.18	Uses and Applications of computer <ul style="list-style-type: none"> • Computer care- Viruses, Security and maintenance • General Aims and Objectives of Teaching Computer Science 	<ul style="list-style-type: none"> • Group Discussion on Computer care- Viruses, Security and maintenance 	Assignment on Computer viruses

2.	Oct 2017 1.10.18 to 6.10.18	<ul style="list-style-type: none"> • Bloom's Taxonomy of Educational Objectives • Writing objectives in terms of behavioural outcomes of students 	<ul style="list-style-type: none"> • Use of PPT and during teaching process. 	<ul style="list-style-type: none"> • Practical Test of - MS Office Power Point
	8.10.18 To 13.10.18	UNIT-2 Skills and Methods of Teaching Computer Science <ul style="list-style-type: none"> ○ Micro-teaching skills ○ Skill of Introducing the lesson ○ Skill of Explaining ○ Skill of Illustration 	Use of PPT and during teaching process <ul style="list-style-type: none"> • Group Discussion on Introductory Skill • Group Discussion on Explaining Skill • Group Discussion on Skill of Illustrating with Example 	<ul style="list-style-type: none"> • Prepare Micro Lesson on five core skills – • Skill of Introducing the lesson • Skill of Illustration • Skill of Explaining
	15.10.18 to 20.10.18	<ul style="list-style-type: none"> ○ Skill of Questioning ○ Skill of Stimulus <ul style="list-style-type: none"> ○ Variation ○ Skill of Reinforcement 	<ul style="list-style-type: none"> • Group Discussion on Skill of Questioning • Group Discussion on skill of Reinforcement 	<ul style="list-style-type: none"> • Skill of Questioning • Skill of Stimulus Variation
	22.10.18 to 27.10.18	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan 	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan 	Prepare Observation and Rating proforma for five core micro teaching skills.

	29.10.18 to 31.10.18	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan 	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan 	Prepare Observation and Rating proforma for five core micro teaching skills
	Nov 2017 1.11.18 to 3.11.18	<p>Methods of Teaching</p> <ul style="list-style-type: none"> • Lecture-cum-Demonstration Method 	<ul style="list-style-type: none"> • Use of PPT and during teaching process • Group Discussion on Lecture-cum-Demonstration Method 	
	14.11.18 to 17.11.18	<ul style="list-style-type: none"> • Laboratory Method • Project Method 	<ul style="list-style-type: none"> • Group Discussion on Laboratory Method • Prepare Project on “Smart Class Room Equipments” in ICET Resource Centre 	Project on “Smart Class Room Equipments”
	19.11.18 to 24.11.18	<ul style="list-style-type: none"> • Inductive-Deductive • Problem Solving Method 	<ul style="list-style-type: none"> • Demonstration on Inductive –Deductive method 	Class Test on Different Methods of Teaching of Computer Science and their Importance
	26.11.18 to 1.12.18	<ul style="list-style-type: none"> • Advanced Methods of Teaching: <ul style="list-style-type: none"> ○ CML ○ CAI 		Practice of CAI
4.	Dec 2018 3.12.18 to 8.12.18	<ul style="list-style-type: none"> • Advanced Methods of Teaching: <ul style="list-style-type: none"> ○ Mobile Learning ○ Online Learning 	<ul style="list-style-type: none"> • Demonstration of Online Learning 	Online Learning session

	10.12.18 to 15.12.18	Supervised Online Learning Sessions	Organized Online Learning sessions in ICET Resource Centre	
	17.12.18			Class test on Advanced Methods of Teaching

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Name of College: C. R. COLLEGE OF EDUCATION, ROHTAK

Academic Session: B. Ed (1st Year) 2018-19

PAPER-IV & V (GROUP C) Opt. (iii): PEDAGOGY OF HOME SCIENCE

(Max. Marks: 100)

S. No.	Month	Topics/Chapters to be Covered	Academic Activity to be Organized	Topics of Assignment/Tests to be given to the students
1.	<u>SEPTEMBER</u> (Session started from 10th Sept 2018 (10.9.18 to 15.10.18))	UNIT-1 Meaning, Nature and Scope of Home Science <ul style="list-style-type: none"> • Concept, Need and Scope of Home Science. 	Group Discussion on Need and Scope of Home Science	Assignment on Misconceptions regarding Home Science by using internet
	17.9.18 to 22.9.18	Components of Home Science. <ul style="list-style-type: none"> • Food and Nutrition • Resource Management • Human Development • Textiles and clothing • Extension Education 	Group Discussion on components of Home Science:- <ul style="list-style-type: none"> • Food and Nutrition • Resource Management • Human Development • Textiles and Clothing • Extension Education 	
	24.9.18 To 29.9.18	<ul style="list-style-type: none"> • Importance of Teaching of Home Science in various stages of Secondary Education. 	<ul style="list-style-type: none"> • Group Discussion on Importance of Teaching of Home Science at various stages in Indian Schools. 	
		<ul style="list-style-type: none"> • General aims and objectives of Teaching Home Science at Secondary stage 		

2.	Oct 2017 1.10.18 to 6.10.18	<ul style="list-style-type: none"> • Bloom's Taxonomy of Educational Objectives • Writing objectives in terms of behavioural outcomes of students 	<p>Use of PPT during teaching process.</p> <ul style="list-style-type: none"> • Group Discussion on Educational Objectives 	
	8.10.18 To 13.10.18	<p>UNIT-2 Skills and Methods of Teaching Home Science</p> <ul style="list-style-type: none"> • Micro-teaching skills <ul style="list-style-type: none"> ▪ Skill of Introducing the lesson ▪ Skill of Explaining ▪ Skill of Illustration ▪ Skill of Questioning 	<p>Use of PPT during teaching process</p> <ul style="list-style-type: none"> • Group Discussion on Introductory Skill • Group Discussion on Explaining Skill • Group Discussion on Skill of Illustrating with Example 	<ul style="list-style-type: none"> • Prepare Micro Lesson on five core skills – • Skill of Introducing the lesson • Skill of Questioning • Skill of Illustration • Skill of Explaining
	15.10.18 to 20.10.18	<ul style="list-style-type: none"> ▪ Skill of Stimulus Variation ▪ Skill of Reinforcement of 	<ul style="list-style-type: none"> • Group Discussion on Skill of Questioning • Group Discussion on skill of Reinforcement 	<ul style="list-style-type: none"> • Skill of Stimulus Variation
	22.10.18 to 27.10.18 29.10.18 to 31.10.18	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan • Preparation of Micro Lesson Plan 	<ul style="list-style-type: none"> • Preparation of Micro Lesson Plan • Preparation of Micro Lesson Plan 	<ul style="list-style-type: none"> • Prepare Observation and Rating proforma for five core micro teaching skills.

	Nov 2017 1.11.18 to 3.11.18	Methods of Teaching • Lecture-cum-Demonstration Method	• Group Discussion on Lecture-cum-Demonstration Method	
	14.11.18 to 17.11.18	• Laboratory Method • Planning of practical in laboratory	• Group Discussion on Laboratory Method • Prepare various food preparation in Home Science Laboratory	Prepare various food preparation in Home Science Laboratory
	19.11.18 To 24.11.18	• Project Method • Supervised Meal Planning session	• Prepare Project on “Meal Planning” • Meal Planning session of adolescent	Project on “Meal Planning”
	26.11.18 to 1.12.18	• Inductive-Deductive • Problem Solving Method	• Demonstration on Inductive –Deductive method	Class Test on Different Methods of Teaching of Home Science and their Importanc
4.	Dec 2018 3.12.18 to 8.12.18	Study of National, Programmes run by Government relating to Health, Nutrition and Child Care	Demonstration of Online Learning	Class Assignment on “Study of National, Programmes run by Government relating to Health, Nutrition and Child Care” by using internet
	10.12.18 to 15.12.18	Supervised Online Learning Sessions for Study of National, Programmes run by Government relating to Health, Nutrition and Child Care	Organized Online Learning session for “Study of National, Programmes run by Government relating to Health, Nutrition and Child Care” in ICET Resource Centre	

	17.12.18			Class test on Advanced Methods of Teaching
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Name of College: C. R. COLLEGE OF EDUCATION, ROHTAK

Academic Session: B.Ed (Ist Year) 2017-18

COURSE VII (A) : CRITICAL UNDERSTANDING OF ICT

(Max. Marks: 50)

S. No.	Month	Topics/Chapters to be Covered	Academic Activity to be Organized	Topics of Assignment/Tests to be given to the students
1.	Sept (Session started from 10 th Sept 2018)	UNIT-1 MS WINDOWS: Basic concept of an Operating System and its functions Introduction of Windows: Using Mouse and moving icons on the screen, My Computer, Recycle Bin, Task Bar, Start-menu and menu selection, running an application, Setting system date and time; Windows Explorer to view files, folders and directories, creating and renaming of files and folder, Opening and Closing of Windows, Minimize, Restore and Maximize forms of windows	<ul style="list-style-type: none"> • Demonstration of Working of MS Windows and its basic elements • Orientation about the Practical Work to be Performed and its Compilation 	Practic Test on Basics of MS- Window
2.	Oct 2018	UNIT-1 Basic components of a Window: Desktop, Frame,	<ul style="list-style-type: none"> • Selection of Advance Learners 	Practice Exercises on Components of

		Title Bar, Menu Bar, Status Bar, Scroll Bars (Horizontal and Vertical), Using right button of the Mouse, Creation Shortcut, Basic Windows Accessories: Notepad, Paint, Calculator, WordPad, using Clipboard	and Formation of Study Groups <ul style="list-style-type: none"> • Peer Teaching during Practical sessions. • Illustration on the Use of Mouse and Window Accessories like Notepad, Paint & Notepad 	Windows
3.	Nov 2018	UNIT-1 MS OFFICE MS WORD • Introduction to a Word Processor: Creating, Saving, Editing and Formatting a Document; Text Style (B. I.U.), Font Type Size, Changing color, Alignment of text; Formatting paragraphs with line or paragraph spacing; Adding Headers and Footers Numbering pages, using grammar and spell check, utilities, using subscript and superscript, inserting Symbols, Print Preview, Printing a document <ul style="list-style-type: none"> • Inserting Word Art, Clip Art and Pictures, Page Setting, Bullets and Numbering, Borders and Shading, Format Painter, Find and Replace, Inserting Tables 	<ul style="list-style-type: none"> • Demonstration on Typing a Short Paragraph and formatting it by changing Font Style, its Size, Inserting Header & Footer • Inserting Pictures in a Document and Designing it 	<ul style="list-style-type: none"> • Prepare a Resume in MS Word • Make a lesson plan in MS Word
4.	Dec 2018	UNIT-1 MS POWER POINT <ul style="list-style-type: none"> • Introduction to Presentation Graphics, Understanding the concept of Slide Shows, Basic element of a slide, Different types of Slide Layouts, Creating and saving a Presentation, Different views of a slide:- Normal view, Slide Sorter view and Slide Show, Editing and Formatting a 	<ul style="list-style-type: none"> • Practice Sessions on working with Images in PowerPoint • Best Power point presentation Competition 	Create small presentation in MS Power Point

		Slide:- Adding Titles, Subtitles, Text Background, Watermark, Header and Footers, Numbering Slides; Inserting Pictures from files, Animating pictures and Text with Sound Effects, Timing Text box, Pictures and Slides, Rehearse Timings, ungrouping and Grouping pictures from Clipart		
5.	Jan 2019	UNIT-1 MS EXCEL <ul style="list-style-type: none"> Introduction to Spreadsheets, Concept of Worksheets and workbooks, Creating and Saving a worksheet, Working with a spreadsheet: entering numbers, text, date/time, series using Auto fill, Editing and formatting a worksheet including changing colour, size, font, alignment of text, Inserting of Deleting cells, rows and columns, Formula-Entering a formula in a cell, using operators (+,-,*) (In formulae, Relative referencing, Absolute referencing and mixed referencing, Printing a worksheet. Use Simple Statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF (), (without compound statements); inserting tables in worksheet, Embedding Charts of various types: Line, Pie, Scatter, Bar and Area in a worksheet 	<ul style="list-style-type: none"> Training Programme on use of MS Excel and its application Practice Sessions on Using Formulas in MS Excel 	<ul style="list-style-type: none"> Prepare progress report-card and annual results in of any student MS Excel Graphical Representation of Scores of the Student Making of salary statement in MS Excel
6.	Feb 2019	UNIT-2 INTEGRATION OF ICT WITH SCHOOL TEACHING SUBJECTS MAKING SMALL PRESENTATIONS <p>Basics of a presentation</p> <ul style="list-style-type: none"> Difference between 	<ul style="list-style-type: none"> Experiential Learning on Preparing slides with Animation effects and Inserting Tables 	Prepare lesson plans using Power point on the both the school subjects and demonstrate it

		<p>presentation and document, Using Power Point ,Opening a Power Point Presentation</p> <p>Creation of Presentation</p> <ul style="list-style-type: none"> Title, Text Creation, Fonts and Sizes, Bullets and indenting <p>Preparation of Slides</p> <ul style="list-style-type: none"> Moving to Next Slide, Selection of type of Slides, Importing text from word documents, Moving to Next Slide <p>Providing Aesthetics</p> <ul style="list-style-type: none"> The Slide Manger, Slide Designs, Background and Text color, Marking your own slide format, Footnotes and slide numbering <p>Slide Manipulation and Slide Show Presentation of the Slides</p> <ul style="list-style-type: none"> Using the Slide Show, Printing the Slides and Handouts, Slide Sorter, Title Sorter 	<ul style="list-style-type: none"> Demonstration on providing Aesthetics to the Slides 	
7.	March 2019	<p>UNIT- 2 INTRODUCTION TO MULTIMEDIA AND ITS APPLICATIONS</p> <p>Multimedia</p> <ul style="list-style-type: none"> The Concept and Objectives Components of Multimedia Hardware for Multimedia Computer Textual Information, Images and their types Animation, Digital Audio, Digital Video Software for Multimedia Introduction to MS-Publisher, Introduction to Photo draw, Introduction to Front Page 	<ul style="list-style-type: none"> Two Days Workshop on Photo Draw Practice Exercises on various components of the Multimedia 	<ul style="list-style-type: none"> Edit a Photograph of your own using Photo Draw
8.	April 2019	<p>UNIT- 2 INTERNET</p> <ul style="list-style-type: none"> Concept/Definition of Internet, The Internet: the World-Wide 	<ul style="list-style-type: none"> Organization of Training on Handling the Smart Classroom 	<p>List some educational websites and software related to your course</p>

		<p>Web, Ways of using the Internet in Relationship with and Distance computer</p> <ul style="list-style-type: none"> • Basic modes of use of the internet, e-mail, file exchange, discussion groups, instruction, utilizing already available websites live-conferencing (chat) and knowledge navigation <p>Classification of the modes: searching for information and exchanging information</p>	<p>Equipments</p> <ul style="list-style-type: none"> • Organization of a Tele-conferencing Session with Experts 	
9.	May 2019	<p>Tasks & Assignment: a) Making of projects using internet</p> <p>b) Making of projects integrating internet and smart classroom</p> <p>Providing an Overview of the Complete Syllabus to the Students & Recapitulation</p>	<p>Review of the Tasks and Exercises Performed</p> <p>Diagnostic Testing of the Students</p> <p>Organization of the Remedial Practice Sessions</p>	<p>Summative Evaluation of the Students by conducting Practical Examination & Viva-voce of the whole syllabus</p>

B. Ed. Second Year

COURSE-II: ASSESSMENT FOR LEARNING

S. No.	Month	Topics/Chapters to be Covered	Academic Activity to be Organized	Topics of Assignment/Tests to be given to the students
1	(Session started from 13 th July 2018 (13.7.18 to 21.7.18)	UNIT 1 Assessment, Measurement, Evaluation and Revised taxonomy Concept of Assessment, Measurement	Use of PPT and during teaching process Group Discussion on Assessment, Measurement,	
2	23.7.2018 to 28.7.18	Examination Concept of Examination Types of Examination Importance and Merits of Examination	Group Discussion on Examination	Class Assignment on Assessment
	30.7.18 to 4.8.18	Importance of Evaluation	Group Discussion on Importance of Evaluation	

.	6.8.18 to 11.8.18	Teacher as a Facilitator assessment for Learning	Group Discussion on responsibility of teacher during examination	
	13.8.18 to 19.8.18	Blooms Taxonomy	Group Discussion on Blooms Taxonomy	
	10.12.18 to 15.12.18	Difference among Assessment, Measurement and Evaluation	.	
	17.12.18			Class test on Difference among Assessment, Measurement and Evaluation