



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Ref: KLEF/RO/ECE/CIRCULAR

Date:07-02-2022

CIRCULAR

Sub: Organizing event “Robotics and AI: Bridging the Gap Workshop” for the students of Electronics and Communication Engineering, of Vaddeswaram Campus of KLEF – Reg.

This is to inform that the Department of Electronics and Communication Engineering, KLEF, is “Robotics and AI: Bridging the Gap Workshop” for the students of Electronics and communication Engineering, Vaddeswaram Campus of KLEF on, 11-02-2022, as details below:


Event Name: “Robotics and AI: Bridging the Gap Workshop”

Date: 11-02-2022

Venue: R604

All the students of ECE, are invited to attend this program.

Dy-HOD's & Year coordinators are requested to bring this information to the attention of all ECE students and encourage them to participate in this program.


HOD-ECE
Dr. M. SUMAN
Professor & Head
Department of ECE
K. L. E. F.
Green Fields, Vaddeswaram,
Guntur Dist., A.P. Pin- 522 502

To
All ECE Students,
All ECE Faculty,
Principal.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 11-02-2022

TIME: 5.30PM to 7.10PM

Venue: R604

Name of the Faculty Coordinator: Dr. S. Rooban

Name of the Event: Robotics and AI: Bridging the Gap Workshop

Event Category (ESO/TEC/CLH,IIE,HWB): TEC

List of student event Organizers:

190040068 BULLA POOJITHA REDDY

190040657 PEDARI BRAHMA VEDA

190040472 SHAIK MASTAN VALI

190040620 KOTA SAI

Objective of the Event:

The primary objective of the "Robotics and AI: Bridging the Gap Workshop" is to explore the convergence of robotics and artificial intelligence (AI) and facilitate a deeper understanding of how these two disciplines intersect and complement each other. This workshop aims to bridge the gap between robotics and AI by providing participants with insights into the synergies between these fields and their combined potential to drive innovation and solve complex challenges.

Description of the Event:

The "Robotics and AI: Bridging the Gap Workshop" is an interdisciplinary event designed to bring together professionals, researchers, and enthusiasts from the fields of robotics and artificial intelligence. Throughout the workshop, participants will engage in a series of interactive discussions, presentations, and hands-on activities aimed at exploring the relationship between robotics and AI and its implications for various applications and industries.

The event will kick off with an overview of robotics and AI technologies, covering key concepts, principles, and recent advancements in both fields. Participants will gain insights into the role of AI in robotics, including machine learning, computer vision, natural language

processing, and decision-making algorithms, and how these technologies are driving innovation in robotics applications.

As the workshop progresses, participants will delve into discussions on the integration of robotics and AI in real-world scenarios, such as autonomous vehicles, healthcare robotics, industrial automation, and smart cities. Key topics may include sensor fusion, perception and cognition, human-robot interaction, and ethical considerations in AI-driven robotics systems.

Through a combination of presentations, case studies, and interactive exercises, attendees will explore practical applications of robotics and AI, learning how these technologies can be combined to address complex challenges and create value in diverse domains. Expert speakers will share insights, best practices, and success stories, providing participants with actionable takeaways and practical strategies for leveraging the synergies between robotics and AI.

Outcome of the Event:

The "Robotics and AI: Bridging the Gap Workshop" is expected to yield several key outcomes for participants:

Deeper Understanding: Participants will gain a deeper understanding of the relationship between robotics and AI and their combined potential to drive innovation and solve complex challenges.

Insights into Synergies: Attendees will gain insights into the synergies between robotics and AI and how these two disciplines can complement each other to create intelligent and adaptive robotic systems.

Practical Applications: The workshop will provide practical examples and case studies of robotics and AI integration in real-world scenarios, enabling participants to envision and explore new possibilities for innovation.


Collaborative Opportunities: The event will provide a platform for networking and collaboration, enabling participants to connect with experts and peers from both robotics and AI communities, exchange ideas, and explore collaborative opportunities.


List of Participants

S.No	Reg. No	Name of the Participants	Signature
1	190040002	ABBINA HARI VYKUNTA KISHORE	A. Vykun
2	190040012	ALAPANA KRISHNA VAMSI REDDY	Krishna
3	190040085	KISTNANATHA CHENNU	C. Kistnanatha
4	190040134	GADELA AJAY KUMAR	Ajay G.
5	190040154	GORRIPATI V V S S D MANIKANTA	Manikanta
6	190040183	JAJJARA VENKATESH	Venkatesh
7	190040209	KAPARAPU LAKSHMI NAVEENA	Naveena -k
8	190040211	KARICLARLA LATHA NAGESWARI	Nageswari
9	190040214	KARRI PREM SATVIK REDDY	Satvik Reddy
10	190040230	KILARU NIKSHITH	Nikshith
11	190040299	LAKSHMI NARENDRA	Narendra
12	190040332	MOGANTI BHARGAV SAI KRISHNA	Sai Krishna
13	190040463	SHAIK AHAMAD GOUSE	Sk. Ahmad
14	190040465	SHAIK BAJI	Baji
15	190040488	SONTI SAMPATH KUMAR	Sampath Kumar
16	190040571	VINUKONDA SRUTHI HASINI	Sruthi
17	190040590	YERUKONDA SAILESH CHANDRA	Chandra
18	190040600	PASUVULA UMESH	Umesh
19	190040615	GADIYAM MAHENDHAR REDDY	Mahendhar
20	190040662	CHENGARI SUPREETH	Supreeth
21	190040665	SYAMALA BRAHMA REDDY	BRAHMA REDDY
22	190040669	KUSUMANCHI TARUN	Tarun
23	190049008	ARE ANJANI KRISHNA	Anjani
24	190080013	KARRI NAGA NAVYA SRI	Navya



Robotics, AI, and Automation: Driving Change Workshop at R604 on 11-02-2022


Faculty In-Charge
Dr. S. Rooban


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