Alumni Guest lecture on "Present Scenario in AL and ML" by Department of Mechanical Engineering, KLEF - Reg.

Registrar <registrar@kluniversity.in>

Thu 12/22/2022 1:15 PM

To: Srihari Babu Gole <gsriharibabu@kluniversity.in>;SUDESHNA SANI <sudeshnasani@kluniversity.in>;SHRADHA PANKAJ ZILPE <shraddhazilpe28@kluniversity.in>;PANGULURI MOUNICA <pangulurimounica@kluniversity.in>;VARADA VENKATA SUBBARAO <subbarao6373@kluniversity.in>;BRAJESH KUMAR SHUKLA <brajesh.shukla@kluniversity.in>;GARIGIPATI RAMA KRISHNA <umarkcse@kluniversity.in>;NAGALAKSHMI THIRUNAVUKKARASU <lakshmisenthil@kluniversity.in>;DODDI SURESH KUMAR <sureshdkumarmca@kluniversity.in>;GARIKIPATI NAGA LAKSHMI SOWJANYA <chlks1709@kluniversity.in>;AREPALLI GOPI <gopi.arepalli@kluniversity.in>;PONNURU ANUSHA <anusha.ponnuru588@kluniversity.in>;SRITHAR.S <sss.srithar@kluniversity.in>;SREEDHAR BURADA <sreedharburada@kluniversity.in>;Thatavarti Satish <drsatishthatavarti@kluniversity.in>;Yogesh Tripathi <yogeshtripathi27@kluniversity.in>;ASESH KUMAR TRIPATHI <asesh.tripathy@kluniversity.in>;Dr. Iwin Thanakumar Joseph. S <iwineee2006@kluniversity.in>;SaiRam Vakkalanka <sairam.vakkalanka@kluniversity.in>;Anjana Devi A <anjana.nadam@kluniversity.in>

Ref: KLEF/RO/ME/2022-23 Date: 22.12.2022

Orders of the Vice Chancellor dt.22.12.2022

CIRCULAR

Sub: Alumni Guest lecture on **"Present Scenario in AL and ML"** by Department of Mechanical Engineering, KLEF - Reg.

Ref: Letter dated 22.12.2022 from Dr.K. Vijaya Kumar, HoD-ME.

***

This is to inform that Department of Mechanical Engineering, KLEF, is conducting Alumni Guest lecture on **"Present Scenario in AL and ML"** in virtual mode for students and faculty members of KLEF as per the details given below.

Expert : Mr.M.V.N. Bharath Kumar, System Engineer, Infosys, Hyderabad.
Date : 24.12.2022 (Saturday)
Time : 11.00 a.m. to 1.00 p.m.

Link for joining guest lecture:
https://kluniversity.webex.com/kluniversity/j.php?MTID=ma352ab7d42317883ff616acf5aa37189

All interested students and faculty can join the expert lecture.

Coordinator: Dr. S.S. Rao, Professor, Robotics and Mechatronics Research Group Head.

REGISTRAR (I/C)

Mail & Hard copy to: Hon'ble President, KLEF

Mail to: Hon'ble Vice-Presidents, KLEF

Mail & Hard copy to: Hon'ble Pro Chancellor

Mail & Hard copy to: Hon'ble Vice Chancellor

Mail & Hard copy to: Hon'ble Pro Vice Chancellor (Administration)

Mail to: Advisor – NAAC & Hyderabad Operations - Prof. K.Koteswara Rao

Mail to: All Advisors / All Deans / All Principals / All Directors

Mail to: Controller of Examinations-Dr.A.S.C.S.Sastry

Mail to: Principal-Engg.College / Vice Principal / Deputy Director / Director

Mail to: Coordinator-FED.Dr.MSG Prasad

Mail & Hard copy to: HoDs.. AI&DS / BT / CE / CSE / Comp.Engg. / CS&IT / ECE / EEE / ECM / ME

HoDs..Maths / PHY / CHEM / ENG / BES-I / BES-II

HoDs.. BBA / COM / HM / CSS / CA&MS / Law / Architecture / Pharmacy / CSA / Arts

Mail & Hard copy to: Head of Division..Communication Skills / Soft Skills / Quant & Reasoning

Mail to: All Dy. HoDs / All Alt. HODs

Mail to: KL H HoDs..CSE / AI&DS / ECE / Coordinator-FED

Mail to: All students

Mail to: All faculty

Thanks & Regards

Dr. A. Jagadeesh
REGISTRAR (I/C)
KONERU LAKSHMAIAH EDUCATION FOUNDATION
(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)
Accredited by **NAAC** as '**A++**' Grade University ❖Approved by AICTE ❖ ISO 9001-2015 Certified
Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.
Phone No. **08645 - 350200**; **www.klef.ac.in; www.klef.edu.in; www.kluniversity.in**

DEPARTMENT OF MECHANICAL ENGINEERING
Robotics & Mechatronics Group
A.Y 2022-2023 Even Semester
Alumni Guest Lecture

Title: Present Scenario in Artificial Intelligence and Machine Learning (AI & ML)

Date: 24-12-2022

Venue: Online and offline (CAD Lab)

Time: 11.00 am to 1.00 pm

Resource Person: Mr.M.V.N. Bharath Kumar,

System Engineer,

Infosys, Hyderabad.

Summary of the Alumni GL:

AI is a branch of science and assist machines to find solutions to complex problems in a more human-like fashion. It is the future of Next Generation Technology. It encompasses variety of disciplines like Medical, Finance, Engineering. It is the main tool behind new-age innovation and discoveries like driverless cars or disease detecting algorithm. Generalized AI is worth thinking about because it stretches our imaginations and it gets us to think about our core values and issues of choice.

AI is trained final output machine which mimic like human brain, Ex: Amazon Alexa. ML is a subset of AI. It is a technique to achieve AI. Ex: Spam Detection. We are now solving problems with machine learning and AI that were in the realm of science fiction for the last several decades They increase user retention by sending reminders and notifications. They offer instant answers compared to human assistants, thus reducing response time. Chatbots provide upselling opportunities through personalized approach.

They increase user retention by sending reminders and notifications and offer instant answers compared to human assistants, thus reducing response time. Chatbots provide upselling opportunities through personalized approach. Implementation of artificial intelligence makes it possible for online stores to use the smallest piece of data about every followed link or hover to personalize your experience on a deeper level. This personalization results into timely alerts, messages, visuals that should be particularly interesting to you, and dynamic content that modifies according to users' demand and supply.

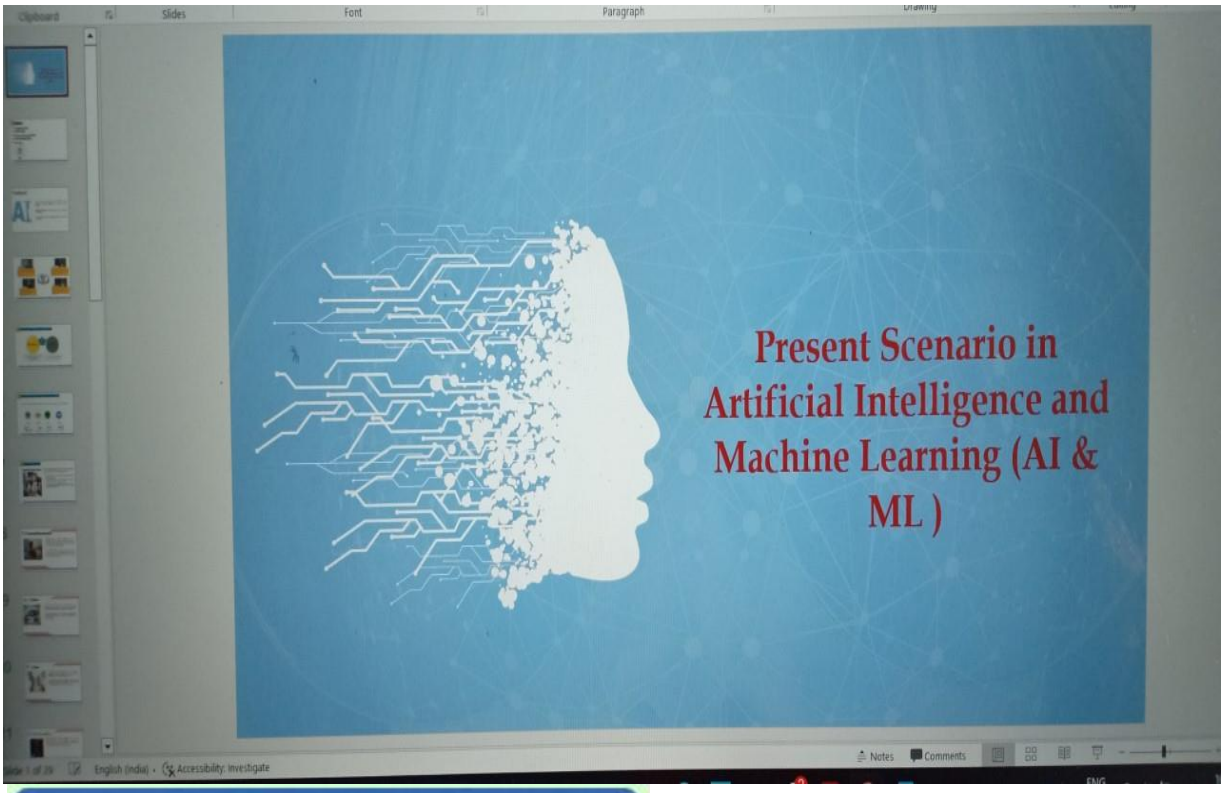
AI-enabled workflow assistants are aiding doctors free up their schedules, reducing time and cost by streamlining processes and opening up new avenues for the industry. In addition, AI-powered technology helps pathologists in analysing tissue samples and thus, in turn, making more accurate diagnosis. Automated advisors powered by AI, are capable of predicting the best portfolio or stock based on preferences by scanning the market data.

With autonomous vehicles running on the roads and autonomous drones delivering the shipments, a significant amount of transportation and service-related issues can be resolved faster and more effectively. With AI-enabled mapping, it scans road information and utilizes algorithms to identify the optimal route to take, be it in a bike, car, bus, train, or on foot. Facebook uses advanced machine learning to do everything from serving content to you and recognizing your face in photos to target users with advertising.

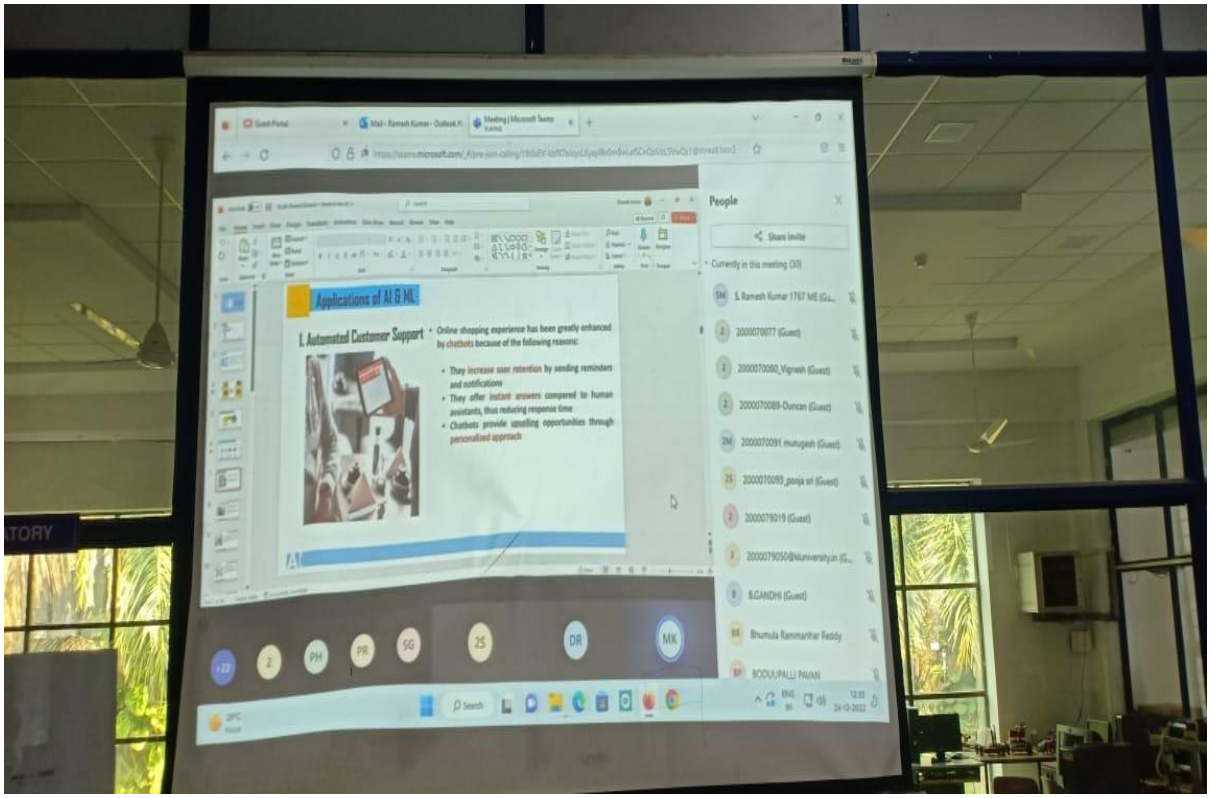
Instagram (owned by Facebook) uses AI to identify visuals. LinkedIn uses AI to offer job recommendations, suggest people you might like to connect with, and serve you specific posts in your feed. The connected devices of smart homes provide the data and the AI learns from that data to perform certain tasks without human intervention. AI-powered technologies can help musicians create new themes.

AI is making possible for humans to constantly monitor multiple channels with feeds coming in from a huge number of cameras at the same time. Start-ups ecosystem, has been nourished with the advent of technology, and has given rise to more evolved business processes. These days logistics, accounts, marketing and team performance & HR have all been supported by AI technology.

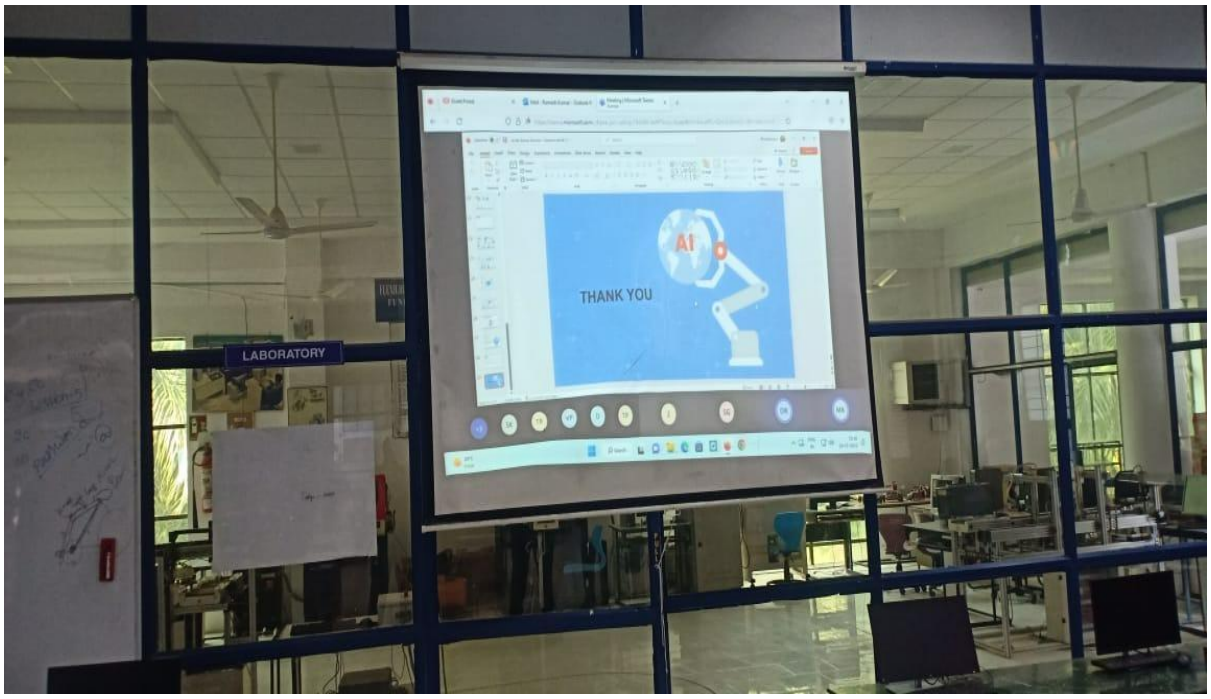
As an Artificial Intelligence aspirant, you have ample of job opportunities in this field. Artificial intelligence will transform the global economy, and AI jobs are in high demand. According to International Data Corporation (IDC), the number of AI jobs is expected to globally grow 16 percent this year. AI careers are future-proof, meaning they are likely to survive well into the future. Getting an education in AI is challenging and requires persistence and personal initiative.

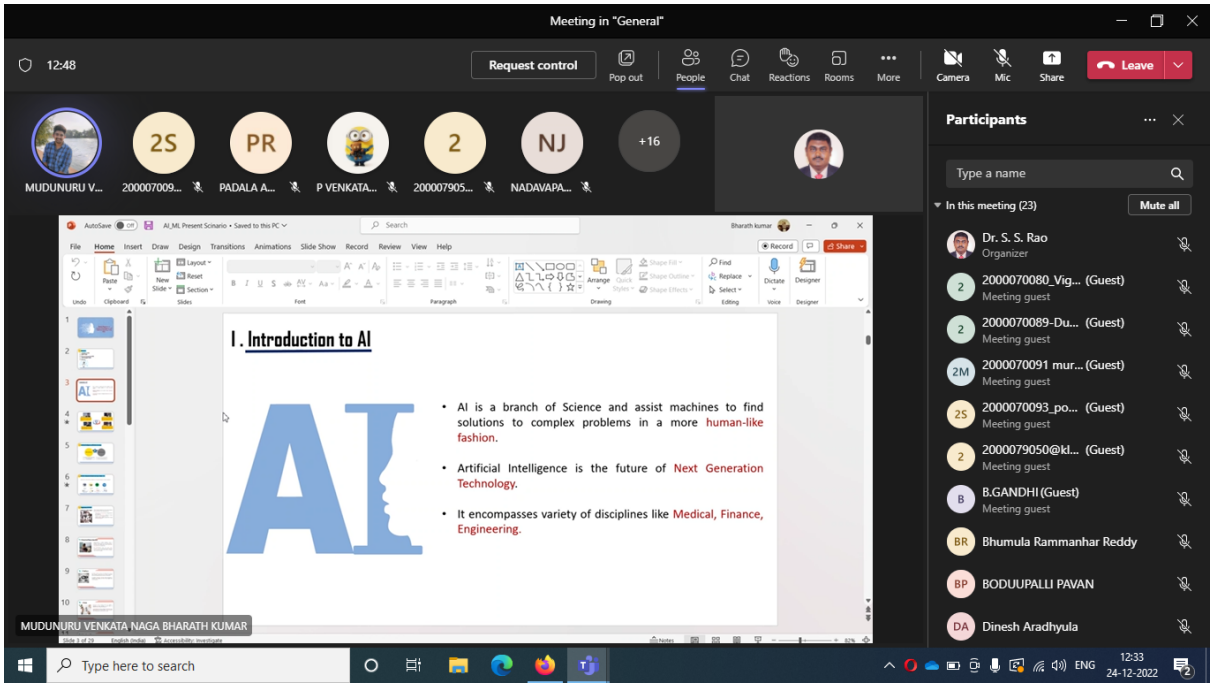


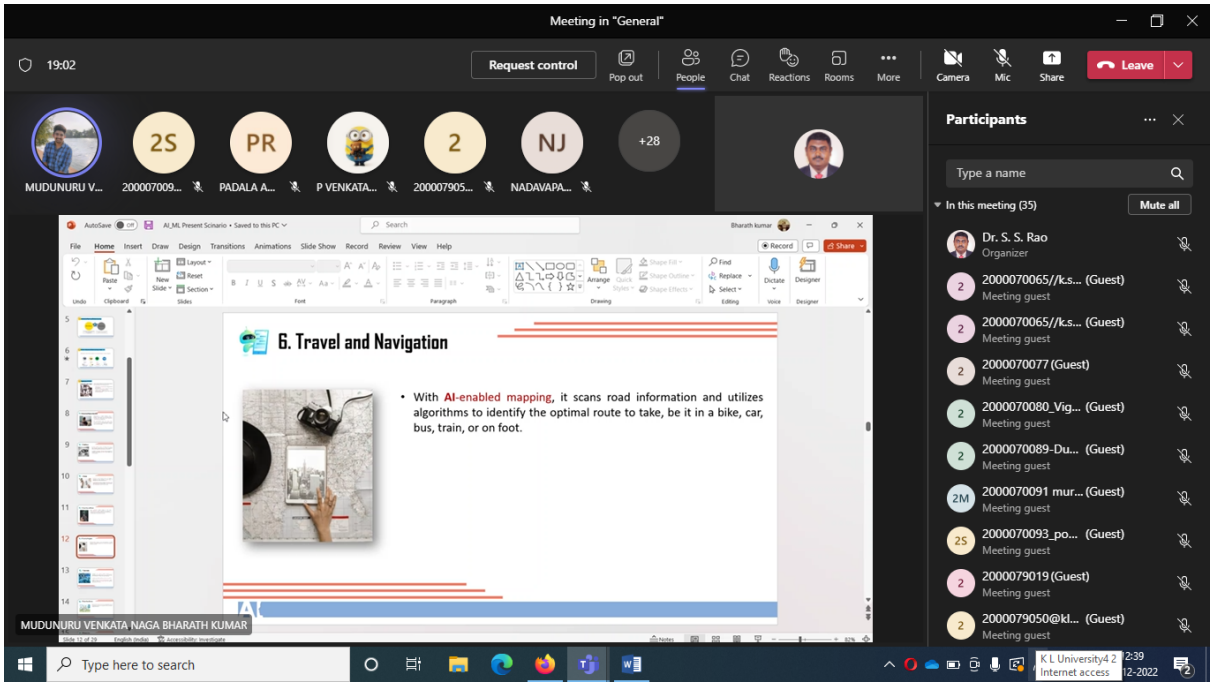
Resource Person : **Mr.M.V.N. Bharath Kumar,**


Applications of AI & ML
1. Automated Customer Support
Online shopping experience has been greatly enhanced by chatbots because of the following reasons:
They increase user retention by sending reminders and notifications
They offer instant answers compared to human assistants, thus reducing response time
Chatbots provide upselling opportunities through personalized approach
People
Share invite
Currently in this meeting (30)
S. Ramesh Kumar 1767 ME (Gu...
2000070077 (Guest)
2000070080_Vignesh (Guest)
2000070089-Duncan (Guest)
2000070091 murugesh (Guest)
2000070093_pooja sri (Guest)
2000079019 (Guest)
B.GANDHI (Guest)
Bhumula Rammanhar Reddy
BODUUPALLI PAVAN

AI


LABORATORY
AI
THANK YOU


Meeting in "General"
12:48
Request control
Pop out
People
Chat
Reactions
Rooms
More
Camera
Mic
Share
Leave
MUDUNURU V...
2S
200007009...
PR
PADALA A...
P VENKATA...
2
200007905...
NJ
NADAVAPA...
+16
Participants
Type a name
In this meeting (23)
Mute all
Dr. S. S. Rao
Organizer
2000070080_Vig... (Guest)
Meeting guest
2000070089-Du... (Guest)
Meeting guest
2000070091 mur... (Guest)
Meeting guest
2000070093_po... (Guest)
Meeting guest
2000079050@kl... (Guest)
Meeting guest
B.GANDHI (Guest)
Meeting guest
Bhumula Rammanhar Reddy
BODUUPALLI PAVAN
Dinesh Aradhyula
I. Introduction to AI
AI is a branch of Science and assist machines to find solutions to complex problems in a more human-like fashion.
Artificial Intelligence is the future of Next Generation Technology.
It encompasses variety of disciplines like Medical, Finance, Engineering.
MUDUNURU VENKATA NAGA BHARATH KUMAR
Type here to search
ENG
12:33
24-12-2022


Meeting in "General"
19:02
Request control
Pop out
People
Chat
Reactions
Rooms
More
Camera
Mic
Share
Leave
MUDUNURU V...
200007009...
PADALA A...
P VENKATA...
200007905...
NADAVAPA...
+28
Participants
Type a name
In this meeting (35)
Mute all
Dr. S. S. Rao
Organizer
2000070065//k.s... (Guest)
Meeting guest
2000070065//k.s... (Guest)
Meeting guest
2000070077 (Guest)
Meeting guest
2000070080_Vig... (Guest)
Meeting guest
2000070089-Du... (Guest)
Meeting guest
2000070091 mur... (Guest)
Meeting guest
2000070093_po... (Guest)
Meeting guest
2000079019 (Guest)
Meeting guest
2000079050@kl... (Guest)
Meeting guest
6. Travel and Navigation
With AI-enabled mapping, it scans road information and utilizes algorithms to identify the optimal route to take, be it in a bike, car, bus, train, or on foot.
MUDUNURU VENKATA NAGA BHARATH KUMAR
Type here to search
K L University4 2
Internet access
2:39
12-2022

KONERU LAKSHMAIAH EDUCATION FOUNDATION, VADDESWRAM
DEPARTMENT OF MECHANICAL ENGINEERING
ALUMNI GUEST LECTURE
ATTENDANCE SHEET

Time: 11AM **Date:** 24.12-2022

Sl.No.	Register No	Name	Signature
1	2000070094	B. Jandhi	Jandhi
2	2000070015	K. muralidhar	muralidhar
3	2000070033	P. Sandeep	Sandeep
4	2000070093	Ch. Pooja Sri	Pooja
5.	2000070080	N. Vignesh.	Vignesh
6	2000070091	Murugesh. K	Murugesh
7	2000070042	Ch. Santosh	Santosh
8	2000070077	M. satyavikas	[illegible]
9	2000070073	Sk. Raashid Pabbari	[illegible]
10	2000070031	N. venkat.	venkat
11	2000070034	P. ARJUNA REDDY	[illegible]
12	2000070059	P.V. HARSHITH	[illegible]
13	2000079035	A. DINESH	[illegible]
14	2000079019	K. Vamsi	Vamsi
15	2000070053	V.N. Rajendra prasad	V. Rajendra
16	2000079050	G. Prudhvi Teja	G. Prudhvi Teja
17.	2000070095	Sushan	Sushan
18	2000079046	K. venkatesh	K. venkatesh
19	2000079031	C. venkatesh	[illegible]
~~20~~	~~2000070015~~		
~~21~~	~~2000079035~~		
21	2000070065	K. Sohan Anirudh	[illegible]
22.	2000079015	G. Mahesh	[illegible]
23	2000070089	A. Renny Duncan	[illegible]
24	2000070088	Rafik Raymond	[illegible]
25	2000070049	T.N.V. Bramuth	[illegible]
26	2000070087	Sushant	[illegible]
27	2000070090	B. Pavan	[illegible]
28	2000070004	BCN. mouli	[illegible]
29	2000070052	Vamsi krishna	[illegible]
30	2000079051	S. Syamvenkata gopinadh	Gopi
31	2000079049	K. Bharath Abhinay Sai	K.B.A. Sai
32	2000079048	Ch. Vamsi krishna	Ch. Vamsi krishna
33	2000079039	S. Deepak	Deepak
34	2000079043	T. Gopichandu.	T. Gopi Chandu.
35	2000079042	G. Prasanna lakshmi Kumar	[illegible]
36	2000079045	B. Divakar	[illegible]