MANNAR THIRUMALAI NAICKER COLLEGE

PASUMALAI, MADURAI– 625 004

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

(Re-accredited with 'A' Grade by NAAC)

B.Voc., IN SOFTWARE DEVELOPMENT

(RATIFICATION)

UNDER

CHOICE BASED CREDIT SYSTEM (CBCS)

(For those who joined during 2018-2019 and after)

B.VOC. IN SOFTWARE DEVELOPMENT
IIIYEAR COURSE PROFILE

S. No	Sem	Category	Course Code	Course Title	No. of Hours/ Week	No. of Credits
1		Part – I	18VSWG51	Career Guidance	4	4
2		General Education	18VSDG51	Fundamentals of Data Structures using C	4	4
3	V		18VSDG52	Business Informatics	4	4
				Total	**12**	**12**
5		Part – II	18VSDS51	Database Management System	6	6
6		Skill	18VSDS52	Visual Programming Lab	6	6
7		component	18VSDS53	Technology Trends in IT	6	6
				Total	**18**	**18**
1		Part – I	18VSWG61	Interview Skills	4	4
2		General Education	18VSDG61	Management Information Systems	3	3
3	VI		18VSDG62	.Net Programming Lab	5	5
				Total	**12**	**12**
5			18VSDS61	Programming in Python Lab	6	6
6		Part – II Skill	18VSDS62	Project	6	6
7		component	18VSDS63	Internship	6	6
				Total	**18**	**18**
				Grand Total	**60**	**60**

MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)
Madurai – 04

Class	: B.Voc. Programme	**Part I**	: GE
Semester	: VI	**Hours**	**: 04**
Course Code	:18VSWG61	**Credits**	**: 04**

INTERVIEW SKILLS

COURSE OUTCOMES:

On successful completion of the course the student will be able to

CO1:Explain the components of curriculum vitae

CO2:Prepare for theinterview questions

CO3:Anticipate interview questions according to job requirement

CO4: Practice interview skills either as an observer, an interviewer, or an interviewee.

CO5: Use mock situations to develop awareness on interviewing techniques to prepare for future interviews.

UNIT - I: JOB APPLICATION

Parts of application – Components of curriculum vitae – Quality of application –

E. Mailing etiquettes – Enclosures – Cover letter.

UNIT- II: AVENUES FOR JOB OPPORTUNITIES

Employment exchange – Employment news – Private Consultancy – E. Avenues: Application, Websites, Social media – Job fair.

UNIT -III: PREPARATION FOR THE INTERVIEW

Types of interview: Formal, Informal – Prepare for the Interview Questions:Traditional Questions, Situational Questions,Behavior-Based Questions – Preparation for days ahead – On the day preparation –Frequently asked question – Resume based questions and Angling

UNIT- IV : GROUP DISCUSSION

Definition – Principles of group discussion – Types of group discussion – Skills needed for Group Discussion: Subject knowledge and general awareness, Oral Communication Skills, Listening Skills, Clarity of thought and expression – Dos and Don'ts in Group Discussion – Roles in a Structured Group Discussion – Expectations of the Panel.

UNIT - V: INTERVIEW SKILLS

Three Golden Rules:Know the organization,Know yourself and resume, Know the job – Structure Of The Interview: First Stage - Opening, Second Stage - Information Exchange, Third Stage - Conclusion, Activity : Mock Interview – Para linguistic skills – Etiquettes and grooming .

TEXT BOOK:

1. Alphonse Xavier S.J. *We Shall Overcome – A Text Book on Life Coping Skills*. Chennai: MCRDCE Publications, March, 2004. Print.

REFERENCE BOOK(S):

1. Bender Peter Urs, Robert A. Tracz, *Secrets of Face to Face Communication*. New Delhi: Macmillan India Limited, 2005.Print.
2. Shiv Khera, *You Can Win.* New Delhi: Macmillan India Ltd, 1998. Print.
3. Shiv Khera, *Living with Honour.* New Delhi: Macmillan India Ltd, 2003. Print.

MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)

Madurai – 04

Class	:B.Voc (Software Development)	**Part II**	:Skill
Semester	: VI **Hours** : 05		
Course code	:18VSDG62	**Credits**	: 05

.NET PROGRAMMING LAB

COURSE OUTCOMES:

On the successful completion of the course, learners should be able to

CO1: Represent theinsights of the Internet programming

CO2: Demonstratedesign and implement complete application over the web

CO3: Connect MS.NET framework developed by Microsoft.

CO4: Evaluate the usage of recent platforms like C#, XML, and ASP.Net which is used in the development of web applications

CO5: Defend the deployment and the security in the .NET framework.

UNIT I: FEATURES IN VS.NET

Features in VS.NET: Introduction – Start Page – The IDE main window- Class view window- Object browser – Code window – Intelligence- Compiling the code –Code Debugging - Developing a simple VB.NET console application through visual studio IDE – Developing a simple VB.NET project through visual studio IDE.

UNIT II: VARIABLES CONSTANTS AND EXPRESSIONS

Variables Constants and Expressions: Introduction-Value types and Reference types- Variable Declaration and initialization – Value Data Types- Reference Datatypes – Boxing and unboxing-Arithmetic operators-Text box control – Label control - Button control

UNIT III:CONTROL STATEMENTS

Control Statements: Introduction -IF statement – Radio button control - Check box, control - Group Box, Control - List Box Control- Checked list box Control – Combo box Control– Select.. Case statement – While statement -Do statement- for statement.

UNIT IV:METHODS AND ARRAYS

Methods and Arrays: Introduction-Type of methods- Arrays- One dimensional array- multidimensional Arrays- Jagged Arrays - **Classes Properties and Indexers:** Introduction- Definition and usage of a class- Constructor overloading – Copy constructor – Instance and shared Class members – Shared constructors – Properties –Indexers- Inheritance and Polymorphism: Introduction- Virtual Methods- AbstractClasses and Abstract Methods- Sealed classes .

UNIT V:INTERFACES AND NAMESPACES AND COMPONENTS

Interfaces and Namespaces and components: Introduction- Definition and usage ofinterfaces- multiple implementation of an interface-Interface inheritance- Namespaces– Delegates , Events and AttributesIntroduction-Delegates-Events.

Database Connectivity: Introduction-Advantagesof ADO.NET – Managed Data providers – Developing a simple ADO.NET basedapplication – Creation of a Data table – Retrieving Data from Tables – Table updating– Disconnected Data Access through Dataset Object.

LIST OF PRACTICALS:

1. String operations

2. List box operations

3. Array list operations

4. Constructor overloading

5. Number checking(Adam,Armstrong,Palindrome)

6. Calculator

7. Quiz Application

8. Inheritance

9. Data Grid View

10. ADO control

TEXT BOOK:

Muthu.C,*Visual Basic.NET*, 2nd Edition, Vijay Nicole Imprints Pvt.Ltd., Chennai, 2008.

REFERENCE BOOKS:

1. Jeffrey R.Shapiro, *The Complete Reference Visual Basic.Net*, TMH Education,NewDelhi, 2002.

2. Steven Holzner, *Visual Basic .NET Black Book*, TheCoriolis Group, New Delhi,2002.

3. Steven Roman, Ron Petrusha, Paul Lomax, *VB.NET Language Pocket Reference*, O'Reilly Media, USA, First Edition, 2002

REFERENCE WEBSITES:

1. https://www.tutorialspoint.com / vb.net

2. https://www.vbtutor.net / index.php / visual-basic-net-tutorials

3. vb.net-informations.com