



Dayananda Sagar College of Arts, Science, and Commerce
Internal Quality Assurance Cell
Guest Lecture – Mobile Databases

Department: MCA

Date of Report: 3/7/2025

Sl. No.	Particulars	Event related Details			
1.	Event*	Guest Lecture			
2.	Title of the Event	Guest Lecture on "Mobile Databases"			
3.	Date of Conduction	3/7/2025	4.	Time :	9:30 AM to 11:30 AM
5.	Venue	Seminar Hall ,Building No 17, DSCASC			
6.	Resource Person 1 Details	Name : KOWSHIK RAO Designation : CTO Organization : VENTRIKS Email ID :Kowshik.ns@ventriks.com Mobile No :9513279666			
7.	Topics Covered	Mobile databases-online & offline databases, DB synchronization, token, web sockets, JSON			
8.	Resource Person 2 Details	NA			
9.	Topics Covered	NA			
10.	No. Faculty Participants	Internal:	01	External:	NIL
11.	No. Student Participants	Internal:	84	External:	NIL
12.	Faculty Coordinator/s	Name: Prof. Sailaja Bhaskar Murthy Designation ; Assistant Professor Department: Department of Computer Applications -BCA, DSCASC. Name: Prof. Kiran C K Designation: Assistant Professor, Department: Department of Computer Applications -BCA, DSCASC.			
13.	Student Coordinator/s	Full Name: Amulya, Ananya, Yadavacharya, Ravi Shankar Reg No: P03CJ24S126003, P03CJ24S126002, P03CJ24S126119, P03CJ24S126080 Class: I MCA 'A' & 'B'			
14.	Total Expenditure	₹5000/-	15.	Sponsors and Amount (if any)	NA
16.	Agenda of the Event		17.	Provide the link of the report uploaded on College Website	No
18.	Social Media Links	---	19.	Report sent to Newspapers? If yes, provide cuttings/images:	No
20.	Certificates Printed?	No	21.	Feedback Collected?	Yes
22.	Attendance Sheet Attached? #	Yes	23.	Photographs of the Event	Attached



24.	Summary of the Event	Department of MCA hosted a guest lecture titled "Mobile Databases" for the students of 2 nd Sem MCA Students. Mr. Kowshik provided an in-depth exploration of how data is managed and accessed on mobile devices, with a focus on connectivity models, data formats, synchronization methods, and storage strategies. The lecture emphasized the importance of designing mobile database systems with flexibility, efficiency, and user experience in mind. Choosing between local vs. cloud storage, handling synchronization intelligently, and securing data with tokens are critical components for robust mobile application development. Overall, the session was interactive and students participated actively.
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Sanjay
03/07/25
Event Coordinator

A. J. Prasad
3/7/25
IQAC Coordinator

Babu S
4/7/25
Principal

IQAC Co-ordinator
Dayananda Sagar College of Arts, Science & Commerce
Kumara: my Layout, Bengaluru - 560 111

Principal
Dayananda Sagar College of Arts, Science & Commerce
Kumeraswamy Layout, Bengaluru - 560 111



**DAYANANDA SAGAR COLLEGE OF ARTS
SCIENCE AND COMMERCE**

SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT-78

DEPARTMENT OF COMPUTER APPLICATIONS – MCA

GUEST LECTURE ON

MOBILE DATABASES

KOWSHIK RAO

Co-Founder , CTO at Ventriks.



**BUILDING NO: 17
SEMINAR HALL**

**3rd JULY, 2025
9:30 TO 11:30 AM**



Dayananda Sagar College of Arts, Science, and Commerce

Internal Quality Assurance Cell

Guest Lecture – Mobile Databases

Department : MCA

Date of Report:3/7/2025





DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Kumaraswamy Layout, Bangalore - 560111
(Affiliated to Bangalore University, Approved by AICTE, NAAC Accredited)
Internal Quality Assurance Cell

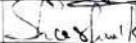
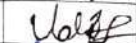
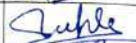
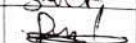
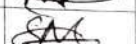
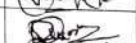
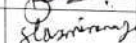
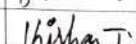
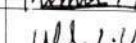
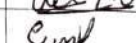
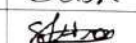
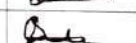
Name of the Activity: Guest Lecture on Mobile Databases

Department: Department of Computer Applications - MCA

Date: 03.07.2025 Time: 9.30 to 11.30 AM

Sl.No.	Student Name	Reg. No.	Dept.	Signature
01	Pushpaktha .T	77	MCA	Pushpaktha .T
02	Hansika .B	41	MCA	Hansika .B
03	Sahana .Patil	83	MCA	Sahana .Patil
04	Veena .B .B	115	MCA	Veena .B .B
05	Noor Fathema	068	MCA	Noor Fathema
06	Sahana S B	084	MCA	Sahana S B
07	Neha V	062	MCA	Neha V
08	Yashaswini . E	120	MCA	Yashaswini . E
09	Sneha .N .S	104	MCA	Sneha .N .S
10	Prathusha	073	MCA	Prathusha
11	Hemalatha .B .S	40	MCA	Hemalatha .B .S
12	Usha .B .A	119	MCA	Usha .B .A
13	Rasika Mala .K	079	MCA	Rasika Mala .K
14	Vyshnavi .G	116	MCA	Vyshnavi .G
15	Usha .S .P	111	MCA	Usha .S .P
16	SHARATH .S	088	MCA	SHARATH .S
17	YASHASWINI .N	118	MCA	YASHASWINI .N
18	SUSHMITHA .S	94	MCA	SUSHMITHA .S
19	SUSHMA	93	MCA	SUSHMA
20	Shreya Yavagal	95	MCA	Shreya Yavagal
21	Polyanka .Rayagi	76	MCA	Polyanka .Rayagi
22	Vaishnavi	113	MCA	Vaishnavi
23	Navyashree KN	64	MCA	Navyashree KN
24	SPANDHANA LOKESH	91	MCA	SPANDHANA LOKESH
25	Nidhi .Deshpande	65	MCA	Nidhi .Deshpande
26	TANMAY .R	108	MCA	TANMAY .R
27	Shruggani .Venkatesh .Patil	89	MCA	Shruggani .Venkatesh .Patil
28	Sudeep Gopalbal	99	MCA	Sudeep Gopalbal



Sl.No.	Student Name	Reg. No.	Dept.	Signature
29	Sudeep Kharvi	100	MCA	
30	Nithesh Gowda	67	MCA	
31	Shashank B.S.C	090	MCA	
32	Udith B.R	109	MCA	
33	Swathi V Nair	101	MCA	
34	Ranjana Kumar Verma	78	MCA	
35	Saurav Gupta	86	MCA	
36	Santosh K.C	87	MCA	
37	p.punith kumar 33	70	MCA	
38	Pranav Bhat	75	MCA	
39	Sudeep.S	72	MCA	
40	prajwal Acharya	71	MCA	
41	prajwal Nayak NS	72	MCA	
42	Naveen Kumar M	69	MCA	
43	Shiva Radde	98	MCA	
44	Vishwas Rokopal	117	MCA	
45	Rushikesh Shahapurkar	081	MCA	
46	Laxminarayan	82	MCA	
47	T.A. Kishan	107	MCA	
48	ULLAS.L.U	110	MCA	
49	Sunil M	103	MCA	
50	Santhosh M	85	MCA	
51	Sumam Ghosh	102	MCA	
52	Suhails Ayub Khan	105	MCA	
53	Syed Ubaid	106	MCA	
54	Ravi Shankar A	080	MCA	
55	Yadavacharya	119	MCA	
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Sl.No.	Student Name	Reg. No.	Dept.	Signature
1	Bharathi G.K	19	MCA	Bharathi
2	Ananya.R	02	MCA	Ananya
3	Arundhati P	12	MCA	Arundhati
4	Kavyanjali S	49	MCA	Kavya
5	Bhavya.N	21	MCA	Bhavya
6	Basava Jyothi.V	20	MCA	Basava
7	M. Saranya	56	MCA	Saranya
8	Ananya.N	08	MCA	Ananya.N
9	Amulya.H	03	MCA	Amulya.H
10	Anuradha	01	MCA	Anuradha
11	Girish S	33	MCA	Girish
12	Harsha B	60	MCA	Harsha
13	Ashwini Timanna yadav	14	MCA	Ashwini
14	Keshava murthy .N.J	46	MCA	Keshava
15	Aarohan Kumar H.Y.	13	MCA	Aarohan
16	Chandana.N	24	MCA	Chandana
17	Chasadiya Manu H	35	MCA	Chasadiya
18	Arjun	16	MCA	Arjun
19	Junaid	59	MCA	Junaid
20	G. Ayappa Narikanta	37	MCA	G. Ayappa
21	Kirith R	55	MCA	Kirith
22	Bargav.S	22	MCA	Bargav
23	K. Said Ahmed	53	MCA	K. Said
24	GIRISH.R	36	MCA	GIRISH
25	Jaya vardhan Ramaraju M	44	MCA	Jaya vardhan
26	Bhargav B	23	MCA	Bhargav
27	K. udith nagavarma	51	MCA	K. udith
28	Bhaskar Kumar G	18	MCA	Bhaskar
29	Himanshu Raj	42	MCA	Himanshu
30	Varanhan.M	30	MCA	Varanhan
			MCA	
			MCA	
			MCA	
			MCA	

Event Coordinator Name: SATIAJA

Signature: Satija



FEEDBACK.

Today's session on mobile data base was really very useful for me. As it was a new topic for me I learned many new concepts like features of mobile DB, syncing, differentiate between local storage & cloud storage and many more.

Today's session was very knowledgeable. got to know more about Mobile App based database which are currently being used. Got to know about encryption and many more things about how data can be managed with much more security. Sir's approach on how it is currently used in industry was beneficial.

Today's session was held by Mr. Koushik Sir came from. Vutaka Company. He used to give an overview of Mobile Database Management System which is useful for our academic and career knowledge also. It is very nice to hear that what and all the applications used with different Databases. & knowaday what are the updates done in the Database to store wide/huge data rationally. I think it is helped me to understand the some concepts of Database & Mobile Database.

Today's session was about optimizing the database for mobile application. we learnt about encryption & decryption on database and also about authentication. Different types of databases.



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