NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)

Department: CSE   **Date: August 19 – Sep 06, 2024**

A CSR initiative sponsored by
IBM

REPORT ON

Youth Empowerment

"Certificate Course on Artificial Intelligence and Cyber Security"

26th March 2025 – 29th March 2025

ORGANIZED BY

Department of Computer Science & Engineering

Nalla Narasimha Reddy Group of Institutions
(UGC Autonomous)

Organizers: 1. Dr. K. Rameshwaraiah, Convener, SPOC, Professor & Head-CSE

2. Dr. S. Sree Hari Raju, Coordinator, Associate Professor, CSE

3. Ms. Ch. Ramya, Mentor, Assistant Professor, CSE

Resource Person(s): 1. *Arepally Sai Shanthan*   *2. Nimanagoti Priya*
Managing Director   Security Analyst
BAV Castle Private Limited   BAV Castle Private Limited

3. *Madhu Sanjeevi*
Generative AI, AIML, Data Science,
Security & AI Trainer
DEGEN DEN Academy

NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)

EAMCET/ECET/ICET/PGECET Code NNRG

Expression of Interest

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S
GROUP OF INSTITUTIONS
(Integrated Campus, Approved by AICTE & PCI, New Delhi & Affiliated to JNTUH, Hyderabad)
(UGC AUTONOMOUS INSTITUTION)

ICTACADEMY

EXPRESSION OF INTEREST

College Name : Nalla Narasimha Reddy Education Society's Group of Institutions Integrated Campus (UGC Autonomous Institution)

Location : Chowdariguda(V),Korremula 'X'Road,Ghatkesar(M)

District : Medchal(D)

State : Telangana

With reference to the communication seeking Expression of Interest from ICT Academy, we hereby confirm our willingness to be an implementation institution for ICT Academy and IBM Advanced IT Skills Program. We prefer to get our students trained and certified in AI/CS Skills

We confirm the following.

1. We confirm that our institution will nominate **120 UG** Students from final year graduating (2025 Passing Out).

2. We confirm providing **42** Hours of the training schedule and necessary infrastructure facilities for the (16 Self Learning, 24 Live ILT classes, 2 hours of post assessment).

3. We ensure students complete **42** Hours of training on the course on Technology specified by ICT Academy.

   - ILT training (24 hours) Schedule as follows,
     From Date: 26-03-2025 to Date: 28-03-2025

4. We confirm to nominate 2 Faculty Members as part of this program along with this sheet.

5. We ensure that there will not be any dropouts from the nominated list of students.

6. We confirm that the nominated faculty members will be part of the training program and will facilitate student involvement and participation.

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GROUP OF INSTITUTIONS

(Integrated Campus, Approved by AICTE & PCI, New Delhi & Affiliated to JNTUH, Hyderabad)

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7. We confirm to facilitate Student training, Assessments, and Volunteering Sessions and Placement activities to be organized by ICT Academy and IBM under this initiative.

8. We confirm to complete this Advanced IT Skills Program successfully on before 31st March' 2025.

Please find below the nominated 2 faculty member details:

Faculty 1	Name	Ch.Ramya
	Designation	Assistant Professor
	Department	CSE
	Contact No.	9963138873
	Email ID	ramya.ch@cse.nnrg.edu.in
Faculty 2	Name	M.Vijayakanth
	Designation	Assistant Professor
	Department	CSE
	Contact No.	9502426985
	Email ID	Vijayakanth.m@cse.nnrg.edu.in

Signature with Seal of Principal
DIRECTOR
Nalla Narasimha Reddy Education Society's
Group of Institutions
Chowdariguda (V), Ghatkesar (M),
Medchal-Malkajgiri (Dist.) T.S-500 088

NALLA NARASIMHA REDDY
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Youth Empowerment Invitation

NALLA NARASIMHA REDDY GROUP OF INSTITUTIONS
(UGC AUTONOMOUS)
Chowdariguda, Medchal (Dist.), Hyderabad – 500088.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Cordially invites you
For the Inaugural Function of
TRAINING PROGRAM
for
IBM SKILLS BUILD PROGRAM
on

"ARTIFICIAL INTELLIGENCE & CYBER SECURITY"

Resource Person's

Mr. Arepally Sai Shanthan	**Ms. Nimanagoti Priya**	**Mr. Madhu Sanjeevi**
Managing Director	*Security Analyst*	*Security & AI Trainer*
BAV Castle Private Limited	*BAV Castle Private Limited*	*DEGEN GEN Academy*
Telangana, India.	*Telangana, India*	*Telangana, India*

Date & Time: 26th March 2025 @ 09:30 AM

Venue: Conference Hall, Ground Floor.

Sri Nalla Narasimha Reddy	**Mr. Nalla Prashanth Reddy**
Chairman	*Vice Chairman*
Nalla Narasimha Reddy Group of Institutions	*Nalla Narasimha Reddy Group of Institutions*
Dr. C. V. Krishna Reddy	**Dr. G. Janardhana Raju**
Director	*Dean – SoE*
Nalla Narasimha Reddy Group of Institutions	*Nalla Narasimha Reddy Group of Institutions*
Dr. K. Rameshwaraiah	**Mr. B. Gopal Reddy**
Convener & Head-CSE	*State Head, TS*
Nalla Narasimha Reddy Group of Institutions	*ICT Academy*

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Accredited by

Youth Empowerment Agenda

Nalla Narasimha Reddy Education Society's Group of Institutions

Inauguration Program Agenda

Department of Computer Science & Engineering

Organizing

TRAINING PROGRAM
for
IBM SKILLS BUILD
on
Artificial Intelligence & Cyber Security
26th March 2025 @ 09:30 AM

Program Agenda:

Time	Activity
09:30 AM to 09:40 AM	Inviting Guest on the Dias
09:40 AM to 09:45 AM	Jyothi Prajwalana & Invocation Song
09:45 AM to 09:50 AM	Welcome Address Dr. K. Rameshwaraiah Convener & Head-CSE
09:50 AM to 09:55 AM	Inaugural Address Dr. G. Janardhana Raju Dean-SOE
09:55 AM to 10:00 AM	Chief Guest Address Mr. B. Gopal Reddy State Head, ICT Academy
10:00 AM to 10:05 AM	Special Address Dr. C. V. Krishna Reddy Director, NNRG
10:05 AM to 10:10 AM	Introduction about Trainers
10:10 AM to 10:15 AM	Vote Of Thanks Ms. Ch. Ramya
10:15 AM to 10:30 AM	Photo Session 1. Group photo with Students 2. Group Photo with Mentors 3. Training Session
10:30 AM to 10:40 AM	Launch of Training Program (CC-II & III, First Floor)

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Session Plan for Program

Advanced IT Skills Training - A CSR Initiative by IBM India Pvt Ltd							
Nalla Narasimha Reddy Education Societys Group of Institutions						**BATCH ID :G4501**	
Trainer Name : Mr.Madhu Sanjeeve		**Start Date : 26-03-2025**		**End Date : 29-03-2025**			
Microsoft Azure Data Engineer - IBM - 26 Hrs				ICTACADEMY			
Sno	**Topic**	**Subtopic**	**Methodology**	**Duration(In Hours)**		**Date**	**sign**
1	Get started with Azure AI Services	Define Artificial intelligence and AI related terms	Lecture, Discussion	1			
		Create and consume Azure AI services					
		Provide Azure AI service resources, use rest API and SDK					
		Lab: Use Azure AI services	Hands on	1			
2	Azure AI Services, Security, Containers	Consider Authentication, Implementing network security	Lecture, Discussion	1			
		Exercise: Manage Azure AI Services security	Hands on	1			
		Introduction Monitor cost, Create alerts, view Metrics, Manage diagnostic logging	Lecture, Discussion	1			
		Understanding Container, Use Azure AI services containers	Lecture, Discussion	1			
		Lab: Monitor Azure AI services & Use a Container	Hands on	1			
3	Create computer vision solutions with Azure AI Vision	Provision Azure AI vision resources, Analyse an Image,Generate a	Lecture, Demonstration,	1			
		Lab: Analyze images with Azure AI Vision	Hands on	1			
		Identify options for face detection analysis and identification, understand considerations for face analysis, Detect faces with the	Lecture, Demonstration,	1			
		Exercise - Detect, analyze, and identify faces	Hands on	1			
		Explore Azure AI Vision options for reading text	Lecture, Discussion and hands-on	1			
		Use the Read API, Exercise - Read text in images, Understand Azure Video Indexer capabilities					
		Use Video Analyzer widgets and APIs					
		Lab - Analyze video	Hands on	1			
		Provision an Azure AI Language resource					
		Detect language, extract key phrases, Analyze sentiment, Extract	Lecture, Discussion	1			

15	3	Create computer vision solutions with Azure AI Vision	Provision Azure AI vision resources, Analyse an	Lecture, Demonstration,	1		
16			Lab: Analyze images with Azure AI Vision	Hands on	1		
17			Identify options for face detection analysis and identification, understand considerations for face analysis, Detect faces with	Lecture, Demonstration,	1		
18							
19			Exercise - Detect, analyze, and identify faces	Hands on	1		
20			Explore Azure AI Vision options for reading text	Lecture, Discussion and hands-on	1		
21			Use the Read API, Exercise - Read text in images, Understand Azure Video Indexer capabilities				
22			Use Video Analyzer widgets and APIs				
23			Lab - Analyze video	Hands on	1		
24	4	Develop natural language processing solutions with Azure AI Services	Provision an Azure AI Language resource				
25			Detect language, extract key phrases, Analyze sentiment,	Lecture, Discussion	1		
26			Lab: Analyst text	Hands on	1		
27			Compare question answering to Azure AI Language understanding	Lecture, Discussion	1		
28			Understand resources for building a conversational language understanding model				
29			Improve question answering performance				
30			Lab - Create a question answering solution	Hands on	1		
31			Define intents, utterances, and entities	Lecture, Demonstration, Hands on	1		
32			Use patterns to differentiate similar utterances				
33			Train, test, publish, and review a conversational language				
34			Lab - Build an Azure AI services conversational language	Hands on	1		
35			Understand language detection, translation, and	Lecture, Demonstration	1		
36			Define custom translations				
37			Use the Azure AI Speech to Text API	Lecture, Demonstration	1		
38			Configure audio format and voices				
39			Use Speech Synthesis Markup Language				
40			Exercise - Create a speech-enabled app	Hands on	1		
41			Provision an Azure resource for speech translation	Lecture, Demonstration, Hands on	1		
42			Translate speech to text				
43			Synthesize translations				
44			Lab - Translate text with the Azure AI Translator service	Hands on	1		
45			ASSESSMENT		2		
46			**TOTAL HOURS**		**26**		

COLLEGE SEAL   PRINCIPAL SEAL & SIGNATURE

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NNRG Integrated Campus

EAMCET/ECET/ICET/PGECET Code **NNRG**

IBM | Advanced IT Skills Training - A CSR Initiative by IBM India Pvt Ltd | ICTACADEMY®

Institution Name : Nalla Narasimha Reddy Education Societys Group of Institutions | **Start Date :** 26-03-2025

Trainer Name : Ms. NIMANAGOTI PRIYA | **End Date:** 29-03-2025

Course Name : Cybersecurity | **Batch id :** G4506

Sno	Chapter	PlanCode	Subtopic	Methodology	Session Duration	Training Date	Trainer Signature
1	Introduction to Cybersecurity	Introduction to Cybersecurity	Introduction to Cybersecurity	Lecture	1		
2	Introduction to Cybersecurity	Introduction to Cybersecurity	World of Cybersecurity	Lecture	1		
3	Introduction to Cybersecurity	Introduction to Cybersecurity	Organizational Data	Lecture	1		
4	Introduction to Cybersecurity	Introduction to Cybersecurity	Cyber Attackers	Lecture	1		
5	Introduction to Cybersecurity	Introduction to Cybersecurity	Cyberwarfare	Lecture	1		
6	Endpoint security	Endpoint security	Cybersecurity Threats, Vulnerabilities, and Attacks	Lecture	1		
7	Endpoint security	Endpoint security	Wireshark practicals	Lecture & Hands on	1		
8	Endpoint security	Endpoint security	Securing Networks	Lecture	1		
9	Endpoint security	Endpoint security	Network Security Infrastructure	Lecture	1		
10	Endpoint security	Endpoint security	System and Endpoint Protection (Local firewall settings)	Lecture & Hands on	1		
11	Endpoint security	Endpoint security	Cybersecurity Principles, Practices, and Processes	Lecture	1		
12	Network defense	Network defense	Understanding Defense	Lecture	1		
13	Network defense	Network defense	System and Network Defense	Lecture & Hands on	1		
14	Network defense	Network defense	Nmap practicals	Lecture & Hands on	1		
15	Network defense	Network defense	Firewall Technologies	Lecture & Hands on	1		
16	Network defense	Network defense	Zone-Based Policy Firewalls	Lecture	1		
17	Network defense	Network defense	Cryptography	Lecture	1		
18	Network defense	Network defense	Technologies and Protocols	Lecture	1		
19	Cyber threat management	Cyber threat management	Burp Suite and Nikto practicals	Lecture & Hands on	1		
20	Cyber threat management	Cyber threat management	Network Security Testing and tools	Lecture & Hands on	1		
21	Cyber threat management	Cyber threat management	Threat Intelligence	Lecture	1		
22	Cyber threat management	Cyber threat management	Endpoint Vulnerability Assessment	Lecture & Hands on	1		
23	Cyber threat management	Cyber threat management	Risk Management and Security Controls	Lecture	1		
24	Cyber threat management	Cyber threat management	Digital Forensics and Incident Analysis and Response	Lecture & Hands on	1		
	Final Assessment				2		

Signature of the Trainer   **SPOC Signature & College Seal**

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Student Participating List

Attendance Sheet

Institution Name :Nalla Narasimha Reddy Education Societys Group of Institutions												
Course Name :Artificial Intelligence				Start Date :26-03-2025			End Date :29-03-2025					
Trainer Name :Mr. Madhu Sanjeeve				Batch id : G4501								

Note : Students should sign for Present and 'A' for Absent.

S.No	Reg id	Student Name	26-Mar										
1	243571	Sai Rithikagilkapally											
2	243573	Pranavijakkula											
3	243576	Tharunrajireddy											
4	243580	Nikithakommula											
5	243584	Swethasolipuram											
6	243596	Sriram Siddarthakarra											
7	243597	Niteesh Kumarmamilla											
8	243605	Karthikkannekanti											
9	243613	Minishp											
10	243635	Sayamollapavan Kumar											
11	243643	Nikhilmadas											
12	243649	Saisheshurevanwar											
13	243650	Rashmithakotha											
14	243652	Sai Poojithajerripothula											
15	243657	Shaiknazma											
16	243689	Akshith Reddychintalpally											
17	243694	Ram Harshithmummadi											
18	244151	Pavan Kumarradandi											
19	244178	Sahithimarella											
20	244223	Sunayanakesara											
21	244313	Priya Bhandavithanda											
22	244332	Nikithaganji											
23	244346	Thanusreetulasi											
24	244454	Karupothuladivyanka											
25	244574	Pajjuri Charan Tejareddy											
26	244576	Chakravarthibhimanadha											
27	244655	Narasimha Rajugolanukonda											
28	244821	Akshara Reddykondakindi											
29	244891	Varshithakesireddy											
30	244908	Chandukanakati											
31	244933	Kavya Reddyyasa											

S.No	Roll No	Name														
31	244933	Kavya Reddyyasa														
32	244957	Vishnutejamekala														
33	244966	Likithasunchu														
34	245155	Gandham Roshinigandham														
35	245191	Navaneethaseetha														
36	245408	Ahmedmohammed														
37	245462	Ruchithakanaparthi														
38	245540	Vishnu Priyapenugonda														
39	245599	Pravalikasama														
40	245693	Aishwariyachoudhary														
41	245833	Ravitejabejjanki														
42	245838	Swathigunnala														
43	245842	Sindhujajalapally														
44	245855	Kshuthijahaibate														
45	245950	Ramprasadmukkera														
46	246018	Sai Sridhar Naidusirigineedi														
47	246122	Tharunmamidala														
48	246160	Biradarrinda Sree														
49	246171	Karthikbayya														
50	246220	Rishikakondle														
51	246225	Rahityakaramchedu														
52	246282	Nitin Reddykamsani														
53	246291	Kummarivamshi														
54	246297	Hemanth Saimotupalli														
55	246320	Pathlavathganesh														
56	246323	Pramod Heraldkatti														
57	246353	Bala Manikantakalidindi														
58	246568	Umaboddu														
59	246660	Navneethgeeturi														
60	247109	Shiva Prasadganga														
No.of Hours Per Day																
No. of Students Present																
No .of Students Absent																
Trainer Signature																
Seal & Signature of the SPOC																

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Attendance Sheet

Institution Name :Nalla Narasimha Reddy Education Societys Group of Institutions

Course Name :Cybersecurity | Start Date :26-03-2025 | End Date :29-03-2025

Trainer Name :Ms.NIMANAGOTI PRIYA | Batch id : G4506

Note : Students should sign for Present and 'A' for Absent.

S.No	Reg id	Student Name	26-Mar												
1	243339	Lathabethelli													
2	243347	Sriveenapakala													
3	243374	Suryatejachirala													
4	243380	Bhargavimetta													
5	243384	Priyankasriram													
6	243387	Nikhithasurasani													
7	243390	Prathyushapisati													
8	243394	Papagarideepika													
9	243395	Shreejayerla													
10	243402	Darshanavijay													
11	243405	Nandinidevarakonda													
12	243407	Sruthijadhav													
13	243412	Savithagujje													
14	243413	Srilasyathota													
15	243415	Srikanththirumani													
16	243424	Kavyabonakurthi													
17	243427	Pranithateljeru													
18	243434	Raginisathu													
19	243435	Akhileshelukapelli													
20	243437	Jahnavigadamsetty													
21	243438	Sanganiraju													
22	243440	Shanthi Sreependyala													
23	243441	Satyasribandla													
24	243452	Mohammedsammad													
25	243453	Sai Chaitanyagunti													
26	243455	Sathvikakaramsetty													
27	243457	Yedlajayanthi													
28	243458	Ramcharantejpandilla													
29	243460	Shaik Javeedpasha													
30	243461	Akhil Kumarbejawada													
31	243463	Nitesh Kumarcherka													

S.No	Roll No	Name															
32	243468	Lakshmidurga Suharshamothukuri															
33	243470	Sri Lakshmipusapati															
34	243472	Vijay Kumar Reddyvaddepalli															
35	243484	Abhinavsherla															
36	243487	Singanaboinamanikanta															
37	243489	Hemanth Sai Charangundubogula															
38	243493	Koushik Kumarbingi															
39	243500	Sangamjoshna															
40	243501	Naveen Kumaraithagani															
41	243504	Deepthipandrapragada															
42	243505	Sunkarapavan Kalyan															
43	243514	Manusha Reddytheegala															
44	243519	Cheerasrikanth															
45	243526	Shivanidedavath															
46	243528	Udaya Sreepala															
47	243532	Sushanthteddu															
48	243533	Tauseefahmed															
49	243537	Javanthi Yadavvanguri															
50	243538	Shiva Tejakandlapally															
51	243545	Ramyamanga															
52	243551	Kalyanianna															
53	243552	Abhirambale															
54	243555	Udayasreenakka															
55	243556	Srikanthgalipelli															
56	243559	Manojpunna															
57	243560	Gaddamrajeev															
58	243563	Swethagoudakkala															
59	243564	Harinikothakapu															
60	243567	Kukkadapukeerthi															
No.of Hours Per Day																	
No. of Students Present																	
No .of Students Absent																	
Trainer Signature																	
Seal & Signature of the SPOC																	

Academic Year: 2024-2025

Activity: Certification Program on **"Artificial Intelligence & Cyber Security"**

Consolidated Report

As per the schedule in the department's academic plan, a Certification Program on **"IBM Skills Build Program"** was conducted from **26-04-2025** to **29-04-2025** students for a total of 120 students of IV – CSE, CSE (AI&ML), CSE (DS), & IT in which 80 are girls and 40 are boys under **"Youth Empowerment",** the program was conducted for **40 hours** in which 24 Hours for Offline and 16 Hours of Online, which is organized under A CSR Initiative by **IBM** and implemented by ICT Academy through college Institution's Innovation Council (IIC). **Mr. Arepally Sai Shanthan - Managing Director, BAV Castle Private Limited, Hyderabad, Telangana, Ms. Nimanagoti Priya, Security Analyst, BAV Castle Private Limited, Hyderabad, Telangana and Mr. Madhu Sanjeevi - Security & AI Trainer, DEGEN GEN Academy, Hyderabad, Telangana,** are the resource persons for the certification program.

26-04-2024: Started the inauguration of **"IBM Skills Build Program"** from **09:30 AM** to **10:30 AM** with an Inaugural Speakers Dr. K. Rameshwaraiah – Convener, SPOC, Professor & Head CSE, and Mr. B. Gopal Reddy – Head TS, ICT Academy are the inaugural speakers for the event and started the program with lighting of lamp and followed by the speakers addressed the students.

Dr. K. Rameshwaraiah – Convener, SPOC, Professor & Head CSE, started with welcoming all the dignitaries for the program, followed by talking about the importance of AI and Cyber Security in our day-to-day life.

Mr. B. Gopal Reddy – ICT Academy - State Head TS, explained the role of ICT Academy to students and how it is filling a gap between Educational Institutions and Industries.

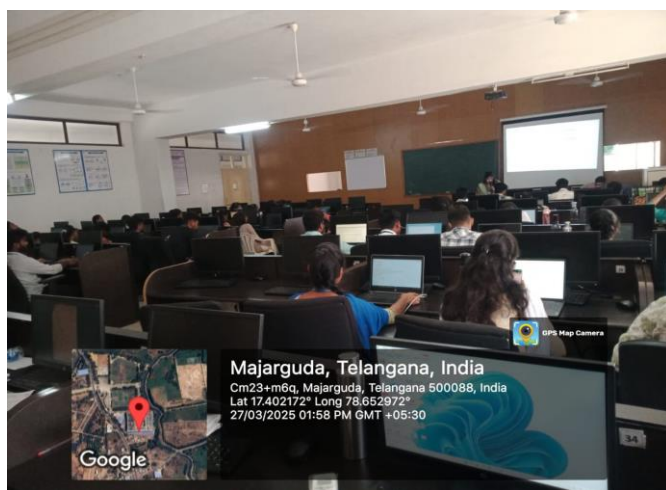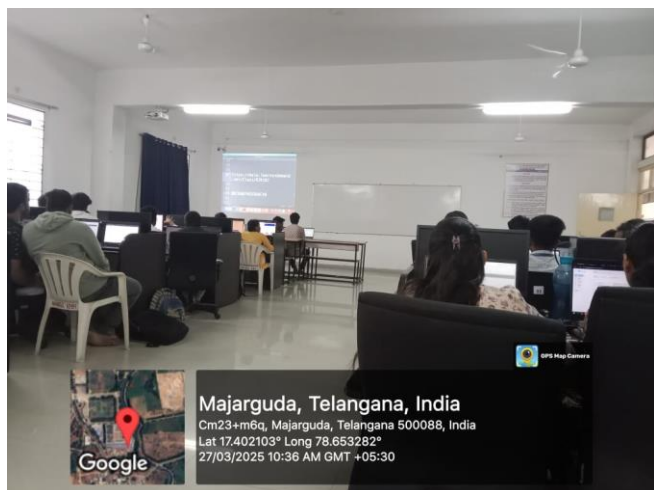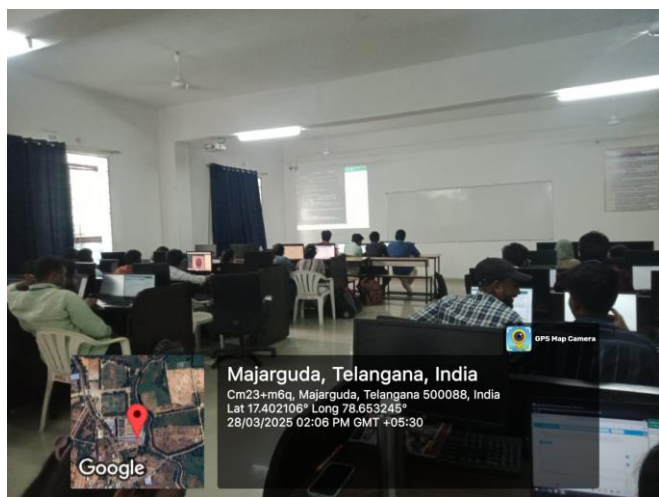After the Inauguration, both trainers started the session 1 of Day 1.

Inauguration Photos

Day-wise Session Photos

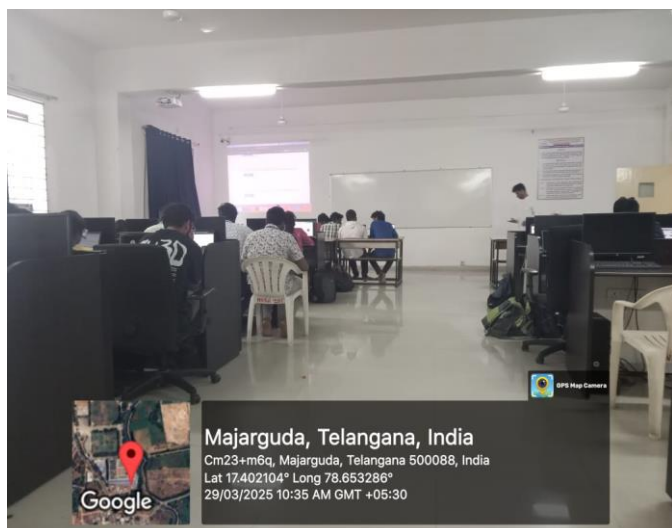Trainers started the session after the Inauguration and completed the topics as per the syllabus mentioned.

Day 1: 26-03-2025 (Session Photos)

Day 2: 27-03-2025 (Session Photos)

Day 3: 28-03-2025 (Session Photos)

Day 4: 29-03-2025 (Session Photos)

Students Attending the Assessment Test

VALEDICTORY SESSION PHOTOS

Dr. K. Rameshwariah, SPOC, Professor - Addressing the students

Mr. B. Gopal, State Head – ICT Academy, of Telangana – Addressing the students

Students showing gratitude to trainers by presenting a token of Appreciation to Mr. B. Gopal, Nimanagoti Priya, Arepally Sai Shanthan, and Madhu Sanjeevi

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Group Photo of Trainers and Students

Faculty Coordinator   Head-CSE