Dear Student!!

Greetings of the day!

This is to inform you that an A*ugmented Reality* (AR) *application based on the QR Code* is designed and developed **by the undersigned**. QR Code based access is provided to the eContent available online on eGyankosh, IGNOUs Video Archives etc.. With the corresponding QR codes given in this document you can access the eContent for MCS -023 Introduction to Database Management Systems. In this document e-resources are compiled/curated and placed in order for the ease and benefit of the students. With the help of a Smartphone, Tab etc.. the student can access MCA Programme Guide, all the Course Material (SLMs) for the said course, Videos, Powerpoint Presentations, Gyandhara, Virtual lab etc..

Requirements:

Smartphone (Android or iPhone) or Tab or iPad with any ***QR Scanner*** app.

Note: Download any of the free QR Code Scanner app from Google Play Store for Android app or Apple iStore for iPhone or iPad.

 Free Android Apps:

QR & Barcode Scanner, Free QR Scanner, Lightning QR Code Scanner, QR Code Reader and Scanner, i-nigma, kaspersky's QR Scanner, Quickmark, Quickscan, Scan QR Code Reader, Tapmedia's QR Reader, Zapper

Apple iOS App:

QR Reader for iPhone

Procedure to Access the eContent

(i)   Take a print-out of this QR based course access document (OR) else you can open this document and scan it from the system itself.

(ii)   Connect your smartphone or Tab to the Internet through WIFI, Mobiledata etc..

(iii)   Open the QR scanner app from your smart phone or Tab and scan the respective QRcode (QR image) given against each item on the QR-based course document given. Corresponding eContent will be accessed. You can read or bookmark or download the resources for future reference.

Happy QR Code Based Accessing……..

Designed and Developed by:

Dr.V.V.Subrahmanyam
Associate Professor,
SOCIS, IGNOU, New Delhi

(Course Coordinator, MCS-023)
Designed and Developed by: Dr.V.V. Subrahmanyam, Associate Professor, SOCIS, IGNOU

MASTER OF COMPUTER APPLICATIONS (MCA)

MCS-023: INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS

SEMESTER: SECOND SEMESTER   **CREDITS : 3**

COURSE COORDINATOR: Dr. V. V. SUBRAHMANYAM
Associate Professor
SOCIS, IGNOU

Objectives

Database systems are pervasive. They are present in every segment of commercial, academic and virtual world. They are required as the backbone of any information system, enterprise resource planning, research activities and other activity that require permanence of data storage. This course provides the basic introduction to database system technologies; and concurrency, security and recovery issues of database management systems.

This course also provides the basic conceptual background necessary to design and develop simple database systems. The major focus in this course is the Relational database model; however, it also discusses about the ER model and distributed databases. This course enables you to write good queries using a standard query language called SQL.

MCA Programme Guide

MCA Programme Guide	http://www.ignou.ac.in/upload/programme/MCAPROGRAMME_GUIDEJuly2014%20-%20final.pdf	

Course Material (3 Blocks)

BLOCK	URL	QR CODE
Block – 1 **The Database Management System Concepts**	http://www.egyankosh.ac.in/handle/123456789/1243	
Block – 2 **Structured Query Language and Transaction Management**	http://www.egyankosh.ac.in/handle/123456789/1246	
Block – 3 **Application Development : Development of a Hospital Management System**	http://www.egyankosh.ac.in/handle/123456789/1249	

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Block – 5 **Study Centre Management System : A Case Study**	http://www.egyankosh.ac.in/handle/123456789/1252	
All the Blocks	http://www.egyankosh.ac.in/handle/123456789/971	
MCSL – 025 **SECTION – 3** **DBMS LAB**	http://www.egyankosh.ac.in/handle/123456789/1278	

Videos

Basics of Database Management Systems	http://www.egyankosh.ac.in/youtubevideo.jsp?src=3PgPpVYSEfg&title=Basics%20of%20Database%20Management%20System	
DBMS – An Overview	http://www.egyankosh.ac.in/youtubevideo.jsp?src=iYjYrO0FF_U&title=Database%20Management%20System-An%20Overview	
Introduction to DBMS	http://www.egyankosh.ac.in/youtubevideo.jsp?src=1f34MwqUhx8&title=Introduction%20to%20DBMS	
Database System Architecture	http://www.egyankosh.ac.in/youtubevideo.jsp?src=uKJj3uc3c4g&title=Database%20System%20Architecture	

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RDBMS Concepts	http://www.egyankosh.ac.in/youtubevideo.jsp?src=PXs6BXzuE_E&title=Relational%20Database%20Management%20System%20Basic%20Concept	
DBMS – Normalization	http://www.egyankosh.ac.in/youtubevideo.jsp?src=2YUAbFAsUHs&title=Database%20Management%20System-Normalization	
Theory of Normalization	http://www.egyankosh.ac.in/youtubevideo.jsp?src=yIFxN8eXfe4&title=The%20Theory%20of%20Normalization	

Old Question Papers

MCA Old Question Papers	https://webservices.ignou.ac.in/Pre-Question/	

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eBooks (For Downloading)

eBook	URL	QR Code
Database Management Systems	http://www.ebooks-for-all.com/bookmarks/detail/Database-Management-Systems/onecat/Electronic-books+Computers+Databases/0/all_items.html	

Gyandhara

Gyandhara (Radio Counselling)	http://www.ignouonline.ac.in/gyandhara/	

University Website

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University Website	www.ignou.ac.in	
MCA Page	http://www.ignou.ac.in/ignou/aboutignou/school/socis/programmes/detail/174/2	

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