

# SIRC RREDDY COLLEGE FOR WOMEN

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Vatluru (Post), Pedapadu Mandal, W.G Dist., (A.P)



## Microsoft Up skilling

## Training Programme

## (Database Fundamentals)

**Date:**

**23-05-2022**

**to**

**08-06-2022**

**Time: 06:00 pm to 8:00 pm**

**Organized by**

**SKILL DEVELOPMENT CELL**

**2021-2022**

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## BriefNote

- ❖ Skill development cell organized a micro soft up Skilling programme for II B.Com and II B.Sc students.
- ❖ The objective of learning this program is to enable the students to learn the micro soft up skilling techniques and to enrich the practical knowledge in Microsoft.
- ❖ This program is conducted on online basis.
- ❖ This course is conducted from 23-05-2022 to 08-06-2022.
- ❖ The duration of the classis for two hours (6.00p.mto8.00p.m).
- ❖ 300 students are participated in this programme.
- ❖ Course material was provided to every registered participant.
- ❖ Participation Certificates were issued to the participants

## **About Program**

APSCHE conducted this micro soft up skilling programme through Adikavi Nannaya University, Rajamahendravaram.

This aim is to enhance the skills of affiliated colleges of Andhra Pradesh. The university Nodal Officer Mr.B.JaganMohanReddy is coordinating all the college level coordinators.

V.Rambabu, Lecturer in computer science is selected as nodal Officer in Sir C R Reddy college for women, Eluru. As per the instructions of APSCHE and AKNU, We have chosen three courses from the course list.

The selected courses are as follows:

### **Those MTA Courses are**

MSC015 - Software Development Fundamentals.

MSC016-DatabaseFundamentals.

MSC018-NetworkingFundamentals.

In MSC015 - 164

MSC016-39+1=40

MSC018-96 students are enrolled from B.Sc and B.Com.

The students enrolled is done through Google sheet and APSCHE conducting number of meetings monitoring and guiding is regarding the registering and login of students. APSHE provided one website and then application (app) to students for login and learning the corresponding courses.

After the course completion, 302 students registered for examination which will be conducted by APSHE (Certiport.com) through online. The examination process is also another registration i.e. Certiport registration. (This is also completed)

Out of 302 students 277 students attended online examination the venue of "Rama Chandra Engineering College,Eluru"for 3days.

27/06/2022-1<sup>st</sup>day-110

29/06/2022-2<sup>nd</sup>day-177

Re-exam - 3<sup>rd</sup> day-10+1=11on (30/06/2022)

## **Learning Objectives and Outcomes**

### **Objectives**

1. To create immersive and inclusive experience.
2. To stimulate development of essential life skills, and support educators in guiding and nurturing student passions.
3. To galvanized them to create and share in entirely new approaches.
4. To understand individual learning needs, so that they can design, invent and built with technology.
5. To understand Microsoft teams observe and how it can be used in classrooms.
6. MSC016 - Database Fundamentals Candidates for this exam are familiar with general data base concepts and the technologies.
7. Candidates should have some hands-on experience with WindowsServer, database fundamentals, oracle software management tools

### **Outcomes:**

1. They learn how to create a team and channels with in a team.
2. They learn how to navigate within a team and manage the team's permissions.
3. They learn how to create an assignment and form within teams.
4. Learn how to upload files, start and replay to conversations and post announcements.

**Permission Letter**

**Date:** 19-05-2022,

**Station:** Eluru.

To  
The Principal,  
Sir C.R.Reddy College for Women,  
Eluru.

**Subject:** Request to grant permission to arrange online classes for  
“Microsoft up skilling programme” -regarding.

This is to bring to your kind notice that, Skill Development Cell is planning to arrange online classes Microsoft Up skilling Programme (Database Fundamentals) for II B.sc/B.Com students. This program conducted from 23-05-2022 to 08-06-2022. In this context, we request you to grant permission to conduct this program for II B.Sc/B.Com students from 23-05-2022 onwards.

*Permitted  
Sally*

Thanking You Madam

Yours Faithfully,

*Ramkrishna S.V.*

# BROCHURE

Start Date : 23<sup>th</sup> May 2022      Duration : 15 Days  
End Date : 08<sup>th</sup> June 2022

Time : 6.00pm to 8.00 pm(Online)

**Resource Persons:**  
APSCHE and AKNU in association with  
Certiport Company

## Instructions to Students

➤ 90% Course attendance is Compulsory to get  
the certificate

### Further Information, Contact

Mr V.Ram Babu, MCA  
Nodal Officer, Microsoft Upskilling Programme  
Ph.no: 9494254197



(Estd : 1987)

## SIR C R REDDY COLLEGE FOR WOMEN

(Affiliated to ADIKAVI NANNAYA UNIVERSITY, Rajamahendravaram)

Vatluru, Eluru - 534007

### Microsoft Upskilling Training Programme (Database Fundamentals)



Organized by  
Skill Development Cell



Notice to Staff and Students

Date: 20-05-2022

NOTICE

This is to inform that Skill Development Cell is going to conduct a course on "Microsoft up skilling programme" (Database Fundamentals) from 23-05-2022. This program is conducted before the commencement of the regular class work.

Students are requested to apply for this program till 21-05-2022 4.30p.m. Those who are interested to join the above course are here by informed to contact the Skill development cell.



PRINICIPAL

Inaugural Function

Date: 21-05-2022.

NOTICE

This is to inform that Skill development cell is going to conduct an Inaugural function on “Microsoft up skilling programme” (Data base Fundamentals) on 23-05-2022 at 9.30 a.m.

\* All staff and students are requested to attend the function and make it a big success.



PRINCIPAL



## **SIR C. R. REDDY COLLEGE FOR WOMEN**

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)  
Vatluru(Post), Pedapadu Mandal, W.G Dist(AP)

### **Invitation**

*You are cordially invited to inaugurate*

## **Microsoft Upskilling Training Programme (Database Fundamentals)**

**Chief Guest : Sri Chalasani Viswanadha Rao**  
Correspondent, Sir C R Reddy College for Women, Eluru

**Guest of honor : Smt P. Sailaja**  
Principal, Sir C R Reddy College for Women, Eluru

**Guest : Sri V.Rambabu**  
Skill Development Cell Coordinator,  
Sir C R Reddy College for Women, Eluru

**Date:** Monday 23<sup>rd</sup> May 2022

**Time:** 10.00 am

**Organized by**

**SKILL DEVELOPMENT CELL**

**SIR C R REDDY COLLEGE FOR WOMEN, ELURU**

## STUDENTS LIST

### Database Fundamentals

S.NO	Name of the Student	Mobile Number	E-Mail-ID	Name of the Microsoft Certificate Course Enrolled with code	Branch	Group
1	P.Swathi	6309618920	Chowdaryswathi596@gmail.com	Database Fundamentals(MSC016)	B.com(Computers)	B.Com(V2)
2	T.Sireesha	9014794148	tiyyalashirisha2003@gmail.com	Database Fundamentals(MSC016)	B.com(computers)	B.Com(V2)
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11	D.Gayatri	7893297956	gayeechowdary492@gmail.com	Database Fundamentals(MSC016)	B.com(computers)	B.Com(V1)
12	Ch.Rahitha Rani	7382807999	chintarahitharani@gmail.com	Database Fundamentals(MSC016)	B.com (Computers)	B.Com(V1)
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19	R.Harshini	9989357699	harshiniresaju@gmail.com	Database Fundamentals(MSC016)	B.Sc(Computers)	MSCS-2
20	T.Syamala Mani Sai	9347742229	tummarambabu1972@gmail.com	Database Fundamentals(MSC016)	B.Sc(Computers)	MPCS-2
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22	N.JayaSri	8309447689	jayasrinainavarapu@gmail.com	Database Fundamentals(MSC016)	B.Sc(Computers)	MSCS-2
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# **Syllabus**

## **DATABASEADMINISTRATIONFUNDAMENTALS**

### **CHAPTER1**

Understanding Core Database Concepts, Understand how data is stored in tables, Understand relational database concepts, Understand data manipulation language (DML), Understand data definition language(DDL)

### **CHAPTER2**

Creating Database Objects, Choose data types, Understand tables and how to create them, create views using T-SQL, Create views using a graphical designer, Create stored procedures and functions

### **CHAPTER3**

Manipulating Data, Select data utilizing SELECT with simple queries, Select data utilizing SELECT with complex queries, Insert data, Update data, Delete data

### **CHAPTER4**

Understanding Data Storage, Understand normalization, Understand primary, foreign, and composite keys. Understand indexes

### **CHAPTER5**

Administering a Database, Understand database security concepts, Understand database backup and restore

### **CHAPTER6**

Database Concepts Review, Database administration fundamentals review

## CourseMaterial

1. You have a table that contains the following data.

ProductID	ProductName	Color1	Color2	Color3
4545	Shirt	Blue	Green	Purple

You break the table in to the following two tables.

ProductID	ProductName
4545	Shirt

ProductID	Color
4545	Blue
4545	Green
4545	Purple

This process is referred to as:

- A. defragmentation
- B. normalization
- C. fragmentation
- D. demoralization

B

2. You have a table that contains the following data.

ProductID	ProductCategory
32	books
25	books
67	movies
89	movies

Which database term is used to describe the relationship between Product ID and Product Category?

- A. Cohort
- B. Relationally dependent
- C. Deterministic
- D. Functionally dependent
- E. Compositional

D

3. Which key uniquely identifies are winatable?

- A. Foreign key
- B. Primary key
- C. Local key
- D. Super key

B



4. Which statement creates a compositekey?

- A. 

```
CREATE TABLE Order
(OrderID      INTEGER PRIMARY KEY,
 OrderItemID INTEGER PRIMARY KEY)
```
- B. 

```
CREATE TABLE Order
(OrderID      INTEGER,
 OrderItemID INTEGER,
 PRIMARY KEY OrderID,
 PRIMARY KEY OrderItemID)
```
- C. 

```
CREATE TABLE Order
(OrderID      INTEGER,
 OrderItemID INTEGER,
 PRIMARY KEY)
```
- D. 

```
CREATE TABLE Order
(OrderID      INTEGER,
 OrderItemID  INTEGER,
 PRIMARY KEY(OrderID, OrderItemID))
```

- A. OptionA
- B. OptionB
- c. OptionC
- D. OptionD

D

5. Which command should you use to give a user permission to read the data in a table?

- A. AllowSelect
- B. LetRead
- c. PermitRead
- D. GrantSelect

D

6. You need to enable a new employee to authenticate to your database. Which command should you use?

- A. AllowUser
- B. CreateUser
- C. AddUser
- D. InsertUser
- E. AlterUser

B

7. Which keyword can be used in a create table statement?

- A. ORDERBY
- B. DISTINCT
- C. GROUPBY
- D. UNIQUE

8. You have the following table definition:

The Road table contains the following data:

RoadID	Distance
1234	22
1384	34

What is the result?

- A. An error stating that NULL values are not allowed
- B. anewrowinthetable
- C. an error stating that duplicate IDs are not allowed
- D. asyntaxerror

B

9. You need to store product names that vary from three to 30 characters. You also need to minimize the amount of storage space that is used.

Which datatype should you use?

- A. VARCHAR(3,30)
- B. CHAR(3,30)
- C. VARCHAR(30)
- D. CHAR(30)

C

- 10. One reason to create a stored procedure is to:**

- A. Improve performance.
- B. Minimize storage space.
- C. Bypass case sensitivity requirements.
- D. Give the user control of the query logic.

A

**11. Which permission does a user need in order to run a stored procedure?**

- A. EXECUTE
- B. ALLOW
- C. CALL
- D. RUN

A

**12. You have two tables. Each table has three rows.**

How many rows will be included in the Cartesian product of these two tables?

- A. 0
- B. 3
- C. 6
- D. 9

CorrectAnswer:D

# Valedictory Function

## Valedictory Function

Date: 09-06-2022

### NOTICE

This is to inform that Skill development cell is going to conduct a valedictory function on “Microsoft up skilling programme” (Database Fundamentals) on 10-06-2022 at 4.30 pm.

All staff and Students are requested to attend the function and make it a big success.



PRINCIPAL

# Certificates



Shaik Shabeena

has successfully completed the requirements to be recognized as a Microsoft Technology Associate for

Database Administration Fundamentals

Date of achievement: June 30, 2022  
verify.certipoint.com nLko-DThB

  
Satya Nadella  
Chief Executive Officer

**Microsoft**  
Technology Associate



Gayathri Davuluri

has successfully completed the requirements to be recognized as a Microsoft Technology Associate for

Database Administration Fundamentals

Date of achievement: June 30, 2022  
verify.certport.com w9EpX-FMXL

  
Satya Nadella  
Chief Executive Officer





## EXAM SCORE REPORT

CANDIDATE	EXAM
<b>Shaik Shabeena</b> Kodurupadu Eluru Andhra Pradesh 533236  shabeenashaik874@gmail.com	<b>98-364:MTA: Database Fundamentals</b>  Exam reference #: 42051007 Date: June 30, 2022 ID: Shabeena786

RESULTS	10	20	30	40	50	60	70	80	90	100
Required Score										
Your Score										

SECTION ANALYSIS		FINAL SCORE	
Understanding Core Database Concepts (20-25%)	91%	Required Score	70
Creating Database Objects (20-25%)	73%	Your Score	76
Manipulating Data (25-30%)	75%	<b>OUTCOME</b>	
Understanding Data Storage (15-20%)	63%	Pass	
Administering a Database (10-15%)	60%		

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## EXAM SCORE REPORT

CANDIDATE	EXAM
<b>Gayathri Davuluri</b> Nyayampalli Pedevegi mandal Eluru Andhara pradesh 534450  gayeechowdary492@gmail.com	<b>98-364:MTA: Database Fundamentals</b>  Exam reference #: 42052794 Date: June 30, 2022 ID: Gayathri341

RESULTS	10	20	30	40	50	60	70	80	90	100
Required Score										
Your Score										

SECTION ANALYSIS		FINAL SCORE	
Understanding Core Database Concepts (20-25%)	82%	Required Score	70
Creating Database Objects (20-25%)	82%	Your Score	72
Manipulating Data (25-30%)	67%	<b>OUTCOME</b>	
Understanding Data Storage (15-20%)	50%	Pass	
Administering a Database (10-15%)	60%		

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# REPORT

After completion of exam, 17 students were selected for certification from the Micro Soft up skilling programmed based on their Performance in online exams and 1 lecturer was selected for certification from the Microsoft Up skilling programmed based on their Performance in online exam.

The list of students and faculty, who got the certificates are followed.

**27/06/2022**

1. TummaSyamalaManiSai–IIMPCs-2-70-Database

**29/06/2033**

2. Battula Akhila-IIB.Com(v1)-78-Datsbase.
3. Komarapu BhanuPrasanna-IIMSCs-1-77-Database
4. Balusu Harika-IIB.Com(V1)-82-Database
5. Bojja Jyothsna-IICBZ-72-Database
6. K.R.NithyaSri-IIB.Com(V1)-76-Database.
7. Devi Pujari-IIMSCs-2-76-Database.

**30/06/2022**

8. A.AmruthaBindhu-IIB.Com(V1)-83-Software.
9. B.InduNikhila–IIMPCs-1-73-Software.
10. D.Gayathri-IIB.Com(V1)-72-Database.

11. BatchuHarika-IIMPCs-1-88-Software.
12. Ch.Jayasri-IIMECs-85-Software.
13. S.J.V.PavanDurga-IIMPCs-2-76-Software.
14. S.MadhuraMeenakshi-IIMPCs-2-79-Software.
15. M.SathyaSri-IIMSCs-2-84-Databade.
16. P.Navitha-IIB.Com(V2)-74-Software.
17. Sk.Shabeena-IIB.Com(V2)-76-Database.

**30/06/2022(Lecturer)**

18. RambabuVeeranki-80-Database.

## PHOTO GALLERY



Students are listening the online data base fundamental training programme



Technical staff are engaged in training programme



Students are practice the programme