



DEPARTMENT OF VOCATION  
B.VOC INFORMATION TECHNOLOGY  
CMS COLLEGE KOTTAYAM (AUTONOMOUS)

# WINDOWS AZURE

Value Added Course for Semester five



**CMS College Kottayam (Autonomous)**

**Department Of Vocation**

**B Voc Information Technology**

Report – Value Added Course


Title :WINDOWS AZURE

Course Code :IT18A1005

Semester :Fifth semester

This course mainly consists of two modules. Module 1 is concerned with 'Getting Started with Microsoft Azure' . The topics that were taught in this module are :- What is Azure?, Azure Resource Manager, Classic deployment model, Role based access controls, Azure App Service and Web Apps- App service plans, Creating and deploying Web Apps- Demo, Configuring Scaling and monitoring web Apps. Module 2 is concerned with 'Azure Virtual Machine'. The topics that were taught in this module are :- Virtual machine models, Virtual machine components, Create configuring and connecting virtual machine, Azure Storage-storage services Security, creating and managing store, Databases-Azure SQL Database, Azure virtual networks. All these topics was covered based on the syllabus and the students were asked to submit a report based on this. Upon completion of this course, the students will be able to understand the essentialities of Windows Azure and learn the basics of creating virtual machines.



  
Head of the Department  
B.Voc  
CMS College, Kottayam (Autonomous)

Course	Details				
Code	IT18A1005				
Title	WINDOWS AZURE				
Degree	B.VOC Information Technology				
Branch(s)	Computer Science				
Year/Semester	Fifth semester				
Type	Add-on				
Credits	2	Hrs/Week	Hours 6	Total Hours	36

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to:</i>	Cognitive Level	PSO No.
1	Understand the essentialities of Windows Azure	U	1,2,3,4
2	Learn the basics of creating virtual machines	Ap	1,2,3,4
<b>Cognitive Level: R-Remember; U-Understanding; Ap-Apply; An-Analyze; E-Evaluate; C-Create</b>			

Module	Course Description	Hrs	CO. No.
<b>1.0</b>	<b>Getting Started with Microsoft Azure</b>	<b>18</b>	
1.1	What is Azure?	3	1
1.2	Azure Resource Manager, Classic deployment model	3	1
1.3	Role based access controls	3	1
1.4	Azure App Service and Web Apps- App service plans	3	1
1.5	Creating and deploying Web Apps- Demo	3	1
1.6	Configuring Scaling and monitoring web Apps	3	1
<b>2.0</b>	<b>Azure Virtual Machine</b>	<b>18</b>	
2.1	Virtual machine models	3	2
2.2	Virtual machine components	3	2
2.3	Create configuring and connecting virtual machine	3	2
2.4	Azure Storage-storage services Security, creating and managing store	3	2
2.5	Databases-Azure SQL Database	3	2
2.6	Azure virtual networks	3	2

### Text Books for Reference

1. Fundamentals of Azure 2<sup>nd</sup> edition Microsoft Azure Essentials Michael Colliner  
Robin Shahan

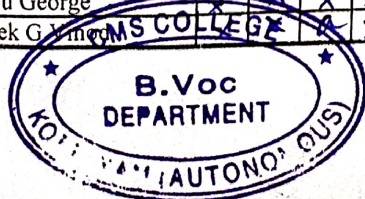


**CMS College, Kottayam(Autonomous)**  
**VALUE ADDED COURSE (2019 Admission)**

## Semester 5

WINDOWS AZURE-IT18A1005

## Attendance sheet

[illegible]

Rhmi  
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