




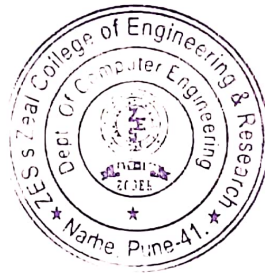
**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA
DEPARTMENT OF COMPUTER ENGINEERING**




INDEX

3.5.1 Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, Internship, field-trip, on-the-job training, research and other academic activities during year 2021-22

Sr. No	MoU with	Company logo	Date	For Department	Area of Collaboration
1	Kasnet Technologies Pvt. Ltd.		21/01/2022	Computer	Microsoft Global Certification




Head of Department
Dept. of Comp Engineering
ZES's Zeal College
of Engineering & Research
Narhe, Pune - 411 041.



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.:

Revision: 00

Date: 01/04/2021

MICROSOFT GLOBAL CERTIFICATION TRAINING PROGRAM REPORT

Department: Computer Engineering

Semester: II

Academic Year: 2021-2022

Date: 08/03/2022

To,
The Principal,
ZCOER, Pune

Through: Head of the Department

Subject: Report of Microsoft Global Certification Training and examination Program for Third and final year students on Azure Cloud-900 organized by Department of Computer Engineering

Training Partner: Kasnet Technologies Pvt. Ltd Pune.

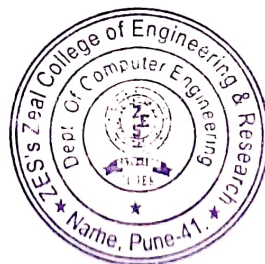
Respected Sir,

The Department of Computer Engineering has organized Microsoft Global Certification Training followed by examination Program for Third and final year Students on Azure Cloud-900 from 28/01/2022 to 02/03/2022.

The intention behind this program was to prepare the students for coding test conducted by the hiring Companies.

Following are the details:

Sr. No.	Branch	Students Details
1	Computer Engineering	<ul style="list-style-type: none">Total Student Count: 47Student Pass - 38Student Fail- 09





ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA



Record No.:

Revision: 00

Date: 01/04/2021

Sr. No	Contents Covered	Details	POs Mapping to the Contents
1	Module 1: Cloud Concepts	Introduction to Azure fundamentals Fundamental Azure concept	PO1, PO12
2	Module 2: Core Azure Services	Core Azure architectural components Core Azure workload products Azure networking services Azure storage services Azure database service	PO2, PO3, PO12
3	Module 3: Core Solutions	Choose the best Azure IoT service Choose the best AI service Choose the best Azure serverless technology Choose the best tools with DevOps and GitHub Choose the best management tools	PO1, PO5, PO12
4	Module 4: General security and networking features	Security Tools and Features Secure Network Connectivity	PO2, PO3, PO12
5	Module 5: Identity, Governance, Privacy, and Compliance	Core Azure identity services Azure Governance Methodologies Privacy, Compliance, and Data Protection standards	PO1, PO3
6	Module 6: Azure Pricing and Lifecycle	Planning and Cost Management Azure Service Level Agreements (SLAs) and Lifecycle	PO3, PO5, PO12





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**

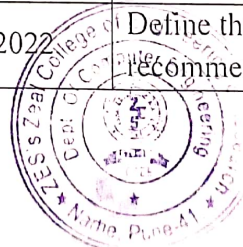


Record No.:

Revision: 00

Date: 01/04/2021

Sr. No.	Date:	Contents covered
1	28/01/2022	Introduction to Azure fundamentals
2	29/01/2022	Fundamental Azure concept
3	30/01/2022	Core Azure architectural components
4	31/01/2022	Core Azure workload products
5	01/02/2022	Azure networking services
6	02/02/2022	Azure storage services
7	03/02/2022	Azure database service
8	04/02/2022	Choose the best Azure IoT service
9	05/02/2022	Choose the best AI service
10	06/02/2022	Choose the best Azure serverless technology
11	07/02/2022	Choose the best tools with DevOps and GitHub
12	08/02/2022	Choose the best management tools
13	09/02/2022	Choose the best Azure monitoring service
14	10/02/2022	Security Tools and Features
15	11/02/2022	Secure Network Connectivity
16	12/02/2022	Core Azure identity services
17	13/02/2022	Azure Governance Methodologies
18	14/02/2022	Privacy, Compliance, and Data Protection standards
19	15/02/2022	Planning and Cost Management
20	16/02/2022	Azure Service Level Agreements (SLAs) and Lifecycle
21	17/02/2022	Use the Total Cost of Ownership Calculator. Describe the different ways you can purchase Azure products and services.
22	18/02/2022	Use the Pricing calculator to estimate the monthly cost of running your cloud workloads.
23	19/02/2022	Combine SLAs to compute a composite SLA. Describe the service lifecycle in Azure
24	20/02/2022	Describe what a service-level agreement (SLA) is and why SLAs are important. Identify factors, such as the service tier you choose, that can affect an SLA.
25	28/02/2022	Define the major factors that affect total cost and apply recommended practices to minimize cost.





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.:

Revision: 00

Date:01/04/2021

The screenshot shows the Microsoft Azure portal home page. At the top, there is a search bar and navigation icons. Below that, a row of service tiles includes 'Create a resource', 'All resources', 'Machine learning', 'Virtual machines', 'IoT Central Applications', 'Subscriptions', 'IoT Hub', 'Azure DevOps organizations', and 'DDoS protection...'. Underneath, a 'Recent resources' table lists various resources with columns for Name, Type, and Last Viewed.

Name	Type	Last Viewed
demo:machine	Machine learning	a month ago
demo:iot39	IoT Central Application	a month ago
demo:databricks	Resource group	a month ago
demo:iotapp1	IoT Hub	a month ago
demo:iotapp2	Resource group	a month ago
demo:iotapp3	IoT Hub	a month ago
demo:ddos	Resource group	a month ago
demo:intranet	Resource group	a month ago
demo:sql23	Resource group	a month ago
demo:keyvault	Resource group	a month ago

Demonstration of Azure Services

The screenshot shows the 'Create a virtual machine' wizard in the Azure portal. The 'Basics' tab is selected, showing fields for 'Subscription' (Pay-As-you-go), 'Resource group' (New Resource group), 'Virtual machine name', and 'Region' (Asia Pacific Australia East). There are 'Previous' and 'Next: Disks' buttons at the bottom.

Resource Person Giving an introduction about Create Virtual Machine





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.:

Revision: 00

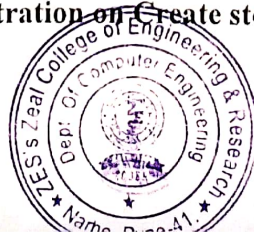
Date:01/04/2021

The screenshot shows the Microsoft Azure portal interface. At the top, there is a search bar and navigation icons. Below that, the page title is 'Azure Cosmos DB'. There are several action buttons: '+ Create', 'Restore', 'Manage view', 'Refresh', 'Open query', and 'Open query'. Below these buttons, there are filters for 'Subscription == all', 'Resource group == all', and 'Location == all'. A table header is visible with columns: 'Name', 'Status', 'Subscription', 'Write Region', and 'Read R'. The main content area displays a message: 'No Azure Cosmos DB accounts to display'. Below this message, it says 'Create a globally distributed, multi-model, fully managed database using API of your choice. Or try it for free up to 20k AUs for 30 days with unlimited renewal.' There is a button 'Create Azure Cosmos DB account' and a 'Try now!' link.

Demonstration About Azure Cosmo DB

The screenshot shows the Microsoft Azure portal interface for 'Storage accounts'. The page title is 'Storage accounts'. There are buttons for '+ Create' and 'Manage view'. Below these buttons, there is a search bar and a table with one entry: 'csg100320019315aa64'. The main content area shows the details for the storage account 'csg100320019315aa64'. The details are organized into sections: 'Essentials', 'Properties', 'Monitoring', 'Capabilities', 'Recommendations', 'Tutorials', and 'Diagnose'. The 'Essentials' section includes 'Resource group', 'Location', 'Subscription', and 'Subscription ID'. The 'Properties' section includes 'Performance', 'Standard', 'Replication', 'Locality-redundant storage (LRS)', 'Account kind', 'StorageV2 (general purpose v2)', 'Provisioning state', 'Redundancy', 'Created', and '4-6-2022 6:50:07 AM'. The 'Monitoring' section includes 'Blob service' and 'Microsoft namespaced (v2)'. The 'Capabilities' section includes 'Require secure transfer to RE' and 'enrollments'.

Demonstration on Create storage accounts





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.:

Revision: 00

Date:01/04/2021

Microsoft Azure Search resources, services, and docs (G+)

Home > Virtual networks > Virtual networks

Virtual networks Default Directory

+ Create Manage view

Filter for any field...

Name ↑	...
democosmos-vnet	...
DemovM3-vnet	...
demovM5-vnet	...

democosmos-vnet virtual network

Search (Ctrl+F)

Move Delete Refresh Give feedback

Essentials

Resource group (link)	democosmos	Address space	10.0.0.0/16
Location (link)	North Central US	DNS servers	Azure provided DNS service
Subscription (link)	Pay-As-you-go	Flow timeout	Configure
Subscription ID	13dc1b5c-13bb-4626-ae36-c4a6a2a052ed	BGP community string	Configure
Tags (0/1)	Click here to add tags	Virtual network ID	6105e2ce-ad8c-4fa3-b916-abeef26c

Topology Capabilities (5) Recommendations Tutorials

Virtual Network

Microsoft Azure Search resources, services, and docs (G+)

Home > Machine Learning > Machine Learning

Machine learning Default Directory

+ Create Manage view

Filter for any field...

Name ↑	...
demomachine	...

demomachine Machine Learning

Search (Ctrl+F)

Download config json Delete

Essentials

Resource group (link)	demomachine	Studio web URL	https://ml.azure.com?tid=...
Location (link)	Central India	Registry	-
Subscription (link)	Pay-As-you-go	Key Vault	demomachine4512a1621
Subscription ID	13dc1b5c-13bb-4626-ae36-c4a6a2a052ed	Application Insights	demomachine6711210
Settings	demomachine059122027	MLflow tracking URI	azureml:/centralindia/api/azureml

Page 1 of 1

Work with your models in Azure Machine Learning

Demo machine of machine Learning

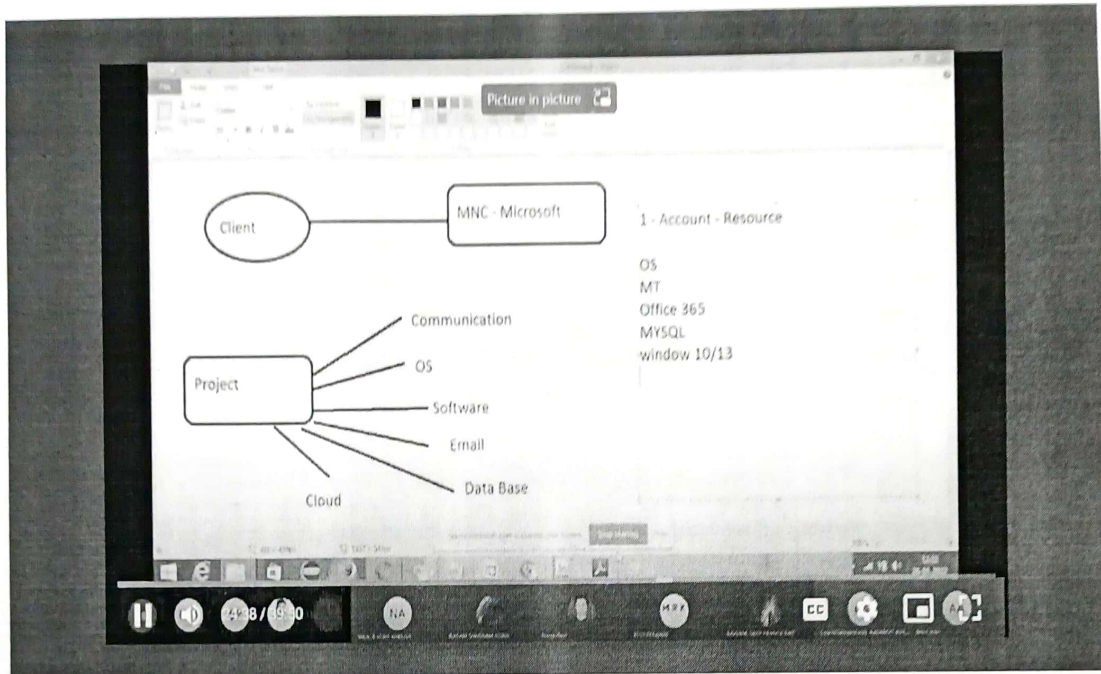




Record No.:

Revision: 00

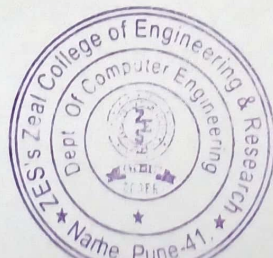
Date:01/04/2021



About Software Project flow

Student Training Registration and Examination Status details

Sr. No.	Branch	Students Details
1	Computer Engineering	<ul style="list-style-type: none"> Total Student Count: 47 Student Pass - 38 Student Fail- 09





**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA**



Record No.:

Revision: 00

Date:01/04/2021

Examination Status

Sr.No	Name of the student	Exam Status
1	SAURABH SURESH SHITOLE	Pass
2	HARSHITHKUMAR NARAYAN GANIGA	Pass
3	DHUMAL SAIRAJ PRADEEP	Pass
4	AMAR ANADRAV YELE	Pass
5	DEVENDRA SANJAY SUTAR	Pass
6	SUSHANT SHRIVASTAV	Pass
7	CHAITANYA SURESH CHAUDHARI	Pass
8	SHREYA VASUDEVANAND GODALE	Pass
9	SAMRUDDHI KADAM	Pass
10	NIKITA BALKRUSHNA THIKEKAR	Pass
11	KISHORI SHANKAR PATIL	Pass
12	RAHUL D. TELANGI	Pass
13	SANDIP SAMBHAJI CHAVAN	Pass
14	TAMANNA RIYAJ MULANI	Pass
15	ADITI ANAND KHULE	Pass
16	SHUBHAM KISAN KADAM	Pass
17	ANTHON RODRIGUES	Pass
18	SHRUTIKA DASHARATH NANAWARE	Pass
19	AJITKUMAR VISHWAKARMA SHARMA	Pass
20	SURAJ RAJENDRA RAUT	Pass
21	KUNAL JAGTAP	Pass
22	VINITA JITENDRA AGHICHA	Pass
23	RAHUL SUBHASH RALE	pass
24	NAGAWADE SHRIKANT VIJAY	Pass
25	ANKITA ARJUN KHUTWAD	Pass
26	TRUPTI SHITOLE	Pass
27	AYACHIT SIDDHANT SHREEKANT	Pass
28	SHRIKANT SHIVAJI BHANDALKAR	Pass
29	JAAI PATWARDHAN	Pass
30	PRAJAKTA KOPARKAR	Pass
31	JANHAVI VIJAY ASWARE	Pass
32	GUNJA GUPTA	Pass
33	ABHISHEK TANAJI DOKE	pass
34	ABHISHEK NAGARKAR	Pass
35	AKSHADA SHIVAJI DHUMAL	pass
36	PATIL RAJESH ANANTA	Pass
37	SHRADHA SUNIL SOLAPURE	Pass
38	ANIKET PATEL	Pass





ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE | PUNE -41 | INDIA



Record No.:

Revision: 00

Date:01/04/2021

Sr.No	Name of the student	Exam Status
39	MOHIT RAJENDRA KASAR	Fail
40	RUCHIKA VIJAY BHAMBURE	Fail
41	VAISHNAVI BARDE	Fail
42	SAMPADA SANTOSH DESHPANDE	Fail
43	ASHUTOSH DANGE	Fail
44	SHUBHAM RAJU PATIL	Fail
45	SANCHITA KULDEEP JADHE	Fail
46	VIVEK RAJENDRA DHOKANE	Fail
47	SAKSHI AJIT GAWALI	Fail

Microsoft Certified Azure Fundamentals

Ajitkumar Sharma

Azure Fundamentals

Microsoft Certified

Microsoft

Ajitkumar Sharma
Signature



verify.certipoint.com/waz2B-Fo4F

Certificate of Ajitkumar Sharma

