NEW HORIZON COLLEGE OF ENGINEERING

Guest Lecture
on
Fundamentals of Git Workflow

Organized by

Department of MCA
in association with
Zetwerk, Bengaluru

Date: 5th July 2025

Venue: B 308

Brief Description of the Event

A guest lecture on the topic "Fundamentals of Git Workflow" was organized for the MCA II Semester students on Saturday, 4th July 2025. The session was conducted by Mr. Pavan Kumar V J, an experienced software engineer and version control systems specialist. The session aimed to introduce students to the practical aspects of Git, one of the most widely used version control systems in modern software development.

Introduction of the Resource Person

Mr. Pavan Kumar V J is a dedicated and dynamic software professional currently working as an Associate Software Development Engineer at Zetwerk, Bengaluru. He holds a Master of Computer Applications (MCA) degree from New Horizon College of Engineering, where he graduated with distinction as a Gold Medallist. With hands-on experience in full-stack development and version control systems, he has worked on projects like ApprovalZ and ZINTO, gaining real-world expertise in Git and collaborative software development workflows. His commitment to excellence, technical skills, and enthusiasm for mentoring make him a valuable speaker and guide for aspiring software professionals.

Content Delivery by the Resource Person

- **Introduction to Git and Version Control Systems**
  Mr. Pavan began the session with a brief history of version control systems, explaining the need for tools like Git in software development.
- **Core Git Concepts**
  He elaborated on essential Git commands such as git init, git add, git commit, git push, and git pull, and explained their practical usage through live demonstrations.

- **Branching and Merging**
  One of the highlights of the session was the explanation of the branching model in Git. He demonstrated how developers can work on parallel features using branches and how to merge them effectively without conflicts.
- **GitHub Integration**
  The speaker showed how Git integrates with platforms like GitHub to enable collaborative development. He walked the students through the process of creating repositories, raising pull requests, and reviewing code collaboratively.
- **Best Practices**
  Mr. Pavan concluded with useful tips and best practices for using Git efficiently in projects, including commit message standards and branching strategies.

Interactive Session with Students

The session concluded with a lively Q&A segment, where students actively participated by asking insightful questions about real-world applications and challenges in git. The resource person encouraged discussions, enabling students to gain a practical understanding of the subject matter.

Activities Conducted

During the Q&A session, the speaker engaged students with thought-provoking questions, inviting them to share their perspectives on predictive analytics and its applications in modern industries.

No of Participants: 73
Winners: (if any, for activities conducted): NA
Guest Details: (Name, Designation, Organisation, Location):

Mr. Pavan Kumar V J
Associate Software Development Engineer at Zetwerk
Bangalore, Karnataka.

Photographs

Poster

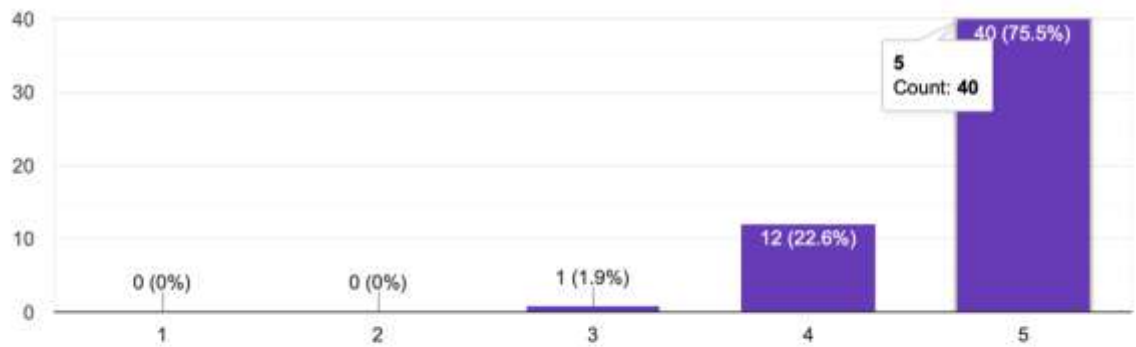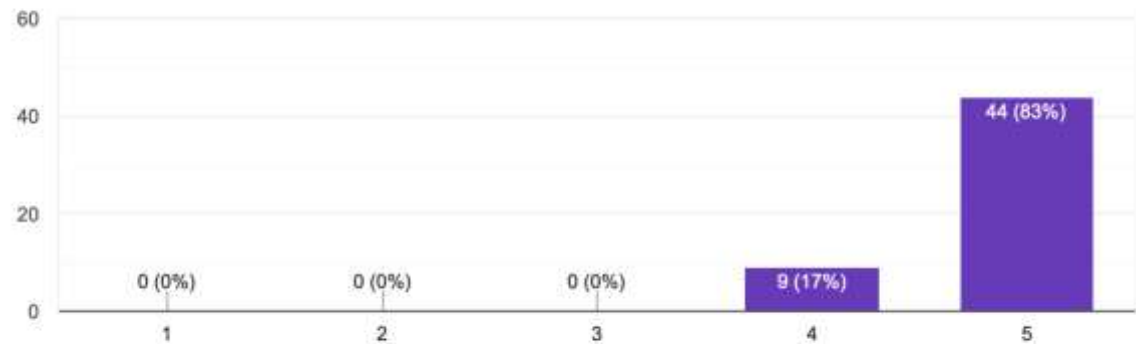## Feedback

Clarity of the presentation.

53 responses

Effectiveness of the examples depicted during the session.

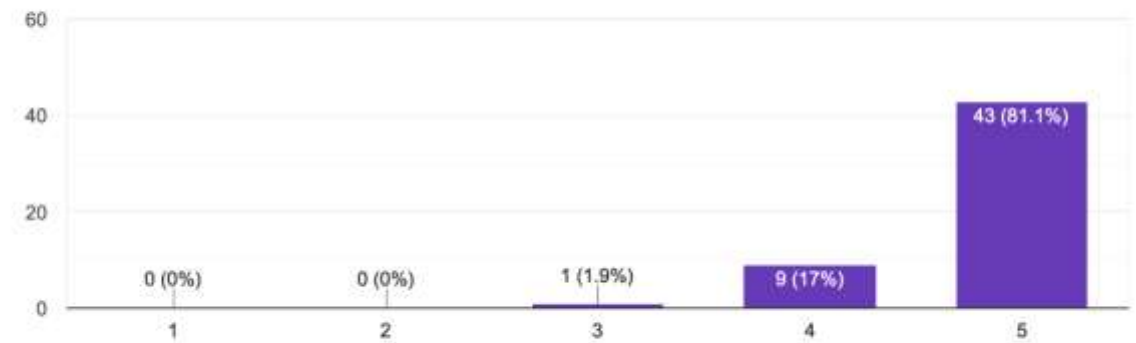53 responses

Level of achievements of topics in learning Backend Development.
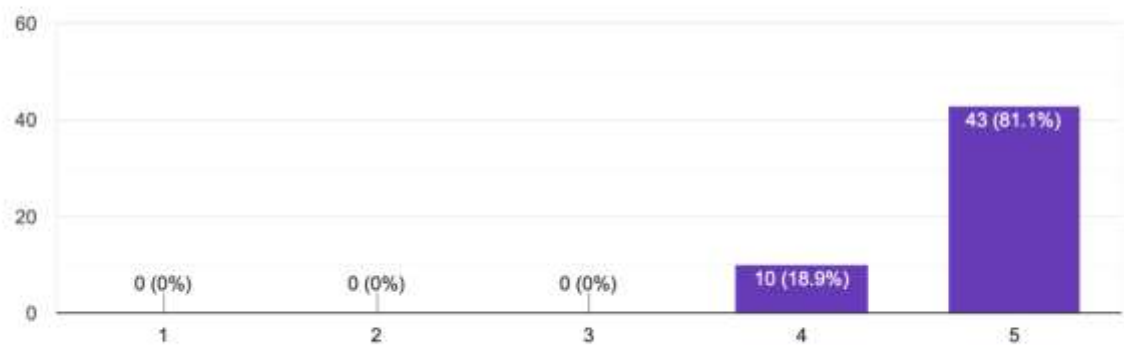
53 responses

Rate the relevance of the topic to future study and work.

53 responses

Attendance

NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MCA

ATTENDANCE SHEET OF PARTICIPANTS

GUEST LECTURE

FUNDAMENTALS OF GIT WORKFLOW

AY 2024-25

RESOURCE PERSON: Mr. PAVAN KUMAR VJ

ASSOCIATE SDE

ZETWERK

DATE: 05-07-2025

TIME: 10:00 am to12:00 pm

PARTICIPANTS: STUDENTS SEM II

VENUE: B308

SERIAL NO	USN NO	NAME	SIGNATURES
01	1NH24MC005	Abhinav Reddy .R	Abhinav
02	1NH24MC110	ROHINI BABU T B	Rohi
03	1NH24MC077	MONICA B	Monica.B
04	1NH24MC059	KARISHMA SINGH	Singh.
05	1NH24MC028	Beauty Marmu	Beauty
06	1NH24MC050	Tawenya Mohammadi	Tawenya
07	1NH24MC063	Lekhana G	Lekhana
08	1NH24MC090	Nikitha .P	P
09	1NH24MC107	Ranjitha	Ranjitha
10.	1NH24MC054	Kanishma. G A	
11.	1NH24MC062	Laranya. k. L	Laranya .KL
12.	1NH24MC053	Lanithra B	

SERIAL NO	USN NO	NAME	SIGNATURES
13.	INH24MC092	Nischitha K.N	
14.	INH24MC074	Meenakshi	Meena
15.	INH24MC044	Disharth Patel	
16.	INH24MC035	Chethan D.T	
17.	INH24MC049	Harsha Y.	
18.	INH24MC015	Amruth Kumar T J	
19.	INH24MC109	Rishab Roy	
20	INH24MC111	Soorthek Rehri	
21	INH24MC112	Sahil Rajesh	
22	INH24MC068	Madhu Kumar.K	
23	INH24MC072	Manjunathgaud M Patil	
24	INH24MC038	Chiroop.S	
25	INH24MC076	Mithun.P.Kuld	
26	INH24MC033	Brindu Reddy C	
27	INH24MC016	Amulya MN	
28	INH24MC019	Anugunti Sandhya	
29	INH24MC0104	R. Manogna	
30	INH24MC050	Bhanupriya.K	
31	INH24MC032	Bhavya.M	
32	INH24MC029	Bhagavati.	
33	INH24MC039	Dakshayini	
34	INH24MC041	Deekshitha.R.A	
35	INH24MC043	Disha Dey	
36	INH24MC020	Arpita kumari	

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38	INH24MC060	K. Vineela	Vineela
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40	INH24MC087	Nidhish Mishra	Nidhish
41	INH24MC079	Nagaraj A	Nagaraj A
42	INH24MC017	Aniketh Kumar B	Aniketh
43	INH24MC083	Nooru Ramana Reddy	Nooru Ramana Reddy
44	INH24MC085	Naymin · B	Naymin
45	INH24MC089	Nikhitha G.S	Nikku
46.	INH24MC097	Poorvi · R	P
47	INH24MC004	Achyut	Ab
48	INH24MC002	Akash C Nazre	A.
49	INH24MC102	Preetham KM	Preethu
50	INH24MC108	Ravishankar	Ravi
51	INH24MC025	Ayush Anand	A
52	INH24MC006	Aditya Kumar	Aditya
53	INH24MC007	Aditya Singh	Aditya
54	INH24MC021	Ashish Kumar	Ash
55	INH24MC082	Narendra Singh	Ak
56	INH24MC010	Akarsh Ranvat	Akarsh
57	INH24MC014	Aman · Kumar	Aman
58	INH24MC008	Aditya Kamate.	Ak
59	INH24MC067	Madhur G.N	Mh

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48	INH24MC047	Gouri Tandel	Tandel.
44	INH24MC031	Bharavi Shukla	Bharavi
65	INH24MC003	Achal Kherwi	Achal
66	INH24MC023	Ashwathy	Ashwathy.
47	INH24MC005	Adheeksha P.	Adluksh,
68	INH24MC075	Meghana .R	Megha
49	INH24MC056	Kavya Gm	Kay
70	INH24MC057	keerthana. G R	Kea.
71	INH24MC013	Akshaya. M. V.	H M.V.
72	INH24MC042	K. M. Shreyas	
73	INH24MC051	Jayanth Nair	

Diksha
EVENT COORDINATOR

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Co-ordinator   **HoD-MCA**

Prof. Diksha Dhiman   **Dr. V. ASHA**