SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-A -CURRICULAR PLAN - LECTURER WISE

Department: Computer Applications
Name Of The Lecturer: M.Veera Kalyani

Year: 2023-2024 Class: II B.Com(CA)

Semester -III
Paper: III PROGRAMMING WITH C&C++

-	None	Serial Number			
August 3 rd Week	2	Weck			
9 9	· ·	Hours availa -ble			
History of 'C' - Structure of C program - C character set, Tokens. 1. Write C programs for Fibonacci Series	4	Syllabus Topic (as per the university)	Makaning i Mayaning and a second		
https://ww w.javatpoin t.com/c- programmi ng- language- tutorial	5	Additional Input (or) Value Addition			
Assessment & Teaching	6	Activity	Cur		
02	7	Hours allotted	Curricular Activity		
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	14	Remarks			

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3 rd Week	September	September 2 nd Week	September 1" Week	element of the second of the s		August 4 th Week	
92	02	03	92	93	02		03
Continue Statements - Array Notation and Representation 5. Write a 'C' program for multiplication of two matrices	4. Write C programs for Armstrong number.	Use of While, Do While and For Loops.	3. Write C programs for Palindrome number	Standard I/O in C - Applying if and Switch Statements.	2.Write C programs for Prime number	C data types - C operators.	Constants, Variables,
	-loop-in-c	https://ww w.javatpoin t.com/while				w.javatpoin t.com/data- types-in-c	https://ww
Class Room	Class Room	ICT &Digital	ICT &Digital Class Room			Class Room (DCR)	ICT & Digital
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Quiz	Student Seminar		Assignment				
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October 3 rd week	October 2 nd week		week	October 1 st			September 4 th Week
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Call - Call By Value, Call By Reference - Recursion. 9. Write a 'C++' program to perform addition of two complex numbers using constructor 8. Write a 'C' program to calculate factorial using recursion			7. Write a 'C' program to swap numbers	Variables - String Handling Functions -	Declaration and Initialization of String	6. Write a 'C' program for multiplication of two matrices	Manipulating Array Elements - Using Multi- Dimensional Arrays.
https://www.javatpoint.com/cpp-tutorial							
Class Room					ICT &Digital Class Room		ICT &Digital Class Room
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Student Seminar				Group Discussion			Assignment
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	November 2 nd week		November 1s week			October 4 th
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b. Overload == operator to carry out the comparison of strings.	Tokens, Keywords, Declaration of Variables, Dynamic initialization of variables. 13 Write a Implement a class string containing the following function.	a. Overload + operator to carry out the concatenation of strings	12. Write a Implement a class string containing the following functions	An example with Class, Structure of C++ Program, Creating source file, Compiling and Linking.	11. Write a Program to add two matrices using dynamic constructor.	Basic concepts of Object Oriented Programming, Applications of C++, A simple C++ Program.
				https://www.javatpoint.com/cpp-tutorial		
	ICT &Digital Class Room			ICT &Digital Class Room		ICT &Digital Class Room
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	Student		Assignment			Student Seminar
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Defining member functions, Function overloading. 14. Program to implement inheritance. a.single inheritance. b.multiple inheritance. Constructors and Destructors, Inheritance and types of Inheritance. 15. Program to implement inheritance. a.Hybrid inheritance. Multilevel inheritance.			
Specifying a Class Defining member functions, Function overloading. 14. Program to implement inheritance. a.single inheritance. b.multiple inheritance. Class Room Operator overloading, Constructors and Destructors, Inheritance and types of inheritance. 15. Program to implement inheritance. 15. Program to implement inheritance. 16. Program to implement inheritance. 17. Program to implement inheritance. 18. Mid-II Mid-II	December 1 st week	November 4 th week	November 3th week
Class Room Class Room OI ICT & Digital O3 Class Room Student Seminar Nid-II		02	02
Student Seminar Ol Mid-II		Operator overloading, Constructors and Destructors, Inheritance and types of Inheritance. 15. Program to implement inheritance. a.Hybrid inheritance. Multilevel inheritance.	Specifying a Class Defining member functions, Function overloading. 14. Program to implement inheritance. a.single inheritance b.multiple inheritance.
Student Seminar		Class Room	ICT & Digital Class Room
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01		Student Seminar	Stuby.
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SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-B-CURRICULAR PLAN - LECTURER WISE

ne Of The Lecturer: M.Veera Kalyani

Year: 2023-2024 Class: II B.Com(CA)

Semester -III
Paper: III PROGRAMMING WITH C&C++

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	https://www.javat point.com/c- programming- language-tutorial	5	Additional Input (or) Value Addition	
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September 2 nd Week			September 1 st Week		organica (managarina) (managari	August 4 th Week	
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While and For Loops. 4. Write C programs for Armstrong number.	Use of While, Do	3. Write C programs for Palindrome number	Statements.	Standard I/O in C - Applying if and Switch	2.Write C programs for Prime number	Identifiers – C data types - C operators.	Constants, Variables, Keywords,
point.com/while- loop-in-c	https://www.javat					https://www.javat point.com/data- types-in-c	
ICT &Digital Class Room			ICT &Digital		(DCR)	ICT &Digital Class Room	
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Student Seminar			Assignment				
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	While and For Loops. Loops. September 02 Programs for Armstrong number. While and For Loom/while- ICT & Digital Class Room A. Write C programs for Armstrong number. 01 O1	Use of While, Do While, Do While and For Loops. Loops. September 02	O2 3. Write C programs for Palindrome number O3 Use of While. Do Loops. Loops. 4. Write C programs for Armstrong number. O2 Programs for Armstrong number. O3 Use of While. Do While and For Loops. Loops. Loop-in-c Class Room Student Seminar Seminar O1	September 14 Week	September 1 Week	2 2. write C programs for Prime number O3 Standard I/O in C Applying if and Switch Statements. September 1 st Week O2 3. Write C programs for Palindrome number White and For point.com/while-Loops. O3 Use of While. Do Programs for Loops. O3 Use of While C programs for Armstrong number. O4 Write C programs for Armstrong number. O5 Week O6 Programs for Armstrong number. O6 Programs for Armstrong number. O8 O8 O9-in-c Class Room O8 September O2 Programs for Armstrong number. O8 O9-in-c Class Room O9 O1 Student Seminar O1 O1	August 4th data types - C https://www.javat Class Room operators. Pypes-in-c Class Room operators. Prime number operators. Standard I/O in C programs for Prime number of Palindrome number of Palindrome number of Palindrome number operators. September O2 programs for Loops. O3 Use of While. Do while and For Loops. Itop-in-c Class Room o3 September o2 programs for Armstrong number. O1 O1 September O2 programs for Armstrong number. O1 O1 September O2 programs for Armstrong number. O1

October 1 st week		September 4th Week	eptember ad Week
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Defining Functions – Function 7. Write a 'C' program to swap numbers	Declaration and Initialization of String Variables - String Handling Functions.	Manipulating Array Elements - Using Multi- Dimensional Arrays. 6. Write a 'C' program for multiplication of two matrices	Use of Break and Continue Statements - Array Notation and Representation 5. Write a 'C' program for multiplication of two matrices
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	ICT &Digital Class Room	ICT &Digital Class Room	ICT & Digital Class Room
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	Group Discussion	Assignment	Quiz
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	October 4 th							3" week	October								
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Program to add two matrices using dynamic constructor.	Program.	Applications of	Object Oriented	using recursion	calculate factorial	program to	8. Write a 'C'	constructor	numbers using	of two complex	perform addition	program to	9. Write a 'C++'	Recursion.	Reference -	Value, Call By	Call - Call By
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October 2nd week

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							initialization of	03	
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					Class	-	Declaration of		* - M
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							strings		in L
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	~~~						a Overload +		
							functions		
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					Room	tutorial	file Compiling	03	
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## SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-A -CURRICULAR PLAN - LECTURER WISE

partment: Computer Applications me of the Lecturer: M.Veera Kalyani

Year: 2023-2024 Class: III B.COM (CA)

SEM-V
Paper: 6-C Mobile Application Development

October 2023 2 nd Week	October 2023 1st Week	2		Work
<b>5</b>	95	3	Hours availa- ble	
Features of Android Tools and software required for developing an Application	Introduction to Android ,open headset alliance, Android Ecosystem Need of Android	4	Syllabus Topic (as per the university)	
	http://ww w.appinve ntor.mit.e du/	Un	Input (or) Value Addition	Additional
ICT &Digital Class Room (DCR)	Assessment &	6	Activity	Cur
04		7	Hours allotted	Curricular Activity
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Group Discussion	ZIUQ	10	Activity	Co-Curricular Activity
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		12	Whether conducted	Activit
		13	If not Alternate date	4
		14	Remarks	

JDK, Android SDK Android development om/course/ toels  Android development developing -android- 1. Demonstrate mobile technologies and devices and devices  steps to install Android virtual devices steps to install Android virtual devices steps to install Android activities configure Android studio and sdk Android activities control flow 2. Demonstrate Android platform and applications overview directory structure components of a screen fundamental UI design linear layout, absolute	6	ν,	•	ω
Android development developing and roid- I. Demonstrate mentals- and devices and devices ud883-nd  Android virtual devices ud883-nd  Android virtual devices steps to install Android virtual devices steps to install Android activities configure Android activities control flow appsfunda applications overview ud883-nd  Glass Room acreen fundamental UI design linear layout, absolute lavour absolute and solute lavour absolute are components of a screen fundamental linear layout, absolute lavour acreen fundamental lavour absolute lavour absolute lavour absolute lavour and and serve and applications over items are components of a screen fundamental linear layout, absolute lavour acreen fundamental linear layout, absolute lavour acreen fundamental lavour absolute lavour acreen fundamental lavour absolute lavour acreen fundamental lavour acreen fu	Novemb er 2023 2nd Week	Novemb er 2023 1st Week	October 2023 4th Week	October 2023 3rd Week
SDK w.udacity.c class Room developing -android- appsfunda logies mentals- ud853-nd lCT & Digital   04 class Room al lCT & Digital   04 class Room ltftes   04 com/course/ w.udacity.c class Room lCT & Digital   04 class Room lcT & Digital   04 class Room ltftes   04 com/course/ developing   04 com/course/ developing   04 lcT & Digital   04 class Room lentals- ud853-nd lcT & Digital   04 class Room lentals- lcT & Digital   04 class Room lcT & Digital   04 lcT & Digital	05	05	05	5
Class Room  ICT & Digital   04 Class Room   05	directory structure components of a screen fundamental UI design linear layout, absolute	configure Android studio and sdk Android activities control flow  2. Demonstrate Android platform and applications overview	Android virtual devices steps to install Android virtual devices steps to install	operating system, Java JDK, Android SDK Android development tools  1. Demonstrate mobile technologies and devices
Assignment Student Seminar  Assignment Seminar  Student Seminar  Student Seminar		https://ww w.udacity.c om/course/ developing -android- appsfunda mentals- ud853-nd		w.udacity.c om/course/ developing -android- appsfunda mentals- ud853-nd
Assignment Student Seminar  Assignment Student Seminar	ICT &Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room	Class Room
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01 01	Student Seminar	Assignment	Student Seminar	Assignment
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05	05	25	enterviewe de souve de service de la service	
date picker toast android platform services	grid view, image view, scroll view time  4. Develop a calculator application	radio button radio group, check box, and progress bar list view		table layout text view edit text button, image button 3. Working with texts , shapes, buttons and lists
	http://www .appinvento r.mit.edu/		Providence de la constanta de	anne e de mante de la constitución de manuel de proposition de la constitución de la cons
&Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room		Class Room
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Student Seminar	World computer literacy day	Student Seminar		Student Seminar
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2024 2014	January 2024 1st week	Decemb er 2023 5th Week	Decemb or 2023 4 th Week	Decemb er 2023 3rd Week
	5	2	05	3
	REVISION	programming basics of pialog Audio& Video file  5. Implement an application that creates a alarm clock	App Inventor Application Coding	Android system Architecture Android Security model
		http://www .appinvento r.mit.edu/		
MID-II	&Digital Class Room	&Digital Class Room	&Digital Class Room	&Digital Class Room
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	Student Seminar	Assignment	Babbage birth anniversary	Student Seminar
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### SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-B -CURRICULAR PLAN - LECTURER WISE

ne of the Lecturer: M.Veera Kalyani

Year: 2022-2023 Class: III B.COM (CA)

SEM-V
Paper: 6-C Mobile Application Development

October 2023 2 nd Week	October 2023 1st Week	2	Week	
05	05	3	Hours availa-ble	
Features of Android Tools and software required for developing an Application	Introduction to Android ,open headset alliance, Android Ecosystem Need of Android	4	Syllabus Topic (as per the university)	
	http://www. appinventor. mit.edu/	5	Input (or) Value Addition	Additional
ICT &Digital Class Room (DCR)	Assessment &  Teaching	6	Activity	Cu
04	04	7	Hours allotted	rricular
		∞	Whether Conducted	Curricular Activity
		9	If not Alternate date	
Group Discussion	QUIZ	10	Activity	Co-Curricular Activity
01	01	11	Hours allotted	Activity
		12	Remarks	

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November 2023 3rd Week	November 2023 2nd Week	November 2023 1st Week	October 2023 4th Week	October 2023 3rd Week
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table layout text view edit text button, image button 3. Working with texts , shapes, buttons and lists	directory structure components of a screen fundamental UI design linear layout, absolute layout	configure Android studio and sdk Android activities control flow 2. Demonstrate Android platform and applications overview	Android virtual devices steps to install Android virtual devices steps to install	operating system. java JDK, Android SDK Android development tools 1. Demonstrate mobile technologies and devices
		https://www. udacity.com/ course/devel oping- android- appsfundam entals- ud853-nd		udacity.com/ course/devel oping- android- appsfundam entals ud853-nd
Class Room	ICT &Digital Class Room	Class Room	ICT &Digital	Class Room
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Student Seminar	Student Seminar	Assignment	Student Seminar	Assignment
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December 2023 4ª Week	December 2023 3 ^{nt} Week	December 2023 2nd Week	December 2023 1st Week	November 2023 5n	November 2023 4th Week
. 8	3,	8.	7.	3	
Introduction of MIT App Inventor Application Coding	Android system Architecture Android Security model	date picker toast android platform services	grid view, image view, scroll view time 4. Develop a calculator application	radio button radio group, check box, and progress bar list view	
			http:// www.a ppinve ntor.m it.edu/		
ICT &Digital Class Boom	ICT &Digital Class Room	ICT &Digital Class room	ICT &Digital Class Room	Class Room	
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Charles Babbage birth anniversary	Student Seminar	Student Seminar	World computer literacy day	Student Seminar	
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January 2024 2nd Week	January 2024 1st week	December 2023 5th Week	
	05	05	
	REVISION	Programming Basics & Dialog Audio& Video file 5. Implement an application that creates a alarm clock	
		http:// www.a ppinve ntor.m it.edu/	
Mid-2	&Digital Class Room	&Digital Class Room	
	04	04	
	Student Seminar	Assignment	
	91	92	

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## SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-A -CURRICULAR PLAN - LECTURER WISE

epartment: Computer Applications ame of the Lecturer: M.Veera Kalyani

Year: 2022-2023 Class: III B.COM (CA)

> SEM-V Paper:7-C: Cyber Security and Malware Analysis

October 2023 1st Week	2	Week	
55	3	Hours availa -ble	
Computer Network Basics,Computer network types,OSI Reference model	4	Syllabus Topic (as per the university)	
	O.	Additional Input (or) Value Addition	
Assessment &	6	Activity	Cu
	7	Hours allotted	Curricular Activi
	∞	Whether Conducted	Activity
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QUIZ	10	Activity	Co-Curricular Activity
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	12	Whether conducted	Activity
	13	If not Alternate date	
	4	Remarks	

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October 2023 4th Week	October 2023 3rd Week	October 2023 2 nd Week
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Introduction to the components of the framework, Cyber security Framework Tiers, What is NIST Cyber security framework	Networking devices: router, bridge, switch, server, firewall, How to configure: router How to create LAN	TCP/IP Protocol suite, Difference between OSI and TCP/IP, What is cyber, cyber-crime and cyber-security. All Layer wise attacks
Class Room	ICT &Digital Class Room	ICT &Digital Class Room (DCR)
04	04	04
Student Seminar	Assignment	Group Discussion
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	October 2023 4th Week October Cyber security Framework Cyber security Cyber security framework Cyber security framework Cyber security framework Cyber security framework	October 2023 05 switch, server, 2023 and Week Server How to configure: router How to create LAN Introduction to the components of the 2023 4th Week Framework framewor

November 2023 5th	November 2023 4th Week	November 2023 3rd Week	November 2023 2nd Week
95		05	05
<ul> <li>XML External Entities (XXE)</li> <li>Broken Access Control</li> <li>Security</li> <li>Misconfiguration</li> <li>Perform the packet sniffing mechanism by download the "wire shark" tool and extract the</li> </ul>		What is OWASP?  OWASP Top 10  Vulnerabilities  Injection  Injection  Broken  uthentication  Sensitive  Data  Exposure	Cyber security Framework into Reality/ implementing the framework 2. Configure a LAN by using Router
ICT &Digital Class Room		ICT &Digital	ICT &Digital
04	Mid-1	04	04
Student Seminar		Student Seminar	Student Seminar
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December 2023 2nd Week	December 2023 1st Week	
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What is malware Types of malware  Key loggers Trojans Ran some ware Ran some ware Ran some ware Nativirus Firewalls Malware analysis Nalware analysis Nore Nore Nore Noress explorer Process monitor	<ul> <li>Cross-Site</li> <li>Scripting (XSS)</li> <li>Insecure</li> <li>Descrialization</li> <li>Using</li> <li>Components with</li> <li>Known</li> <li>Vulnerabilities</li> <li>Insufficient</li> <li>Logging and</li> <li>Monitoring</li> <li>Web application</li> <li>firewall</li> </ul>	packets
ICT &Digital Class Room	ICT &Digital Class Room	
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Student Seminar	World computer literacy day	
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January 2024 2nd Week	January 2024 1st week	December 2023 5th Week	December 2023 4 th Week	December 2023 3 rd Week
	55	05	05	05
	REVISION	Challenges to Indian law and cybercrime scenario in India	Indian IT ACT 2000Cybercrime and Punishments 4. Perform an SQL Injection attack and its preventive measure to avoid Injection attack	SECURITY: Legal Perspectives Cybercrime and the legal landscape around the world
MID-II	ICT &Digital Class Room	&Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room
	04	04	04	04
	Student Seminar	Assignment	Charles Babbage birth anniversary	Student Seminar
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January 2024 2nd Week	January 2024 1st week	December 2023 5th Week	December 2023 4 th Week	December 2023 3 rd Week
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	REVISION	Challenges to Indian law and cybercrime scenario in India	Indian IT ACT 2000Cybercrime and Punishments 4. Perform an SQL Injection attack and its preventive measure to avoid Injection attack	CYBER SECURITY: Legal Perspectives Cybercrime and the legal landscape around the world
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MID-II	ICT &Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room
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	Student Seminar	Assignment	Charles Babbage birth anniversary	Student Seminar
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# SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-B- CURRICULAR PLAN - LECTURER WISE

artment: Computer Applications te of the Lecturer: M.Veera Kalyani

> Year: 2022-2023 Class: III B.COM (CA)

> > SEM-V Paper :7-C: Cyber Security and Malware Analysis

October 2023 1st Week	2	Week	
85	3	Hours availa -ble	
Computer Network Basics, Computer network types, OSI Reference model	4	Syllabus Topic (as per the university)	
	S)	Input (or) Value Addition	
Assessment & Teaching	6	Activity	C
	7	Hours allotted	Curricular
9	œ	Whether Conducted	Activity
	9	If not Alternate date	
QUIZ	10	Activity	Co-Curricular Activity
01	=	Hours allotted	ır Activity
	12	Remarks	

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November 2023 1st Week	October 2023 4th Week	October 2023 3rd Week	October 2023 2 nd Week
K 4 05	05	05	05
Features of NIST Cyber security framework, Functions of NIST Cyber security framework, 1. Configure a LAN by using a switch	Introduction to the components of the framework, Cyber security Framework Tiers, What is NIST Cyber security framework	Networking devices: router, bridge, switch, server. firewall, How to configure: router How to create LAN	suite, Difference between OSI and TCP/IP, What is cyber, cyber-crime and cyber-security. All Layer wise attacks
CT &Digital	ICT &Digital Class Room	ICT &Digital Class Room	ICT &Digital Class Room (DCR)
2	04	04	04
Assignment	Student Seminar	Assignment	Group Discussion
91	01	01	01

November 2023 50	November 2023 4th Week	November 2023 3rd Week	November 2023 2nd Week
\$	and the state of t	35	8
* XML External Entities (XXE)  * Broken Access Control  * Security  Misconfiguration  3. Perform the packet sniffing mechanism by download the "wire shark" tool and		What is OWASP?  OWASP Top 10  Vulnerabilities  Injection  Broken  uthentication  Sensitive  Data  Exposure	Turn the NIST Cyber security Framework into Reality/ implementing the framework 2. Configure a LAN by using Router
ICT &Digital Class Room		ICT &Digital Class Room	ICT &Digital Class Room
2	Mid-1	04	94
Studen			
Student Seminar		Student Seminar	Student Seminar
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#### SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE

#### TABLE-A -CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER APPLICATIONS

Year: 2023-2024

Class: II BCOM (CA) SEMESTER-IV Paper: IV DATA BASE MANAGEMENT SYSTEMS

				Ò	Curricular Activity	či V		C	Co-Curricular Activity	ar Activ	-
				2	ITICUIAI ACI	IVILY		Activity			
Week	Hours availa ble	Syllabus Topic (as per the university)	Additional Input (or) Value Addition	Activity	Hours allotted	Whether Conducted	If not Alternate date		Hours	allotted	whether Conducted
										1, 1	
2	3	4	5	6	7	8	9	10	=		12
nuary	03	Introduction, Data and Information, Database, Database Management System	https://www.javatpoi nt.com/dbms-tutorial	Teaching	03	Yes			111		
" Week	22	Introduction to SQL queries,     DDL commands.		Practical	02						
eck numby	3 03	Objectives of DBMS, Evolution of Database Management System.	https://www.javatpoi nt.com/dbms-tutorial	Teaching Practical	02 03	Yes					
mary		Classification of Database Management System.		Teaching Practical	8 8	Yes		Assignment-1			

Approach.  4. Create Employee table  Advantage of DBMS, Data Models, Components of Database System.  5. Add columns to the table with appropriate columns Database Architecture, DBMS Vendors and their products.  6. Add columns to the table with appropriate columns and add additional columns to the table httroduction, The Building Blocks of an Entity. Relationship, Classification of Entity Set.  7. Basic column should not be null  Attribute Classification, Relationship Classification, Generalization  9. Classification, Generalization and Composition, COOD's Rules, Relational Data Models, Concept of Relational Integrity.  1. The Cooper Coope	•	•		•	5	•
Approach.  Advantage of DBMS, Data Models, Components of Database System, DBMS  Approach.  Advantage of DBMS, Data Models, Components of Database System.  S.Add columns to the table with appropriate columns and add additional columns to the table with appropriate columns and add additional columns to the table with appropriate columns to the Building Blocks of an Entity- Relationship, Classification of Entity Set.  Teaching	i i		February Week	Tempy Tempy	February I st Week	January 4 th Week
Practical 02  Practical 02  Yes  Practical 02  Yes  https://www.tutorialt Teaching 03  ms-vendors-and-their-products.html  Practical 02  Practical 02  Yes	2 5	ន ន	8 8	8 8	82 83	8 8
Practical 02 Practical 02 Practical 02  Teaching 03  Teaching 03  Individual Teaching 03  Individual Teaching 03  Practical 02	Aggregation and Composition, CODD's Rules, Relational Data Model, Concept of Relational Integrity.	Attribute Classification, Relationship Degree, Relationship Classification, Generalization and Specialization.  8 add constraint that basic should not be less than 5000	Introduction, The Building Blocks of an Entity- Relationship, Classification of Entity Set.  7. Basic column should not be nuil	Database Architecture, DBMS Vendors and their products.  6.Add columns to the table with appropriate columns and add additional columns to the table	Advantage of DBMS, Data Models, Components of Database System. 5.Add columns to the table with appropriate columns	of File-Based System, DRMS Approach.  4.Create Employee table
Ing 03 In		https://www.javatpoi nt.com/dbms- generalization		https://www.tutorialt point.net/2021/09/db ms-vendors-and- their-products.html		
92 Yes 92 Yes 92 Yes 2 Yes 1 A	Teaching Practical	Teaching Practical	Teaching Practical	Teaching Practical	Teaching Practical	l eaching Practical
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Assignment-2 Assignment-3		1		'		
	Assignment-3	Mjd-I	Assignment-2			

93 93 93 93 93 93 93 93 93 93 93 93 93 9	April 2 st	April Is	Wan	- 1	# Z \	-
and net by using PL/SQL program.  9. Calculate HRA, DA, Gross and net by using PL/SQL program.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately			March 4th Week	March 3 rd Week	March 2 nd Week	
9. Calculate HRA, DA, Gross and net by using PL/SQL program.  9. Calculate HRA, DA, Gross and net by using PL/SQL program.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  10. The percentage of HRA and DA are to be stored separately.  11. When the DA becomes Projection Operation, Aggregate Projection Operation, Carried and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and With user than 100%, a message has to be generated and with basic.  11. When the DA becomes not com/sql-data-types Practical 02  12. Table Modification, Table Transation, Imposition of Constraints, Set Operations.  13. Transation, Imposition of Constraints, Set Operations.  14. Transation, Imposition of Constraints, Set Operations.  15. Transation, Imposition of Introduction, Structure of pt/SQL pt/SQL Language Introduction, Structure of pt/SQL	2	8 8	2 2	8 8	03	
Teaching 03 Practical 02  Practical 02  Practical 02  Practical 02  Practical 03  Teaching 03  Teaching 03  Practical 02  Practical 02  Practical 02  Practical 03  Teaching 03  Teaching 03  Practical 02  Practical 02  Practical 02  Practical 03	Steps to Create a PL/SQL Program, Iterative Control Cursors, Steps to Create a	Introduction, Structure of PL/SQL,PL/SQL Language Elements, Data Types, Control Structure.	Table Modification, Table Truncation, Imposition of Constraints, Set Operations.	Data Definition Language (DDL), Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language 11. When the DA becomes more than 100%, a message has to be generated and with user permission has to be	The second property of the	9. Calculate HRA, DA, Gross and net by using PL/SQL program.
g 03 Yes 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		https://www.javatpoi nt.com/sql-data-types		nt.com/sql-tutorial	https://www.javatpoi	
yes Yes Yes Yes	Teaching Practical	Teaching Practical	Teaching Practical	Practical	Teaching Practical Teaching	
	92 53	8 8	02 03	92	03 03	
	Yes	Yes	Yes	Yes	Yes	
Group Discussion  Quiz  Quiz  Assignment 4  Assignment 4  Student Seminar	1	1	1	1	1	
	Student Seminar	Assignment 4	Seminar	Quiz	Group Discussion	

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A STATE OF THE STA	ii.			įųį	
2 2	8 8	93	8 8	8 8	
Steps to Create a PL/SQL Program, Iterative Control Curson, Steps to Create a Cursor, Procedure	Introduction, Structure of PL/SQL,PL/SQL Language Elements, Data Types, Control Structure.	Table Modification, Table Truncation, Imposition of Constraints, Set Operations.	Data Definition Language (DDL), Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language 11. When the DA becomes more than 100%, a message has to be generated and With user permission has to be merged with basic.	Interoduction, History of SQL Standards, Commands in SQL Data types in SQL 10. The percentage of HRA and DA are to be stored separately.	<ol> <li>Calculate HRA, DA, Gross and not by using PL/SQL program.</li> </ol>
	https://www.javatpoi nt.com/sql-data-types		https://www.javatpoi nt.com/sql-tutorial		
Teaching Practical	Teaching Practical	Teaching Practical	Teaching Practical	Teaching Practical	
8 8	8 8	8 8	8 9	92 93	
Yes	Yes	Yes	Yes	Yes	
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Student Seminar	Assignment-4	Student Seminar	Quiz	Group Discussion	

Signature of the Lecturer

April 4th Week

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RIVISION

April 3rd Week

8

Functions, Packages, https://www.javatpoi Exceptions Handling, Database nt.com/pl-sql-trigger Triggers, Types of triggers.

Practical

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Revision

8

93

Yes

Teaching

03

Yes

Mid-II

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B.19 Signature of the Dept. Vc

Signature of the Principal

17

#### SVR GOVERNMENT DEGREE COLLEGE . NIDADAYOLE

#### TABLE-B -CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER APPLICATIONS

Name of the Lecturer: M.VEERA KALYANI

Year: 2023-2024

Class: II BCOM (CA) SEMESTER-IV Paper: IV DATA BASE MANAGEMENT SYSTEMS

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		N .	-	-	Serial Numb	er
January 4 th Week	January 3 rd Work	January 2 nd Week	January 1 ^e Week	12		Work
02 03	03 02	03 02	02 03	(sa)	Hours	
File Based System. Drawbacks of File-Based System, DBMS Approach.  4.Create Employee table	Classification of Database Management System.  3. Create Department table	Objectives of DBMS, Evolution of Database Management System.  2. DML Commands.	Introduction, Data and Information, Database, Database Management System  I. Introduction to SQL queries, DDL commands.		Syllabus Topic (as per the university)	
		https://www.j avatpoint.com /dbms-tutorial	https://www.j avatpoint.com /dbms-tutorial	5	Input (or) Value Addition	Additional
Teaching	Teaching Practical	Teaching Practical	Teaching Practical	6	Activity	Curr
3 &	2 2	8 8	8 8	7	Hours allotted	rricular Activity
Y a	Yes	Yes	Yes	•	Whether Conducted	ctivity
				9	If not Alternate	
	Assignment-1			10	Activity	CO-Curricular Activity
				1	Hours allotted	сичну
				12	Remarks	4

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March 2 nd Week	March I st Week	February 4 th Week	February 3 rd Week	February 2 nd Week		February 1st Week	Actional for the second contraction of the s
03	03	02 03	03	02	03	2	03
Introduction, History of SQL Standards, Commands in SQL, Data types in SQL.  10. The percentage of HRA and DA are to be stored separately.	Aggregation and Composition of Relational Relational Data Model, Concept of Relational Integrity.  9. Calculate HRA, DA, Gross and not by using PL/SQL program.	Relationship Classification, Generalization and Specialization.  8.add constraint that basic should not be less than 5000	Relationship, Classification of Entity Set.  7.Basic column should not be null  7.Basic Classification. Relationship Degree.	6.Add columns to the table with appropriate columns and add additional columns to the table	Database Architecture, DBMS Vendors and their products.	Components of Database System.  5.Add columns to the table with appropriate columns	Advantage of DBMS, Data Models,
			https://www.j	ms-vendors- and-their- products.html	https://www.t utorialtpoint.n		
Teaching Practical	Practical	Practical Teaching		Practical	Teaching	Practical	Teaching
02	02	02	03 02	22	03	02	95
Yes	Yes	Yes	Yes	Yes		Yes	
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Group Discussion	Assignment-3	Mid-I	Assignment-2				
						Property and Company	-

nature of the Lecurer

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April 4 th Week	April 3 rd Week	April 2 nd Week	April I st Week	Week	March 4 th	March 3 rd Week	
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RIVISION	Functions, Packages, Exceptions Handling, Database Triggers, Types of triggers.	Steps to Create a PL/SQL Program, Iterative Control Cursors, Steps to Create a Cursor, Procedure	Language Elements, Data Types, Control Structure.	Introduction Structure of PL/SQL,PL/SQL	Table Modification, Table Truncation, Imposition of Constraints, Set Operations.	11. When the DA becomes more than 100%, a message has to be generated and With user permission has to be merged with basic.	Data Definition Language (DDL), Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language
	nups://www.j avatpoint.com /pl-sql-trigger		avatpoint.com /sql-data- types	https://www.j			https://www.j avatpoint.com /sql-tutorial
Revision	Practical	Practical	Practical Teaching	Teaching	Practical	Practical	Teaching
2 2	2 2	03 92	2 2	03	8 8	2 8	03
Yes	Yes	Yes	Yes		Yes		Yes
1.	1	1 1	1		- I		
	Mid-II	Student	Assignment-4		Seminar	Student	Quiz

Signature of the Dept. I/c

Signature of the Principal

### SVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-A -CURRICULAR PLAN - LECTURER WISE

partment: COMPUTER APPLICATIONS

Year: 2023-2024

Paper: II Office Automation Tools

								Co-C	Co-Curricular Activity	Activity	
		) = - -	Additional Input	C I			late			d	e date
Week	Hours available	Syllabus Topic (as per the university)	(or) Value Addition	Activity	lours Allotted	Whether Conducted	f not Alternate da	Activity	Hours allotted	Whether conducted	If not Alternate of
			5	6	7	8	9	10	=	12	2
2	3	+	https://ww	Teaching	03						
ebruary 1 st	03	Introduction to MS Office & MS Word: MS-Word: Features of MS-Word, MS-Word Window components, working with formatted text, Shortcut keys, Formatting documents: Selecting text, Copying &moving data	w.javatpoi nt.com/to- format- font-size- in-ms- word		0						
	02	1)Design a visiting card for Managing Director of a company as per the following specification.		Practical							
ary 2 nd	03	Formatting characters, changing cases, Paragraph formatting Indents, Drop Caps ,Using format painter, Page formatting, Header & footer, Bullets & numbering, Tabs, Forming tables. Finding & replacing text, go to(F5) command.		Teaching	03			Student Seminar			

Q2   2)Coeate a table with following columns and display the result in separate cells for the following   Practical   Q1	2 2)Create a table with following columns and display the result in separate cells for the following land the following display the result in separate cells for the following display the result in separate cells for the following display the result in separate cells for the following display the result in separate cells for the following display the result (Spell-check, Auto correct) and prepare an advertisement to a company command, proofing text (Spell-check, Auto correct) change-processory and command proofing text (Spell-check, Auto correct) change-processory and command to command the following specifications and fermalate - processory and the following specifications of the company on the top of the page2 with big fort and good style phone no, Fax no and E-mail address with symbols.  Year Command the following specifications and E-mail address with symbols at the bottom pictures: From Computer, Online Pictures  O3 Inserting pictures: From Computer, Online Pictures  Name of the configuration, Hyperlinks.  O3 Insert and Models - Insert Shapes - Insert Text  Box - Insert Equation, Hyperlinks.  O4 Sproporiate left and right mangins  Practical O1  Practical O1  O3 Difference between Wizard and From Practical o1  O3 Difference between Wizard and From Practical o1  O4 Difference between Wizard and From Practical o1  O5 Create two pages of curriculum vitae of a graduate with the following specifications with proper headings  Proportial Edit and right mangins  Practical O1  Practical O1  Practical O1  O3 Difference between Wizard and From Practical O1  O4 Difference between Wizard and From Practical O1  O5 Difference between Wizard and From Practical O1  O6 Difference between Wizard and From Practical O1  O6 Difference between Wizard and From Practical O1  O7 Difference between Wizard and From Practical O1  O8	5	4	w	
2) Create a table with following columns and display the result in separate cells for the following tables. Finding & replacing text, go to(ES) tables. Finding & replacing tables. Finding & replacing tables. Finding & replacing text, go to(ES) tables. Finding & replacing tables. Finding & replacing text, go to(ES) tables. Finding & replace	2) Create a table with following columns and display the result in separate cells for the following tables. Finding & replacing text, go to(F5) command, proofing text (Spell-check, Auto correct), Forming tables. Finding & replacing text, go to(F5) command, proofing text (Spell-check, Auto correct) changes of the command, proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the command proofing text (Spell-check, Auto correct) changes of the company or the following or creater or pages of the company or the top of the page2 with big font and good style phone no, Fax no and E-mail address with symbols.  > Name of the company or the top of the page2 with big font and good style proof the page2 with big font and good style pages or the company or the top of the page2 with big font and good style pages or the company or the top of the page2 with big font and good style pages or the company or the top of the page2 with big font and good style page or the company or the top of the page2 with big font and good style page or the company or the top of the page2 with big font and good style page or the company or the top of the page2 with proof the page2 with big font and good style page or the company or the top of the page2 with big font and good style page or the company or the top of the page2 with big font and good style page or the company or the top of the page2 with big font and good style page3 with page4 with the following specifications with proper by the company or the following specifications with proper by the company or the following specifications with proper page2 with page4 with the following specifications with proper pa	March 1 st Week	February 4 th Week	February 3 rd Week	
lowing https://ww Teaching 03  ming https://ww Mayatpoi w.javatpoi orientation page-orientation https://ww Mayatpoi nt.com/to-toring first-time-line-indent-in-line-line-word ms-word ms-word fitures  s with practical oli oli oli oli oli oli oli oli oli ol	lowing https://ww Teaching 03  ming https://ww Mayatpoi v.javatpoi nt.com/to-change-page-owing oi-in-ms-word https://ww https://ww https://ww Teaching 03  w.javatpoi nt.com/to-create-first-time-line-indent-in-he ms-word he ms-word he ms-word he ms-word practical 01  swith Teaching 03	03	02	03	02
Practical 0 Teaching 03 Teaching 03 Teaching 03  Treaching 03  Treaching 03  Treaching 03  Treaching 03  Treaching 03	Practical 0  Teaching 03  Teaching 03  Practical 01  Practical 01  Practical 01  Practical 01	Inserting pictures: From Computer, Online Fr	Difference between Wizard and Template - Customize the Quick Access Tool Bar – Macros: Purpose – Creating Macro – Using Macro – Storing Macro  4) Create a letter having following specifications Name of the company on the top of the page2 with big font and good style Phone no, Fax no and E-mail address with symbols. Main products manufactured by the company Slogans if any should be specify in bold at the bottom	Proofing text (Spell-check, Auto correct), Forming tables. Finding & replacing text, go to(F5) command, proofing text (Spell-check, Auto correct)  3) Prepare an advertisement to a company requiring software professional with the following	2)Create a table with following columns and display the result in separate cells for the following
01 03 01 03	01 03 01 03		https://ww w.javatpoi nt.com/to- create- first-time- line- indent-in- ms-word	https://ww w.javatpoi nt.com/to- change- page- orientation -in-ms- word	
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Assignment  Quiz  Quiz  Group Discussion	Assignment  Quiz  Group Discussion	2 8	2	03 02 8	
Assignment  Quiz  Quiz  Group Discussion	Assignment  Quiz  Group Discussion				
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May 1st Week	April 4 th Week		Week	April 3 rd	Week	April 2 nd	1000	April 18 Wash
03	02	8	02	03	02	03	2	8
using outlines, adding sub headings, editing text, formatting text, using master slide, adding slides, changing color scheme, changing background and shading, adding header and footer, adding cliparts	12)Extract records for department tin Accounts and Salary > 10000 Sort the data by salary with the department using "sort commands". Calculate total salary for a ch department using Subtotals.	Ms-PowerPoint and its Applications: MS-Power Point: Features of Power Point, Uses, components of slide, templates and wizards, using template, choosing an auto layout.	11) Create a suitable examination data base and find the sum of the marks (total) of each student and respective, class secured by the student.	Introduction to charts: types of charts, creation of charts, printing a chart, printing worksheet – Sort – Filters – View Menu.	10) The ABC Company shows the sales of different product For 5 years. Create BAR Graph, 3D and Pie chart	Ms-Excel Advanced Features: Cell referencing (Relative, Absolute, Mixed), What-if analysis,	9) Calculate the net pay of the employees following the conditions below.	Some useful Functions in Excel (SUM, AVERAGE, COUNT, MAX, MIN, 1F).
	office- certificatio n-online	https://ww w.javatpoi nt.com/fre e-ms-						
Teaching	Practical	Teaching	Practical	Teaching	Practical	Teaching	Practical	Teaching
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inserting music or sound on a slide, viewing slide show, inserting music or sound on a slide, viewing slide show ,Printing slides  16) Create a presentation with slide transitions and animation effects.  17) Create a table in PPT and apply graphical representation.	slide show ,Printing slides.  14) Create a presentation using templates.  15) Create a Custom layout or Slide Master for professional presentation.	Various presentation, Working in slide sorter view(deleting, duplicating, rearranging slides), adding transition and animations to slide show inserting and animations to slide	Apply the conditional formatting for marks 35 below Red 35 to 50 Blue 51 to 70 Green 71 to 100 Yellow	13) Enter the following data in to the sheet
	e-ms- office- certificatio n-online	https://ww w.javatpoi nt.com/fre		
Teaching Practical	Practical	Teaching		Practical
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Mid-2				

B. L. Signature of the Bept. I/c

Signature of the Principal

### OSVR GOVERNMENT DEGREE COLLEGE, NIDADAVOLE TABLE-B -CURRICULAR PLAN - LECTURER WISE

Department: COMPUTER APPLICATIONS

Name of the Lecturer: M.VEERA KALYANI

Year: 2023-2024

Class: I B.com (CA)

SEM-II

Paper: II Office Automation Tools

2		-		reed	Serial Number	Control September 1
February 2 nd Week	W	February 1st Week	2	Week		
03	92		3	u	Hours available	
, Formatting characters, changing cases, Paragraph formatting, Indents, Drop Caps, Using format painter, Page formatting, Header & footer, Bullets & numbering, Tabs, Forming tables. Finding & replacing text, go to(F5) command.	1) Design a visiting card for Managing Director of a company as per the following specification.	components, working with formatted text, Shortcut keys, Formatting documents: Selecting text, Copying &moving data	Introduction to MS Office & MS Word: MS- Word: Features of MS-Word, MS-Word Window	4	Syllabus Topic (as per the university)	
		format- font-size- in-ms- word	https://ww w.javatpoi nt.com/to-	5	Input (or) Value Addition	Additional
Teaching	Practical		Teaching	6	Activity	Cur
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				9	If not Alternate date	
Student Seminar				10	Activity	Co-Curricular Activity
				11	Hours allotted	ctivity
				12	Remarks	

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March I* Work		February 4 th Week							February 3 rd Week					
8	03				02			03		8		03	02	
5) Create two pages of curriculum vitae of a graduate with the following specifications  Table to show qualifications with proper headings  Appropriate left and right margins  Format //pageusingtwo-	Inserting pictures: From Computer, Online Pictures - Insert 3d Models - Insert Shapes - Insert Text - Box - Insert Equation, Hyperlinks.	company  Slogans if any should be specify in bold at the bottom	3.7	page2 with big font and good style phone no, Fax no and E-mail address with	4) Create a letter having following specifications	Macro	Customize the Quick Access Tool Bar – Macros: Purpose – Creating Macro – Using Macro – Storing	Difference between Wizard and Template -		3) Prepare an advertisement to a company requiring software professional with the following	command, proofing text (Spell-check, Auto correct)	Proofing text (Spell-check, Auto correct), Forming	2)Create a table with following columns and display the result in separate cells for the following	
					ms-word	line-	create- first-time-	w.javatpoi	word	page- orientation -in-ms-	nt.com/to- change-	https://ww w.javatpoi		
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	- Group Discussion						Quiz					Assignment		

<b>~</b>					
March 4 th Week		Week	2	Warch 2 nd	
02	03	02	03	8 8	
8) Create an electronic spread sheet in which you enter the following decimal numbers and convert the mint octal, Hexa decimal and binary numbers and vice-versa.  > DecimalNumbers:35,68,95,78,165,225,355, 375,465  > BinaryNumbers:101,1101,11101,11111,100	Renaming sheet, cell entries (numbers, labels, and formulas), spell check ,find and replace, Adding and deleting rows and columns Filling series, fill with drag, data sort,	7) Create a letter as the maindocumentandcreate 10 records for the 10 persons usemailmergetocreate letter for selected persons among 10.	Introduction to MS Excel & Its features: MS-Excel: Excel Features, Spreadsheets, workbooks, creating, saving & editing workbook.	documents, Tables : Insert tables, Mathematical calculations on tables : lasert tables, Mathematical calculations on tables data. Insert Text Box etc.  6) Write a macro format documents below  Linespacing"2"(double)  Paragraphindentof0.1  > Justification formatting style  Arial font andBoldof14pt-size	Name on each page at the top right side o Page no.in the footer on the right side.
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	Assignment		Mid-1	Student Seminar	

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May 1" Week	April 4 ⁶ Work		W 66k	Ì		<b>X</b>	100 1° West		
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using outlines, adding sub headings, editing text, formatting text, using master slide, adding slides, changing color scheme, changing background and shading, adding header and footer, adding cliparts	12)Extract records for department tin Accounts and Salary > 10000 Sort the data by salary with the department using "sort commands".  Calculate total salary for a ch department using Subtotals.	Ms-PowerPoint and its Applications: MS-Power Point: features of Power Point, Uses, components of slide, templates and wizards, using template, choosing an auto layout.	11) Create a suitable examination data base and find the sum of the marks (total) of each student and respective, class secured by the student.	Introduction to charts: types of charts, creation of charts, printing a chart, printing worksheet - Sort - Filters - View Menu.	10) The ABC Company shows the sales of different product For 5 years. Create BAR Graph, 3D and Pie chart	Ms-Exact Advanced Features: Cell referencing (Relative, Absolute, Mixed), What if analysis,	9) Calculate the net pay of the employees following the conditions below.	Formatting worksheet, Functions and its parts, Some works! Functions in Excel (SIJM,AVERAGE ,COUNT, MAX,MIN, IF).	
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Teaching	Practical	Teaching	Practical	Teaching	Practical	Teaching	Practical	delicio. Principo de degração de servi-	
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15 4 May 2nd Week May 3rd Week ន 2 03 03 02 51 to 70 Green 71 to 100 Yellow Apply the conditional formatting for marks 35 below Red adding transition and animations to slide show, inserting music or sound on a slide, viewing slide slides), adding transition and animations to slide 35 to 50 Blue and auto shapes. show ,Printing slides 14) Create a presentation using templates.15) Create a Custom layout or Slide Master for slide show , Printing slides. show, inserting music or sound on a slide, viewing view(deleting, duplicating, rearranging Various presentation, Working in slide sorter animation effects. 13) Enter the following data in to the sheet. professional presentation. representation. 16) Create a presentation with slide transitions and 17) Create a table in PPT and apply graphical nt.com/fre n-online certificatio officee-msw.javatpoi https://ww Practical Practical Practical Teaching Teaching 03 ឩ 2 2 Mid-2

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Signature of the Dept. I/c