NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GUEST LECTURE ON INTRODUCTION TO DATABASES AND AZURE DATA FACTORY FUNDAMENTALS

Report on: Guest Lecture on "Introduction to Databases and Azure Data Factory Fundamentals"

Date: 13th July 2024

Timing: 10:00 AM to 11:00

Mode: Offline

Venue: Falconry Hall, Subhas Chandra Bose Block, NHCE

**Faculty Programme
Co-Ordinator:**   A. KALAIVANI

                                 Sr. Assistant Professor

Convenor: Dr. V. Asha

                                 Professor and Head of Department of MCA

Resource Person: Ms. Sai Geetanjali Sornapudi

                                 Data Engineer

                                 TE Connectivity

Participants: MCA Students – II Semester

No. of participants: 160

Poster:

Objective:

The objective of the guest lecture on "Introduction to Databases and Azure Data Factory Fundamentals" was to equip participants with a foundational understanding of database management and data integration using Azure Data Factory. The importance and functionality of databases, including the different types, design principles, and basic SQL operations essential for managing and manipulating data was addressed. Additionally, the lecture was about the Azure Data Factory as a powerful cloud-based service for orchestrating and automating data movement and transformation. Through hands-on demonstrations and real-world use cases, participants would gain practical skills in creating databases, executing SQL queries, and building data pipelines with Azure Data Factory. This session provided the knowledge and tools necessary to effectively handle data in today's data-driven environment, preparing attendees for further exploration and application of these technologies in their professional roles.

Content:

- Introduction to Database
- Features of SQL query
- Azure Data factory Fundamentals
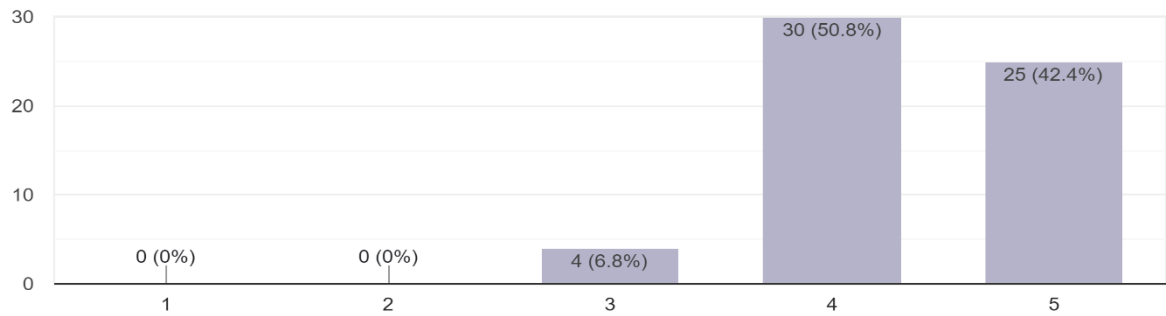- Hands on ADF pipeline
- Interaction with Students
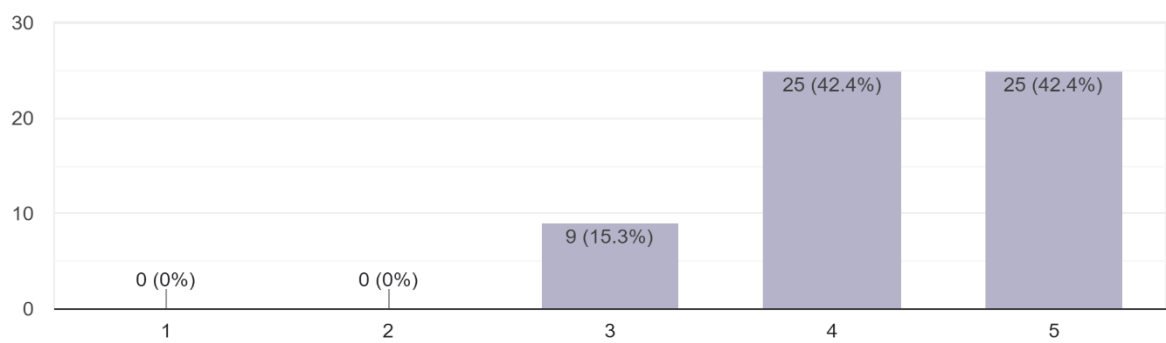
Photographs from the Session

Feedback from Students

How would you rate the lectures professionalism?
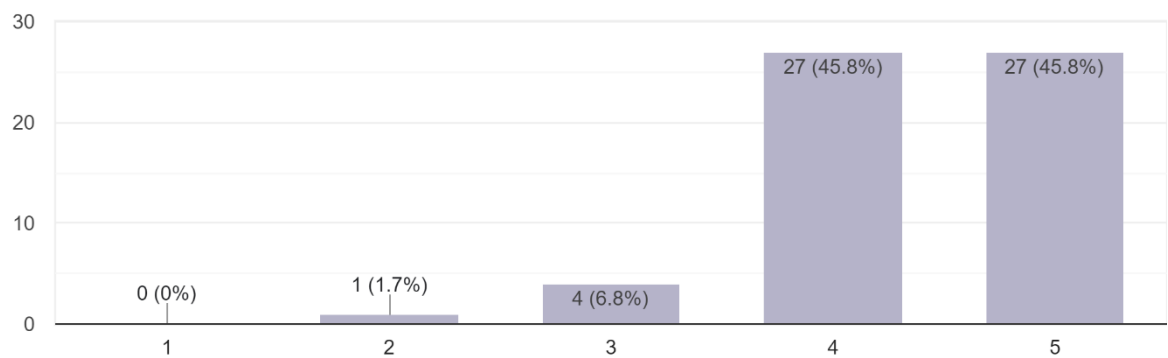59 responses

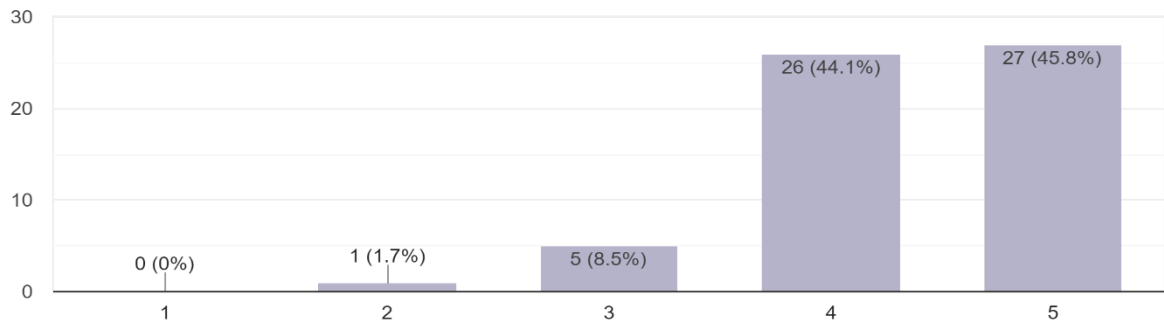## Were all the topics covered clear ?
59 responses

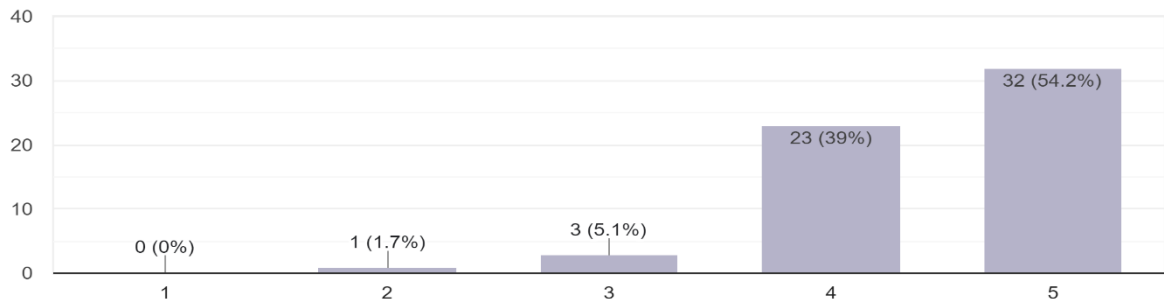## How relevant and appropriate was the content?
59 responses

Was the lecture understandable and easy to follow?
59 responses

How would you rate the communication skills and ability to deliver ?
59 responses

Outcome:

The guest lecture on "Introduction to Databases and Azure Data Factory Fundamentals" successfully provided attendees with a robust understanding of core database concepts and the foundational skills to use Azure Data Factory for data integration. Participants reported a clearer comprehension of different database types, fundamental SQL operations, and essential database design principles. The hands-on demonstrations of creating databases and building data pipelines in Azure Data Factory were particularly well-received, offering practical insights and boosting confidence in using these tools for real-world applications. The interactive Q&A session further enhanced learning, addressing specific queries and facilitating a deeper discussion on the practical challenges and solutions related to database management and data integration. Overall, the lecture achieved its goal of equipping participants with the knowledge and skills needed to effectively manage and integrate data in a professional context.

Faculty Co-Ordinator   HOD-MCA

New Horizon College of Engineering
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS
EVEN SEMESTER - 2023-24
SEMESTER II - B SECTION
Guest Lecture topic "Introduction to Databases and Azure Data Factory Fundamentals
Dt : 13.07.2024

SI No.	USN	Student Name	Signature
1	1NH23MC061	HEMANTH K	Hemanth K
2	1NH23MC062	HIMAVARDHAN R	
3	1NH23MC063	IBRAHIM PASHA J	
4	1NH23MC064	JAYASHRI H V	Jay H.V
5	1NH23MC065	JEEVAN R	Jeevan
6	1NH23MC066	K T DINESHA	
7	1NH23MC067	K VINISHA	Vnish
8	1NH23MC068	KALLURI MASTHAN BASHA	Basha
9	1NH23MC069	KANDULA SIVA NARAYANA REDDY	Siva
10	1NH23MC070	KAPOPARA HARSH MAHESHBHAI	
11	1NH23MC071	KARTHIK TIMMAPPA NAIK	
12	1NH23MC072	KIRAN M SHET	Kiran
13	1NH23MC073	KIRAN R	Kiran.R
14	1NH23MC074	KOLLURU BALA VENKATA NAGA NITHIN	
15	1NH23MC075	KOUSHIK H K	
16	1NH23MC076	KRUTHIKA V	Kruthika
17	1NH23MC077	KUNAL KUMAR MANDAL	
18	1NH23MC078	KUNAPUREDDY GOPI KRISHNA	
19	1NH23MC079	KURAPARTHI MAHESWAR REDDY	K Mahesh
20	1NH23MC080	KWAZA MOHINUDDIN	
21	1NH23MC081	LATHA U S	Latha US
22	1NH23MC082	LAXMI N	Leee
23	1NH23MC083	M SAIKUMAR	
24	1NH23MC084	M V VISHAL	
25	1NH23MC085	MADHU R	Madhu
26	1NH23MC086	MANJUNATHA	
27	1NH23MC087	MANOJ KUMAR S	
28	1NH23MC088	MANOJ S	Manoj
29	1NH23MC089	MARAM REDDY RAMOJI REDDY	
30	1NH23MC090	MIRZA HUJAIFA	Mirza Hujaif
31	1NH23MC091	MOHAMMED RIZWAN	
32	1NH23MC092	MONIKA KUMARI	Monika Kumari
33	1NH23MC093	MONISH K	
34	1NH23MC094	MONU KUMAR YADAV	Monu Yadav
35	1NH23MC095	MORA SIVANI	M Sivani
36	1NH23MC096	MRUTYUNJAY SAHOO	
37	1NH23MC097	N KRUTHIKA	N.Kruthika
38	1NH23MC098	NARASIMHARAJU H R	Narasimha
39	1NH23MC099	NIRANTH BHARADWAJ	Niranth
40	1NH23MC100	NISHI SINGH	Nishi Singh
41	1NH23MC101	PALLAVI S	Pallavi
42	1NH23MC102	PARTHIBAN E	Parthiban E
43	1NH23MC103	PAVAN S REDDY	Pavan S Reddy
44	1NH23MC104	PAWAN KUMAR	
45	1NH23MC105	POOJA MANWANI	Pooja
46	1NH23MC106	POOJARI VISHAL BHASKAR	Vishal
47	1NH23MC107	PRAJWAL RAJENDRA METAGUDDA	Prajwal
48	1NH23MC108	PRANAV DEV	Pranav
49	1NH23MC109	PRANJAL UTKARSH	
50	1NH23MC110	PRATHAMESH M PATIL	Mpatil
51	1NH23MC111	PRATHIKSHA NISHAD	Prathiksha
52	1NH23MC112	PRATHVIRAJ	Prathviraj
53	1NH23MC113	PREETHIKA K S	
54	1NH23MC114	PRIYANKA KUMARI	Priyanka
55	1NH23MC115	RAHUL	RS
56	1NH23MC116	RAHUL B KABBIN	Rahul
57	1NH23MC117	RAHUL SHANTINATH SHANKARGOUD	Rahul S
58	1NH23MC118	RAJESHWARI	Rajeshwari
59	1NH23MC119	RAJIV KUMAR	
60	1NH23MC120	RAKSHITA NADAGOUD	
61	1NH23MC121	RANGANATH N T	

A. Kalaivani
Faculty Incharge

HOD MCA

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EVEN SEMESTER - 2023-24
SEMESTER II - A SECTION
Guest Lecture topic "Introduction to Databases and Azure Data Factory Fundamentals
Dt : 13.07.2024

Sl No.	USN	Student Name	Signature
1	1NH23MC001	ABHAY ADITYA SINHA	
2	1NH23MC002	ABHISHEK RAI	Abhay
3	1NH23MC003	ABI KRISHNAN R	Abhishek
4	1NH23MC004	ADITYA M	Adityaa
5	1NH23MC005	AFZAL KHAN	Khans
6	1NH23MC006	AHSAAN UL HAQ	
7	1NH23MC007	AKASH P	Akash.p
8	1NH23MC008	AKASH SHARMA	
9	1NH23MC009	AKSHAY BHARADWAJ S	S. Akshra
10	1NH23MC010	AMARNATHA PATRO	Amarnath.
11	1NH23MC011	AMIT YADAV V	
12	1NH23MC012	AMRATHA DEVADIGA	Authe
13	1NH23MC013	AMRIT MOHAPATRA	Amrit
14	1NH23MC014	AMRUTHA M	amrutha
15	1NH23MC015	ANGEL CHRISTINA	
16	1NH23MC016	ANIKET KUMAR	
17	1NH23MC017	ANKITHA H V	Anku
18	1NH23MC018	ANMOL GUPTA	
19	1NH23MC019	ANURAG KAKOTI NATH	Anuragkmath
20	1NH23MC020	ANUSHKA GEHLOT	Grehlot
21	1NH23MC021	ARAVINDH J	J.A
22	1NH23MC022	ARPITA S KULKARNI	A.S.Kull
23	1NH23MC023	ARPITH K	
24	1NH23MC024	ARPITH P A	Pre
25	1NH23MC025	ARPITHA M S	
26	1NH23MC026	ASHISH M	Ashi
27	1NH23MC027	ASHISH M KUMAR	Ashok On
28	1NH23MC028	ASWATHI C T	
29	1NH23MC029	AYUSH RAJ	Ayush Raj
30	1NH23MC030	BALBHEEM	Bbee.
31	1NH23MC031	BASAVARAJ	BB
32	1NH23MC032	BHANUREKHA N	
33	1NH23MC033	BHARATH GOWDA A	Br gg
34	1NH23MC034	BHARATH V	Bharath V
35	1NH23MC035	BHATT VATSAL SHAILESH KUMAR	Vatsal
36	1NH23MC036	BHAVYA M	Bhavya m
37	1NH23MC037	BHIMA KALYAN KUMAR	
38	1NH23MC038	BHOOMIKA H	Bhoomika
39	1NH23MC039	C LAVANYA	Lavanya
40	1NH23MC040	CHAITHRA V	ChaithraN
41	1NH23MC041	CHAITRA O G	
42	1NH23MC042	CHANDAN RAO N	
43	1NH23MC043	CHANDAN S	
44	1NH23MC044	CHIRANTHAN B	Chiru
45	1NH23MC045	DEEPAK A	Deepak. A.
46	1NH23MC046	DEVA SREE KANTH	D. Shri
47	1NH23MC047	DIKSHIT NAIK	Dikshit
48	1NH23MC048	DINESH K S	Dinesh
49	1NH23MC049	DIVYASHREE N R	Divyanr
50	1NH23MC050	DURGA PRASAD R C	durga
51	1NH23MC051	G KIRAN KUMAR	Kiran
52	1NH23MC052	GARV KUMAR	Garv
53	1NH23MC053	GAYATHRI K	K.UP.
54	1NH23MC054	GIRISH KULER	Gik
55	1NH23MC055	GIRISH R	Girish
56	1NH23MC056	GOWTHAM S	Slt
57	1NH23MC057	GUNDLLAPALLI JEEVITH	G.Jee
58	1NH23MC058	H JAYANTH	H.Jayanth
59	1NH23MC059	HARSHITHA D G	Harshit
60	1NH23MC060	HARSHITHA V PATIL	Hath

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SEMESTER II - C SECTION
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Sl No.	USN	Student Name	Signature
1	1NH23MC122	RANI KUMARI	
2	1NH23MC123	RASHI JAIN	Rani Kumari
3	1NH23MC124	RAVI TEJ S	Rashi
4	1NH23MC125	REVATHY K	Jartej
5	1NH23MC126	ROHITH CHENRAYAN	K.Revathy
6	1NH23MC127	SACHIN K S	Rovith. c
7	1NH23MC128	SAI SRINIVASULU REDDY C H	Sachin K.J.
8	1NH23MC129	SANJEEV SANGAPPA HANCHINAL	
9	1NH23MC130	SANJITHA N S	
10	1NH23MC131	SARANA FATHIMA	Sarana
11	1NH23MC132	SATYA PRIYAM	Satya Priyam
12	1NH23MC133	SHAAMKUMAR S	S. Shaam
13	1NH23MC134	SHAIK KHASIM BASHA	
14	1NH23MC135	SHAIK SADIK BASHA	
15	1NH23MC136	SHAJEETH A S	
16	1NH23MC137	SHAMA M U	Shama M.U.
17	1NH23MC138	SHARON J PEREIRA	
18	1NH23MC139	SHASHANK GOWDA D B	D.B
19	1NH23MC140	SHASHWAT PRASAD	
20	1NH23MC141	SHEBIN ABDUL MUNEER	
21	1NH23MC142	SHRIPURNA GOTHE	Shripurna
22	1NH23MC143	SNEHA K A	4p. J.K.A
23	1NH23MC144	SNEHA N	
24	1NH23MC145	SOURAV KUMAR SHAW	
25	1NH23MC146	SOWMYA R	Sowmya R.
26	1NH23MC147	SRIVATHSA S	
27	1NH23MC148	SUDEEP KUMAR A L	Sadeepkumar.A.
28	1NH23MC149	SUDHANSU SAHOO	
29	1NH23MC150	SUDHARSAN S	
30	1NH23MC151	SUMAN FERNANDES	Suman
31	1NH23MC152	SUMIT CHAKRABORTY	Sumit
32	1NH23MC153	SUPRIYA KUMARI	Supriya Kumari
33	1NH23MC154	SUSHANTH S M	
34	1NH23MC155	SUTHAR BHOMARAM MEHATABRAM	
35	1NH23MC156	SWASTHIK	
36	1NH23MC157	SWASTI SWARUP MISHRA	
37	1NH23MC158	TANUSREE PAUL	T.Paul
38	1NH23MC159	TAPAN DAHAL	Tapan Dahal
39	1NH23MC160	TEJASHWINI VITTHALARADDI MUGANUR	Tejashwini V.M
40	1NH23MC161	THANUSHREE C S	Thanushree
41	1NH23MC162	TUSHAR TIMMANNA PATGAR	
42	1NH23MC163	UPENDRA P GURAV	UP
43	1NH23MC164	USADADIYA MUKESH DINESHBHAI	M
44	1NH23MC165	VADDI SAI GOWTHAM	V. Growtham
45	1NH23MC166	VAISHNAVI NEELAKANTH ANKAD	
46	1NH23MC167	VEERESH	VR
47	1NH23MC168	VEMA VENKATA NAGA SAI PHANINDRA KUMAR	V V Phanind
48	1NH23MC169	VIDYA SANJEEV POOJARI	vidya
49	1NH23MC170	VIJAYALAKSHMI R MADRASI	Vijay
50	1NH23MC171	VINAYAKA M S	
51	1NH23MC172	VINOD KUMAR BHEEMAPPA TALAWAR	Vino
52	1NH23MC173	VINUTADEVI	Vdevi
53	1NH23MC174	VISHAL PANDEY	Vishal
54	1NH23MC175	VISHAL RAJ	Vishal Raj
55	1NH23MC176	YASHAS M E	Yashas
56	1NH23MC177	YASHWANTH KUMAR M	YKM
57	1NH23MC178	YASHWANTH M B	
58	1NH23MC179	YATHRIK D SHETTY	
59	1NH23MC180	YAZHINI A P	
60	1NH23MC181	YESHWANTH T N	Yeshwanth T.N
61	1NH23MC182	YUVARAJ V	

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