ATME College of Engineering

Department of Electronics & Communication Engineering

01/04/2025

To,
The Principal,
ATME College of Engineering
Mysuru-28

Dear Sir,

Sub: Request to conduct Technical Talk on **"End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction"**

The Department of Electronics & Communication Engineering in association with IETE Student forum is planning to organize a Technical Talk titled **"End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction"** on 4th April 2025, starting at 10:00 AM. The estimated budget for the event is Rs.3,000.00. In this regard, we request you to kindly grant permission to conduct the event and also requesting you to grant the requested budget and oblige.

Objective of the Technical Talk:

1. Learn Python scripting for daily task automation.
2. Explore web scraping for project-related data.
3. Work with Google Drive files using Python APIs.
4. Apply automation skills to real-world and VLSI industry use cases.

About the Technical Talk:
This session focuses on empowering students with essential automation skills for modern applications. It introduces web scraping techniques and working with Google Drive APIs—equipping students with real-world tools and knowledge highly sought after in industries like VLSI and beyond.

Outcome of the Technical Talk:
Students will understand the role of websites and automated deployment in projects, learn web scraping to gather project-relevant data (especially valuable in the VLSI industry), explore automated data extraction from scanned images using cloud and Python, and learn to process files in Google Drive using APIs.

Target Audience:
This event is specifically aimed at 4th semester students of Electronics & Communication Engineering.

Resource Person:
Vishwas K Singh
Subject Matter Expert – FSD
CloudThat Technologies – Bengaluru, India

Please do needful and oblige.

Thanking you,

ISF Coordinator- Ms. Anupama Shetter
Event Coordinators- Mrs. Nandini G S& Mr. Rajeev Gowda R

Estimated Budget Request

Sl.No.	Particulars	Amount in Rs./-
1	Honorarium for the Guest	3,000.00
	Total	**3,000.00**

The Budget detailed for the Academic Year 2025-26

Department Budget	ECE	Remarks
Budget Year	**2025-26**	
Budget Code	**305.20.00**	
Budget Header	**V. Students welfare measures**	
	Capacity building and Skills enhancement initiatives for students such as soft skills/ language and communications skills/ life skills/ICT/computing skills	
Budget Approved Amount	**40,000/-**	
Spent so far	**0**	
Balance Amount	40,000/-	
Amount Requested	**Rs. 3,000/-**	

HOD

for Accounts Officer 01/04/2025

(S.A.A)

Principal 1/4/25

ATME College of Engineering

Department of Electronics & Communication Engineering

State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs

Provide the details of the additional course/ learning material/ content/ laboratory/ experiments/ projects etc., arising from the gaps identified in

Sl. No.	Action taken	Date-Month-Year	Relevance to POs, PSOs
1	Technical Talk	04-04-2025	PO1,PO2,PO5,PO6,PO11,PO12,PSO1

Submitted to

The principal,

kindly do the needful.

NKP
11/4/2025

NKP
HOD

Forwarded to the Honble Chairman for Kind approval to sanction Rs 3000/- towards technical talks on "End to End automation for Modern applications".

11/4/2025

ATME College of Engineering

Department of Electronics & Communication Engineering

01/04/2025

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Mysuru-28

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Resource Person:
Vishwas K Singh
Subject Matter Expert – FSD
CloudThat Technologies Bengaluru, India

Please do needful and oblige.

Thanking you,

ISF Coordinator- Ms. Anupama Shetter
Event Coordinators- Mrs. Nandini G S& Mr. Rajeev Gowda R

Approved. However suitability of such workshop to students shall be evaluated w.r.t prerequisites, academic level and branch.

2/4

College of Engineering

Department of Electronics & Communication Engineering

Estimated Budget Request

Sl.No.	Particulars	Amount in Rs./-
1	Honorarium for the Guest	3,000.00
	Total	**3,000.00**

The Budget detailed for the Academic Year 2025-26

Department Budget	ECE	Remarks
Budget Year	**2025-26**	✓
Budget Code	**305.20.00**	✓
Budget Header	**V. Students welfare measures**	✓
	Capacity building and Skills enhancement initiatives for students such as soft skills/ language and communications skills/ life skills/ICT/computing skills	✓
Budget Approved Amount	**40,000/-**	✓
Spent so far	**0**	✓
Balance Amount	40,000/-	✓
Amount Requested	**Rs. 3,000/-**	✓

HOD

Accounts Officer 01/04/2025

(S.A.A)

Principal 1/4/25

A T M E
College of Engineering

Department of Electronics & Communication Engineering

State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs

Provide the details of the additional course/ learning material/ content/ laboratory/ experiments/ projects etc , arising from the gaps identified in

Sl. No.	Action taken	Date-Month-Year	Relevance to POs, PSOs
1	Technical Talk	04-04-2025	PO1,PO2,PO5,PO6,PO11,PO12,PSO1

Submitted to

The principal,

kindly do the needful.

NKP
HOD

NKP
11/4/2025

Forwarded to the Honble Chairman for

Kind approval to sanction Rs 3000/-

towards technical talks on "End to End automation

for Modern applications".

11/4/2025

A T M E®
College of Engineering

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Recognized by Government of Karnataka,
Programs accredited by NBA, New Delhi - UG: CV, ECE, EFE and ME (Validity up to June 2025), UG: CSE (Validity up to June 2026)

Ref. No.: ATME/ ECE/ AY 2024-25/011 Date: 01-04-2025

To,

Mr. Vishwas K Singh
Subject Matter Expert – FSD
CloudThat Technologies – Bengaluru, India

Dear Mr. Vishwas K Singh,

I hope this letter finds you well. On behalf of the Department of Electronics and Communication at ATME College of Engineering, Mysuru, in association with ISF, I am delighted to extend an invitation to you to be the distinguished resource person for our upcoming technical talk on " **End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction".**

Event Details:

Date: on 4th April 2025,
Time: 10:00 AM.
Venue: Department of ECE, ATMECE (Seminar Hall)

We believe that our students will Learn Python scripting for daily task automation. They will also understand how to apply automation skills to real-world and VLSI industry use cases and how these fields can enhance their academic and professional journeys. We highly value your contribution and look forward to the prospect of your involvement in making this technical talk a success.

Thank you for considering our invitation. We are eager to have you with us and share your expertise with our students.

Kind regards,

Dr. Prathiba M K
Assoc. Professor & Head
ATME College of Engineering

Vision

- To develop highly skilled and globally competent professionals in the field of Electronics and Communication Engineering to meet industrial and social requirements with ethical responsibility.

Mission

- To provide State-of-art technical education in Electronics and Communication at undergraduate and post-graduate levels, to meet the needs of the profession and society and achieve excellence in teaching-learning and research.
- To develop talented and committed human resource, by providing an opportunity for innovation, creativity and entrepreneurial leadership with high standards of professional ethics, transparency and accountability.
- To function collaboratively with technical Institutes/Universities/Industries, offer opportunities for interaction among faculty-students and promote networking with alumni, industries and other stake-holders.

about:blank

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Re: Technical talk invitation

From: Vishwas K Singh <vishwas@cloudthat.com>
Sent: Wednesday, April 2, 2025 4:44 PM
To: Dr. PRATHIBA M K <Dr.PRATHIBAMK_EC@atme.edu.in>
Cc: Nandini GS <nandinigs_ec@atme.edu.in>; Rajeev Gowda R <rajeevgowdar.ec@atme.edu.in>
Subject: Re: Technical talk invitation

Dear madam,

Thank you for your kind email and for considering me to deliver a technical talk to the students of the ECE Department at ATMECE. I am honoured by your invitation.

The topic **"End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction"** is indeed something I am passionate about, and I believe it aligns well with the current industry trends and the students' academic needs.

I am very interested in contributing to the students' learning experience and sharing my insights with them.

To proceed further, could you please provide me with some additional information, such as:

- **Proposed date and time for the talk.**
- **Estimated duration of the presentation.**
- **Expected audience size and their level of familiarity with the subject.**
- **Any specific requirements or expectations for the talk.**

So that I can tailor the presentation accordingly.

Thank you again for this wonderful opportunity. I look forward to hearing from you soon.

Sincerely,

Vishwas K Singh

ATME®

College of Engineering

Dept. of Electronics & Communication Engineering
In association with IETE Student Forum

Organises a
Technical talk on

"End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life & Cloud-Based Data Extraction"

Date: 04/04/2025
Time: 10:00 AM
Venue: 401 (Admin Block)

Resource Person

Mr. VISHWAS K SINGH
Subject Matter Expert-FSD
CloudThat Technologies Pvt Ltd
Bangalore

Principal
Dr. Basavaraj L
ATMECE, Mysuru

HOD & Convener
Dr. Prathibha M K
ATMECE, Mysuru

ISF Coordinator
Ms. Anupama Shetter
Asst. Prof, Dept. of ECE

Coordinators
Mrs. Nandini G S
Asst. Prof, Dept. of ECE

Mr. Rajeeev Gowda R
Asst. Prof, Dept. of ECE

Phone: 0821-2954081 | 0821 -2954011
Email: info@atme.edu.in | Website: www.atme.edu.in
13th Kilometer, Mysore – Kanakapura – Bangalore Road, Mysore – 570 028

Follow us on

Pre-assessment

Responses Overview

Active

Responses	Average Score	Average Time
132	16.5	05:40

3. What does CI/CD stand for in the context of software development? (1 point)

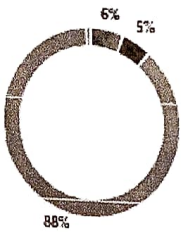
95% of respondents answered this question correctly.

Continuous Integration and Continuous Deployment	125 ✓
Constant Improvement and Code Delivery	2
Critical Infrastructure and Data Collection	2
Centralized Information and Control Distribution	3

4. What is a common use case for Python in daily life, especially in automation? (1 point)

88% of respondents answered this question correctly.

Designing graphical user interfaces exclusively	8
Performing complex hardware simulations only	7
Automating repetitive tasks and scripting	116 ✓
Manually managing database entries	1



5. Which of the following is a common tool for orchestrating CI/CD pipelines? (1 point)

89% of respondents answered this question correctly.

Microsoft Word	7
Adobe Photoshop	4
Jenkins	118 ✓
Notepad	3

6. What is the role of version control systems (like Git) in CI/CD workflows? (1 point)

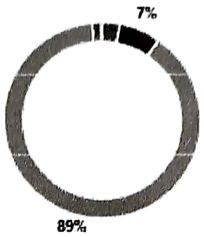
86% of respondents answered this question correctly.

To manually track changes without automation	6
To manage and track changes to source code	114 ✓
To limit collaboration among developers	8
To avoid backups of code changes.	4

7. Which of the following is an example of a cloud platform commonly used for data extraction and processing? (1 point)

89% of respondents answered this question correctly.

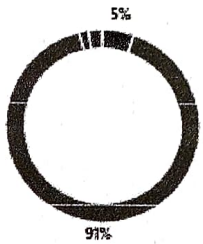
Local file system	4
Physical DVD storage	9
Amazon Web Services (AWS)	117 ✓
Paper-based filing system	2



8. Which Python feature is essential for automating tasks by writing scripts? (1 point)

91% of respondents answered this question correctly.

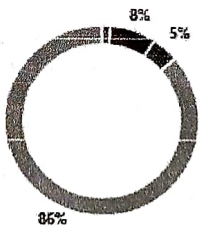
Static typing	7
Dynamic typing and scripting capability	120 ✓
Complex compiled binary code	2
Limited library support	3



9. What is the common format to store intermediate data? (1 point)

86% of respondents answered this question correctly.

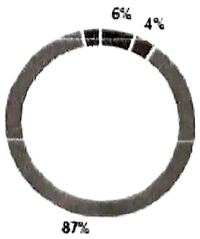
Image	2
Pdf	10
Word Document	6
csv	114 ✓



10. Library to fetch data from the internet in python is _____ (1 point)

87% of respondents answered this question correctly.

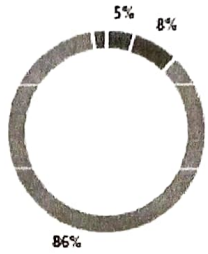
numpy	8
docker	5
requests	115 ✓
None	4



11. We can containerize our application with dependencies using _____ technology (1 point)

86% of respondents answered this question correctly.

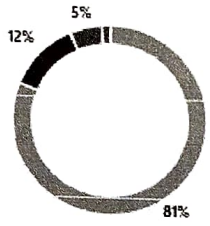
Kubernetes	6
Python	10
Docker	113 ✓
Playwright	3



12. Common data format to save our files which can be later converted for presentation (1 point)

81% of respondents answered this question correctly.

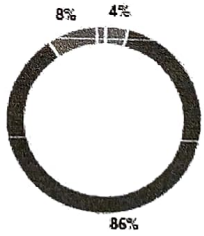
Markdown	107 ✓
HTML	16
XML	7
Docx	2



13. Which tool is widely used for container orchestration in cloud environments? (1 point)

86% of respondents answered this question correctly.

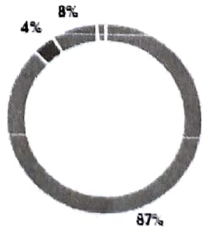
Git	5
Kubernetes	114 ✓
Excel	11
React	2



14. In a CI/CD pipeline, what does "Continuous Integration" primarily refer to? (1 point)

87% of respondents answered this question correctly.

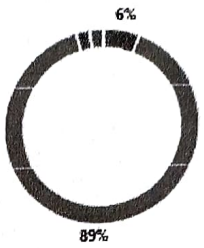
Frequently merging code changes into a shared *repository*	115 ✓
Releasing new features manually after testing	5
Deploying applications without testing	10
Ignoring changes until the final release	2



15. What command is commonly used to clone a repository in Git? (1 point)

89% of respondents answered this question correctly.

●	git copy	8
●	git clone	118 ✓
●	git download	3
●	git save	3



16. Which file is typically used to define dependencies in a Python project? (1 point)

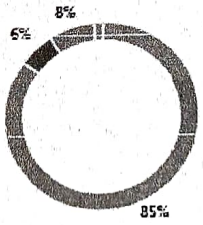
89% of respondents answered this question correctly.

●	package.json	7
●	requirements.txt	117 ✓
●	dependencies.xml	4
●	config.yaml	4

17. Which format is commonly used for exchanging lightweight data between applications? (1 point)

85% of respondents answered this question correctly.

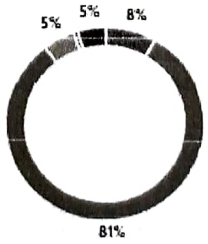
●	JSON	112 ✓
●	BMP	8
●	MP3	10
●	EXE	2



18. What is the primary benefit of using Docker in software development? (1 point)

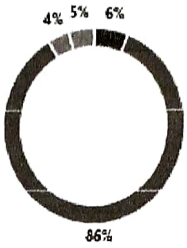
81% of respondents answered this question correctly.

●	Running multiple operating systems simultaneously	11
●	Packaging applications with dependencies for consistent deployment	107 ✓
●	Replacing the need for CI/CD pipelines	7
●	Increasing power consumption in servers	1
●	Option 2	6



19. In Python, which module is commonly used to handle CSV files? (1 point)

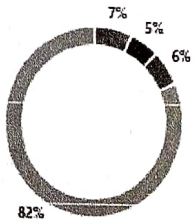
●	pandas	8
●	csv	113
●	requests	5
●	flask	6



20. Which of the following is NOT a version control system? (1 point)

82% of respondents answered this question correctly.

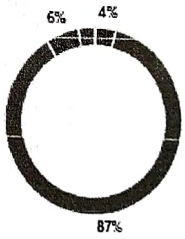
●	Git	9
●	Mercurial	7
●	SVN	8
●	Docker	108 ✓



21. What is the purpose of a .gitignore file in a Git repository? (1 point)

87% of respondents answered this question correctly.

●	To hide files in a repository permanently	5
●	To list files and directories that should not be tracked	115 ✓
●	To prevent commits from being pushed	8
●	To make commits faster	4



22. Which Python module is commonly used for handling HTTP requests? (1 point)

83% of respondents answered this question correctly.

●	json	10
●	requests	110 ✓
●	os	9
●	sys	3

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Department of Electronics & Communication Engineering

Technical talk on

End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction

Date: 04/04/2025

Sl. No.	USN	Student Name	Student Signature
1	4AD23EC001	A R NANDISH	
2	4AD23EC002	AASIM AHMED	
3	4AD23EC003	AISHWARYA K	Aishwarya.K
4	4AD23EC005	AMULYA D	Amulya D.
5	4AD23EC006	AMULYA M R	Amulya M R
6	4AD23EC007	AVINASH P N	Avinash P.N
7	4AD23EC008	BHOOMIKA J K	
8	4AD23EC009	BHOOMIKA K S	Bhoomika K.S
9	4AD23EC010	BHOOMIKA. Y	Bhoomika.Y
10	4AD23EC011	BHUVAN	Bhuvan.
11	4AD23EC012	BI BI AYESHA	
12	4AD23EC013	CHANDAN ARADHYA T K	
13	4AD23EC014	CHANDANA K	Chandana.K.
14	4AD23EC015	CHATHURTHI B R	Chathurthi B R.
15	4AD23EC016	CHIDANAND PATIL N S	Chidanande
16	4AD23EC017	CHIRAG M	Chirag.M
17	4AD23EC018	DHANUSH MANOOR B H	
18	4AD23EC019	DHANYASWINI S	Dhanu.
19	4AD23EC020	DIVYA B K	Divya
20	4AD23EC021	DIVYA D SEERVI	
21	4AD23EC022	DIVYASHREE M	
22	4AD23EC023	DIVYASHREE N	Divya N.
23	4AD23EC024	DYUTHI N V	Dyuthi.N.V
24	4AD23EC025	FARIYA NOOR	
25	4AD23EC026	G N HEMANT KUMAR	Hemanth
26	4AD23EC027	GAGAN CHANDRA M S	Gagan m/s
27	4AD23EC028	GAGAN K B	Gagan. K.B
28	4AD23EC029	GANAVI N	GANAVI. N
29	4AD23EC030	GANESH A K	Ganesh. A.K.
30	4AD23EC031	GOWTHAMI B S	Gowthami B S
31	4AD23EC032	HARSHA K N	
32	4AD23EC033	HARSHINI NAYAK R	Harshini
33	4AD23EC034	HARSHINI S T	
34	4AD23EC035	HARSHITH G M	Hull
35	4AD23EC036	JEEVAN RAJ N	
36	4AD23EC037	JNANENDRA H	
37	4AD23EC038	K B MAITHRI	Maithri
38	4AD23EC040	KAVANA S R	
39	4AD23EC041	KEERTHANA A R	

40	4AD23EC042	LIKITHA B H	Likitha B.H
41	4AD23EC043	M R VARSHA	
42	4AD23EC044	MANISH PATIL	
43	4AD23EC045	MANISH V	
44	4AD23EC046	MANOHAR B	
45	4AD23EC047	MANOJ K PRAKASH	
46	4AD23EC048	MANOJ R	
47	4AD23EC049	MANUSHREE V S	
48	4AD23EC050	MANYA S	
49	4AD23EC051	MEGHANA S	
50	4AD23EC052	MIRZA AAMIR HASEEB	
51	4AD23EC053	MOHAMMED ISMAIL	
52	4AD23EC054	MOKSHITHA N G	
53	4AD23EC055	NAMITH T B	
54	4AD23EC056	NANDANA U N	
55	4AD23EC057	NAVYA SHREE P D	
56	4AD23EC058	NAVYASHREE N	
57	4AD23EC059	NAYANA	
58	4AD23EC060	NIKHITHA L	
59	4AD23EC061	NISARGA B R	
60	4AD23EC062	NISHITH GOWDA K S	
61	4AD23EC063	P MANOJ KUMAR	
62	4AD23EC064	POOJA C L	
63	4AD23EC065	POORVITHA H L	
64	4AD23EC066	PRADEEP NEELAPPA HALIHAL	
65	4AD23EC067	PRAJWAL GOWDA M	
66	4AD23EC068	PRAJWAL R	
67	4AD23EC069	PRAKRUTHI M S	
68	4AD23EC070	PRANAMYA U G	
69	4AD23EC071	PRAVEEN YAMANAPPA KODAGALLI	
70	4AD23EC072	PREETHI K	
71	4AD23EC073	RACHANA G	
72	4AD23EC074	RAKSHITH A M	
73	4AD23EC075	RAKSHITHA M	
74	4AD23EC076	RASHMITHA E	
75	4AD23EC077	ROHAN JOSEPH	
76	4AD23EC078	SAGAR H N	
77	4AD23EC079	SANDESH MIRASHI	
78	4AD23EC081	SHANTHAKUMAR	
79	4AD23EC082	SHASHANK A N	
80	4AD23EC083	SHEETAL PATTANSHETTY	
81	4AD23EC084	SHEKHAR C	

82	4AD23EC085	SHIVAKARTHIK T S	
83	4AD23EC086	SHIVAKUMAR	
84	4AD23EC087	SHIVAPRASAD H M	
85	4AD23EC088	SHIVARAJU K P	
86	4AD23EC089	SHOBITH B R	
87	4AD23EC090	SHREYA H B	
88	4AD23EC091	SINCHANA C S	
89	4AD23EC092	SINCHANA M R	
90	4AD23EC093	SINCHANA N	
91	4AD23EC094	SNEHA M	
92	4AD23EC095	SNEHANAG N	
93	4AD23EC096	SONU	
94	4AD23EC097	SOWNDARYA N	
95	4AD23EC098	SRILAKSHMI P	
96	4AD23EC099	SUBHASH CHANDRA H P	
97	4AD23EC100	SUHAIB KHAN	
98	4AD23EC101	SWATHI M	
99	4AD23EC102	SYED ZIKRIYA	
100	4AD23EC103	THANUSHREE A	
101	4AD23EC104	ULLAS P S	
102	4AD23EC105	V V RIYA VIJAY	
103	4AD23EC106	VARSHA GANESHA	
104	4AD23EC107	VARSHA M P	
105	4AD23EC109	VISMITH P U	
106	4AD23EC110	VYSHNAVI S	
107	4AD23EC111	YASHMITHA K M	
108	4AD23EC112	YASHWANTH A J	
109	4AD23EC113	YASHWANTH GOWDA S S	
110	4AD23EC114	YOGEESH P	
111	4AD22EC112	SYED ABDUL HADI	
112	4AD24EC400	AKASH M R	
113	4AD24EC401	BHARATH R	
114	4AD24EC402	CHANDAN T M	
115	4AD24EC403	CHANDANKUMAR M	
116	4AD24EC404	CHARAN M N	
117	4AD24EC405	CHETHANA T	
118	4AD24EC406	DEEKSHITH Y V	
119	4AD24EC407	GAGANGOWDA C S	
120	4AD24EC408	HEMAVATHI H V	
121	4AD24EC409	MANORANJAN V	
122	4AD24EC410	PAVAN KUMARA H C	
123	4AD24EC411	POORVITH M GOWDA	

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124	4AD24EC412	PRADHAN K	
125	4AD24EC413	PRUTHVI P	Pruthvi.P
126	4AD24EC414	RAHUL M G	Rahul
127	4AD24EC415	RAJU I D	
128	4AD24EC416	S SHIVU	
129	4AD24EC417	SANJU N	
130	4AD24EC418	SHIVU B	
131	4AD24EC419	SIDDARAJU H S	
132	4AD24EC420	SOMASHEKARA P S	
133	4AD24EC421	SUDEEP C	Sudeep.C
134	4AD24EC422	TEJASWI D MADESHA	Tejaswi.
135	4AD24EC423	YATHEESH	

Report on
Technical talk "End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction"

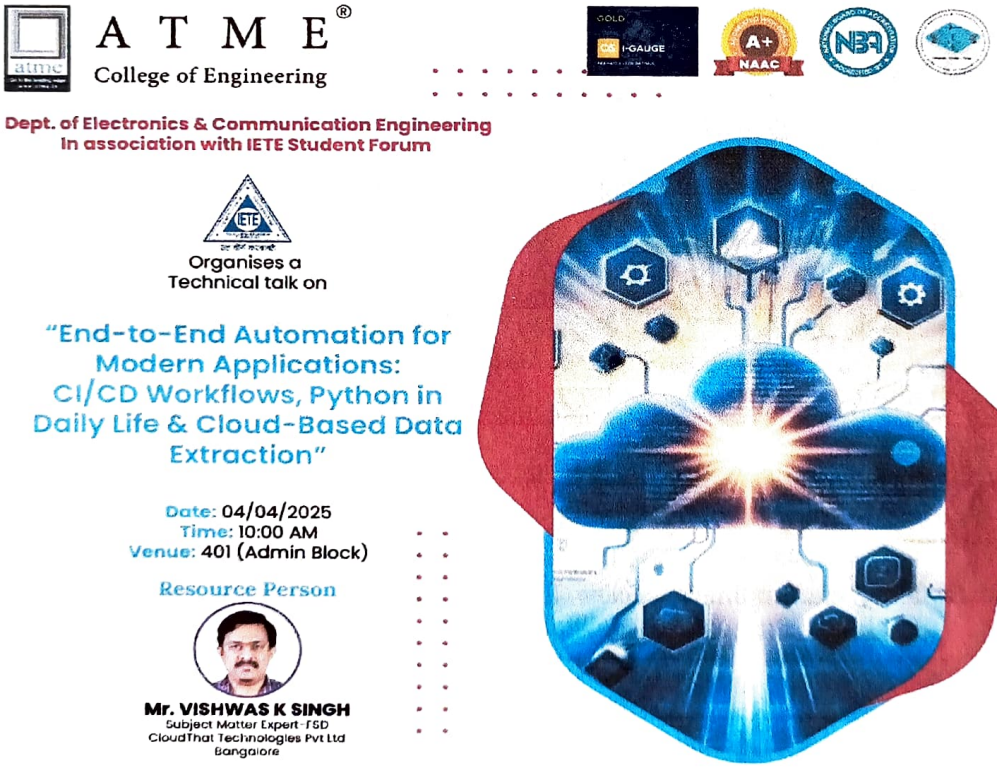
Date: 04th April 2025

Organized by

Department of Electronics & Communication Engineering

In association with IETE Student Forum

ATME College of Engineering, Mysuru



The Department of Electronics and Communication Engineering in association with IETE Student forum had organized a technical talk on "End-to-End Automation for Modern Applications: CI/CD Workflows, Python in Daily Life, and Cloud-Based Data Extraction" on 04th April 2025 to the students of 4th Sem in Seminar Hall of the Department.

Mr. Vishwas K Singh, CloudThat Technologies, Bengaluru, India was the Guest Speaker.

About the Technical Talk.

End-to-end automation is essential in modern software development, combining CI/CD workflows, Python scripting, and cloud-based data extraction to create efficient, scalable systems. These practices help automate repetitive tasks, ensure consistent deployment, and enable faster development cycles. By integrating these components, teams can streamline operations, reduce human error, and focus more on innovation than maintenance.

CI/CD (Continuous Integration and Continuous Deployment) enables automated building, testing, and deployment of applications. With tools like GitHub Actions, Jenkins, and GitLab CI, developers can push code that is instantly validated and deployed, reducing the time between writing code and delivering value. Docker and Kubernetes further enhance this process by providing consistent environments and scalable infrastructure for running applications reliably in production.

Python scripting adds powerful, flexible automation capabilities for everyday tasks. Whether it's organizing files, sending scheduled emails, scraping web content, or integrating with APIs, Python makes automation accessible and efficient.

Finally, cloud-based data extraction plays a vital role in gathering and processing data from platforms like Google Drive, AWS, and GCP. Combining these capabilities with CI/CD and automation scripts enables the creation of end-to-end data workflows—like pulling reports, processing them, and sending summaries via email—all without manual involvement. Together, these technologies form the foundation of modern, intelligent automation systems.

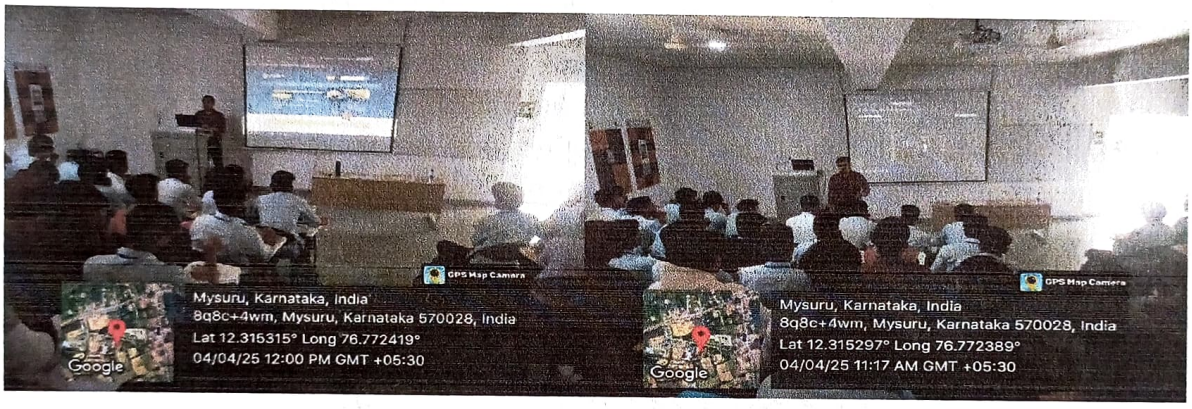
Outcome:

Students were able to understand by integrating CI/CD workflows, Python automation, and cloud-based data extraction, teams and individuals can build highly efficient, self-sustaining systems that minimize manual effort and maximize productivity. The key outcomes include:

- **Faster and Reliable Deployments:** Code changes are tested and deployed automatically, reducing time-to-market and minimizing production errors.
- **Streamlined Daily Operations:** Routine tasks like data processing, file handling, and reporting are automated using Python, freeing up time for higher-value work.
- **Scalable Data Handling:** Data from cloud platforms is automatically extracted, processed, and integrated into business workflows, supporting better decision-making.
- **End-to-End Workflow Automation:** From source code to deployment and data reporting, every step is connected and automated, creating a seamless and adaptive development environment.

This approach not only improves operational efficiency but also empowers teams to build smarter, more resilient applications that evolve with changing demands.

Glimpses of Event:



Event Report Prepared by Event Coordinator.

Nandini G S

Mrs. Nandini G S
Assistant Professor

Mr. Rajeev Gowda R
Assistant Professor

Post-assessment on technical talk

Responses Overview

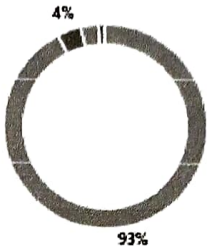
Active

Responses	Average Score	Average Time
107	14.3	03:44

3. What does CI/CD stand for in the context of software development? (1 point)

93% of respondents answered this question correctly.

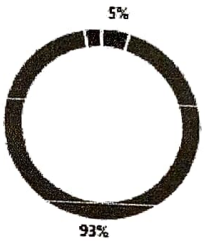
Continuous Integration and Continuous Deployment	99 ✓
Constant Improvement and Code Delivery	4
Critical Infrastructure and Data Collection	3
Centralized Information and Control Distribution	1



4. Which of the following is a primary benefit of implementing CI/CD workflows? (1 point)

93% of respondents answered this question correctly.

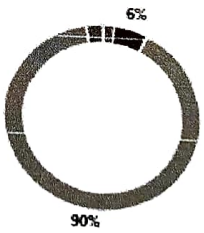
Increased manual testing efforts	5
Faster release cycles and reduced risk	99 ✓
Decreased collaboration among developers	3
Slower feedback loops and delayed deployments	0



5. In CI/CD, which stage involves automatically building and testing code changes? (1 point)

90% of respondents answered this question correctly.

Deployment	2
Monitoring	6
Integration	96 ✓
Planning	3



6. What is a common use case for Python in daily life, especially in automation? (1 point)

88% of respondents answered this question correctly.

Designing graphical user interfaces exclusively	4
Performing complex hardware simulations only	7
Automating repetitive tasks and scripting	94 ✓
Manually managing database entries	2