DEPARTMENT OF VOCATION

BVoc Information Technology

Value Added Courses

- Interactive Front End Development
- IT Support Professional
- Web Development Using Visual Studio
- Software Testing Foundations
- Microsoft Azure
 - Cyber Security

CMS College Kottayam (Autonomous)

Department of Vocation

B Voc Information Technology

Report - Value Added Course

Title: Software Testing Foundations

Course Code: IT18A1004

Semester: 4

The value added course on Software Testing Foundations talks about fundamental testing concepts and methods. It gives detailed information about the testing process, levels and test cases. Also briefly explained about software engineering and software development life cycle to get a better understanding of why and where testing is needed. Moreover it tells about how to prepare test cases and details about manual testing concepts.

In the session automated testing we gave brief knowledge about java programming and introduction of selenium testing. All remaining sessions were planned as laboratory sessions to practice selenium testing. Assignments based on each module were given and evaluated. A report based on the work done was submitted.

B. VOC
DEPARIMENT

STATE AM (AUTONOMO)

Head of the Department B.Voc

CMS College, Kottayam (Autonomous)

Course	Details											
Code	IT18A1004											
Title	SOFTWARE	OFTWARE TESING FOUNDATIONS										
Degree	B.VOC Infor	3.VOC Information Technology										
Branch(s)	Computer Sci	Computer Science										
Year/Semester	Fourth semes	ter										
Туре	Add-on											
Credits	2	Hrs/Week	Hours 6									

CO No.	Expected Course Outcomes Upon completion of this course, the students will be able to:	Cogni tive Level	PSO No.					
1	Understand testing in Software development life cycle	U	1,2,3,4					
2	Learn to prepare test plans manualy and automatically	Ap	1,2,3,4					
Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate;								

Modul e	Course Description	Hrs	CO.
1.0	Software Testing	18	
1.1	Introduction to Software Testing	3	1
1.2	Testing throughout the software development life cycle	3	1
1.3	Testing Process	3	1
1.4	Testing Levels, Types	3	1
1.5	Test case Preperation	3	1
1.6	Manual Testing	3	1,2
2.0	Automated Testing	18	
2.1	Java Programming	5	2
2.2	Introduction to Selenium HQ	5	2
2.3	Test Scenario Description using Automated Testing	8	2

Text Books for Reference

- Dorothy Graham, Erik Van Veenendaal, Isabel Evans, Rex Black, Foundations of 1. Software Testing, Gaynor Redvers-Mutton, Third Edition. (Module 4)
- 2. Test Automation Using Selenium Web Driver - Adactin

CMS College, Kottayam(Autonomous) VALUE ADDED COURSE (2018 Admission)

Semester 4

SOFTWARE TESTING FOUNDATIONS-IT18A1004

Attendance sheet

		Date/Hrs														-			
Roll No	Name	6/	11/12	17/12	6/	16/	21/	27	4/2	11/2	りつ	24/2	27/2					.6	_
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14	Soumya Symon	×	×	×	×	×	×	×	×	×	×	×	×						
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