



Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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CIRCULAR

20-03-2023

This is to inform all faculty members & Students of the Department of Computer Science & Information Technology , CSIT department will conduct Industry oriented Guest Lecture on “ **Introduction TO ML OPS** “ on 23rd March 2023 at Koneru Lakshmaiah Education Foundation, Vaddeswaram.

Event Details:

- **Name of Event :** Industry oriented Guest Lecture
- **Topic:** Introduction TO ML OPS
- **Presenter:** Mr. M. Vinay , Business Intelligence Analyst
- **Faculty Co-Ordinator:** Mrs. NM. Jyothi, Associate Professor, CS&IT
- **Date:** 23rd March 2023
- **Time & Venue:** 11:15Am, Peacock hall

HoD, Dept. of CSIT
Dr. K. Amarendra

Industry oriented Guest Lecture on “ Introduction TO ML OPS ”

The session aims to equip participants with the knowledge, skills, and resources needed to implement ML OPS best practices effectively, ensuring the successful deployment and management of machine learning models in production environments.

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- **Topic:** Introduction TO ML OPS
- **Presenter:** Mr. M. Vinay , Business Intelligence Analyst
- **Faculty Co-Ordinator:** Mrs. NM. Jyothi, Associate Professor, CS&IT
- **Date:** 23rd March 2023
- **Time & Venue:** 11:15Am, Peacock hall

Objective:

- **Educational:** Provide participants with a foundational understanding of ML Ops (Machine Learning Operations), its principles, and its significance in the machine learning lifecycle.
- **Informative:** Offer insights into the challenges of deploying and managing machine learning models in production environments and how ML Ops addresses these challenges.
- **Practical:** Introduce participants to key components, best practices, and tools used in ML Ops, enabling them to apply this knowledge in their organizations.

Description:

- **Definition of ML Ops:** Define ML Ops as the set of practices, processes, and tools aimed at operationalizing machine learning models, ensuring their scalability, reliability, and maintainability in production environments.
- **Key Components:** Discuss the key components of ML Ops, including model development, version control, testing, deployment, monitoring, and continuous integration/continuous deployment (CI/CD) pipelines.
- **Workflow:** Present a typical workflow of ML Ops, starting from data acquisition and preprocessing, model training and evaluation, to model deployment, monitoring, and maintenance, highlighting best practices and common challenges at each stage.
- **Tools and Technologies:** Introduce participants to essential tools and technologies used in ML Ops, such as Docker, Kubernetes, TensorFlow Serving, Apache Airflow, MLflow, and Kubeflow, and explain their roles in automating and streamlining the ML Ops workflow.
- **Challenges and Considerations:** Discuss common challenges in implementing ML Ops, such as model drift, reproducibility, version management, governance, compliance, and collaboration between data science and operations teams.

Outcome:

- **Enhanced Understanding:** Participants gain a clear understanding of ML Ops principles, practices, and its role in the machine learning lifecycle.
 - **Awareness of Best Practices:** Participants become aware of best practices and tools used in ML Ops, enabling them to adopt these practices effectively in their organizations.
 - **Improved Efficiency:** Participants learn how ML Ops can streamline the deployment and management of machine learning models, leading to increased efficiency and reduced time-to-market.
 - **Empowered Decision-making:** Participants are equipped to make informed decisions regarding the adoption and implementation of ML Ops practices in their organizations.
 - **Increased Collaboration:** Participants recognize the importance of collaboration between data science, operations, and IT teams in implementing ML Ops effectively, fostering a culture of teamwork and innovation.
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- **No. Of Participants: 70**

Event Photos:

The poster features the logos of KL CS&IT (Kannur University) and Efit (Engineering Time Taken With Information Technology) at the top. The event is scheduled for 23 March 2023, from 11:15 AM to 12:30 PM. The main title is 'INTRODUCTION TO ML OPS (Machine Learning Operations)'. The speaker is Mr. NM Vinay, a Business Intelligence Analyst. The event coordinator is Dr. NM Jyothi, an Associate Professor in the Department of CS&IT. A circular portrait of Mr. NM Vinay is shown on the right side. At the bottom, there are social media icons for Facebook, Twitter, and Instagram, along with the handle @kl.csit.

KL CS&IT | **Efit**

23 MARCH, 2023
11:15AM - 12:30 PM

Industry Oriented Guest lecture on
INTRODUCTION TO ML OPS
(Machine Learning Operations)

MR. NM VINAY
BUSINESS INTELLIGENCE ANALYST

EVENT COORDINATOR
DR NM JYOTHI
ASSOC. PROF., DEPT. OF CS&IT

@kl.csit



Industry Oriented
Guest Lecture on
**INTRODUCTION TO
ML OPS**
(Machine Learning Operations)

BY:
MR. NM VINAY
BUSINESS INTELLIGENCE ANALYST



EVENT COORDINATOR:
DR. NM JYOTHI
ASSOC. PROF., DEPT. OF CS&IT



 23/03/2023
 11:15 AM - 12:30 PM

   @kl.csit

Participants List:

CSIT-Y20 & Y21 List

S.No.	ID Number	Name
1	2100090001	ALLA DHANYA SRI
2	2100090002	ALURU KOUSIK
3	2100090003	ANDHAVARAPU RAKESH
4	2100090004	CHEBROLU NANDAN
5	2100090005	CHILAKALA BHARATH REDDY
6	2100090006	CHINNAM LAKSHMI SAI SARAYU
7	2100090007	DHULIPUDI SARANYA
8	2100090008	Ede Heman Narasimha Sai
9	2100090009	ELANJIPURATHU STABIN JAMES

10	2100090010	GATTI VENKATA SAKETH NADH
11	2100090011	GORIJAVOLU SOHITH CHOWDARY
12	2100090012	JAVVADI VARUN RAJ
13	2100090013	JAVVADI SANDEEP
14	2100090014	KANCHANAPALLI SAI CHARAN
15	2100090015	KOTA NAGA VENKAT
16	2100090016	KOTHAGUNDLA MIDHUN SAI
17	2100090017	MANNE SUDHEER KUMAR
18	2100090018	MARUPUDI ESWAR
19	2100090019	YALAMANCHILI SAMEERA
20	2100090020	MUSUNURU HARI KIRAN
21	2100090021	NANDI VARUN SAI
22	2100090022	PARUPALLI VENUSAINADH
23	2100090023	PONNALURI VENKATA DURGA NAGASREE
24	2100090073	GINJUPALLI AVINASH
25	2100090074	PASAM CHANDRA SEKHAR REDDY
26	2100090075	ALLADA KUSHAL CHAITANYA
27	2100090076	PENUGONDRA THARUN
28	2100090024	PULLABHOTLA YASASWINI
29	2100090025	SUBHASREE SIRAM
30	2100090026	ULLAMGUNTA ARYA VARDHAN BHARATH
31	2100090027	VELAGA HEMA VARDHAN
32	2100090028	VELAGALA SUSMITHA
33	2100090029	VEMPARALA REVATHI
34	2100090030	GUDIBANDI CHARAN SAI REDDY
35	2100090031	KAKANI VENKATA RAMANA
36	2100090032	JAMPALA AJITH
37	2100090033	MADANABOINA PREM VARA SAI
38	2100090034	AISHWARYA CHEBROLU
39	2100090035	CHEKURI GREESHMANATH
40	2100090037	KAZA VARUN SAI
41	2100090038	TADIBOINA SURYADEV
42	2100090039	PASUPULETI Lokesh Babu
43	2100090040	PUJYAM V S S N K DHEERAJ
44	2100090041	SAREDDULA HITESH YADAV
45	2100090042	MADDIPATI DEDEEPPYA
46	2100090043	ELURI YASASWI LAKSHMI
47	2100090044	POLEPALLY Akash Reddy
48	2100090045	naga sai yashwanth saginala
49	2100090046	NARUKULLA HEMANTH
50	2100090048	YALAMANENI PADMAVATHI DEVI
51	2000050004	NOHITH BORUSU
52	2000050009	SAI NITHIN DINTAKURTHI
53	2000050010	KUSIYO MBANGWETA
54	2000050011	OSWELL SIANYENGELE

55	2000090018	KANTHETI MEGHANA
56	2000090029	PUPPALA VENKATA SAI VINAY LAKSHMAN
57	2000090008	YADLAPALLY CHARAN
58	2000090033	PATCHIGOLLA SAMPATH
59	2000090042	BUSETTY VIGNESH SUPRITH
60	2000090035	SHAIK SOHEL ARSHAD
61	2000090006	GUDIBANDI CHAITANYA SIMHA REDDY
62	2000090030	RAPARLA VENKATA KARTHIK
63	2000090010	DHEERAJ KONDAPALLI
64	2000090014	JAMPALA VENKATA SAILEENATH REDDY
65	2000090034	SHAIK ASAD ASHRAF
66	2000090003	SHAIK AFZAL
67	2000090021	BHOGIREDDY LALITHA S N SATWIKA
68	2000090025	NAIDU SRI LEKHA
69	2000090032	SAKALA RAHUL
70	2000090036	THAMMAREDDY SHYAM CHOWDARY


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