

DHABALESWAR INSTITUTE OF POLYTECHNIC LESSON PLAN

Discipline	Semester	Name of the Teaching Faculty
Diploma in Engg.	2nd	
Subject	No. of days per Week Class Alloted	Semester from Dt. <u>14.03.2022</u> To Dt. _____ No. of Weeks: _____
Comp. APP?		
Week	Class Day	Theory / Practical Topics
First	1st 2nd 3rd	CH-1 computer organisation → introduction to computer evolution generation of computer & classification → basic organisation of computer input device cpu & output device.
Second	1st 2nd 3rd 4th 5th	CH-2 computer software → software concept system & application s/w → overview of OS objectives & function of OS → different types of computer viruses → detection & prevention of viruses
Third	1st 2nd 3rd 4th	CH-3 computer network & internet → networking concept & protocol connecting media Data transmission mode. → network topologies, type of network → different type of internet connectivity & isp
Fourth	1st 2nd 3rd 4th	CH-4 file management & data processing → concept of file & folder → file access & storage methods sequential & direct, ISAM → data capture, data storage → data processing & retrieval
Fifth	1st 2nd 3rd 4th	CH-5 problem solving methodology → Algorithm, pseudo code & flow chart generation of programming languages → structured programming language. → example of problem solving through flowchart.
Sixth	1st 2nd	CH-6 overview of C programming language → constants, variable & datatype in C managing input, output operation. → decision control & looping statement

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Seventh	3rd	→ OPERATORS, EXPRESSIONS, TYPE CONVERSION & TYPE CASTING.
	4th	→ PROGRAMMING Assignment using the above features.
	1st	CH-4 Advanced features of 'C'
	2nd	→ function & passing parameters to the function.
	3rd	→ scope of variables and storage classes.
Eighth	4th	→ Recursion function & type of recursion.
	1st	→ string operations & pointers.
	2nd	→ scope of variables & storage classes.
	3rd	→ computer memory & classification.
	4th	→ type of OS, batch processing multi programming, time sharing OS.
Ninth	5th	features of OS, windows & unit.
	1st	→ programming language compiler, interpreter computer virus.
	2nd	→ Application of computer in diff domain.
	3rd	→ Network devices (E-mail, WWW, FTP, chatting, Internet conferencing E-news & online shopping).
	4th	→ Internet services (E-mail, like Hub, Repeater, switch, Bridge & conferencing Router, gateway & NAT).
Tenth	1st	→ string operation & pointers.
	2nd	Revision
	3rd	"
	4th	"