Ref: KLEF/RO/ECE/CIRCULAR   **Date:06-11-2018**

CIRCULAR

Sub: Organizing event "Coding Robots: Programming Essentials Workshop" for the students of Electronics and Communication Engineering, of Vaddeswaram Campus of KLEF – Reg.

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      This is to inform that the Department of Electronics and Communication Engineering, KLEF, is Organizing a "Coding Robots: Programming Essentials Workshop" for the students of Electronics and communication Engineering, Vaddeswaram Campus of KLEF on, 08-11-2018, as details below:

      Event Name: "Coding Robots: Programming Essentials Workshop"

      Date: 08-11-2018

      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

Deputy HOD
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.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE:08-11-2018   TIME: 5.30PM to 7.10PM   Venue: R604

Name of the Faculty Coordinator: Dr. S. Rooban

Name of the Event: Coding Robots: Programming Essentials Workshop

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

List of student event Organizers:

170040711   PUCHAKAYALA SRI VENKATA AJAY SAI RAM

170040726   RAJABOINA VADDIKASULU

170040777   THARUN VENKATA SEEMAKURTHI

Objective of the Event:

The primary objective of the "Coding Robots: Programming Essentials Workshop" is to equip participants with the fundamental programming skills necessary for controlling and interacting with robots. This workshop aims to provide attendees with a hands-on learning experience, focusing on practical applications of coding in robotics, thereby enabling them to develop proficiency in programming robotic systems.

Description of the Event:

The "Coding Robots: Programming Essentials Workshop" is a comprehensive and interactive event designed for individuals interested in mastering the art of programming robots. Throughout the workshop, participants will embark on a journey into the world of robotics programming, guided by expert instructors with extensive experience in the field.

The event will commence with an introduction to programming essentials, covering key concepts such as variables, loops, conditional statements, and functions. Participants will then delve into hands-on coding activities, where they will learn how to program robots using popular programming languages such as Python, Arduino, or Blockly.

Through a series of guided exercises and interactive demonstrations, attendees will gain practical experience in writing code to control robot movements, perform tasks, and interact with sensors and actuators. Expert instructors will provide personalized guidance and support, ensuring that participants grasp the fundamental principles of robotics programming effectively.

Throughout the workshop, participants will have the opportunity to work with a variety of robotic platforms, ranging from simple educational kits to more advanced programmable robots. By engaging in practical coding exercises, attendees will develop confidence in their programming abilities and gain valuable insights into the inner workings of robotic systems.

By the conclusion of the event, participants will have acquired a solid foundation in robotics programming, enabling them to create their own robotic projects and prototypes. Armed with this newfound knowledge and skills, attendees will be well-equipped to pursue further opportunities in robotics development, research, and innovation.
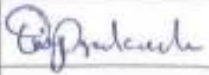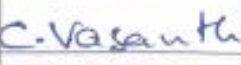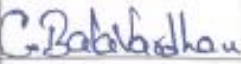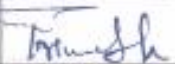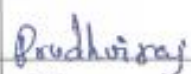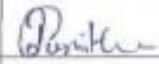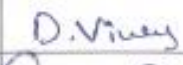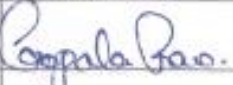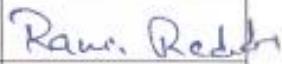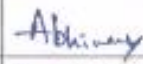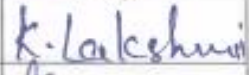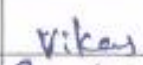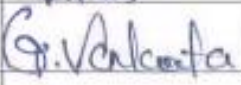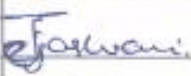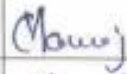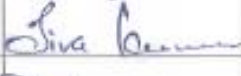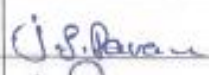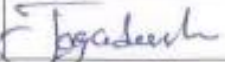
Outcome of the Event:

The "Coding Robots: Programming Essentials Workshop" is expected to yield several key outcomes for participants: Proficiency in Programming: Participants will develop proficiency in programming languages commonly used in robotics, including Python, Arduino, or Blockly.

Hands-On Experience: Attendees will gain practical experience in coding robots, enabling them to apply their programming skills to control robot movements, perform tasks, and interact with sensors and actuators. Problem-Solving Abilities: Through hands-on coding activities, participants will enhance their problem-solving skills, essential for addressing real-world challenges in robotics programming.

Community Building: The event will provide a platform for networking and collaboration, fostering connections among participants and experts in the field of robotics programming.

List of Participants

S.No	Reg. No	Name of the Participants	Signature
1	170040101	OM PRAKASH BIKKINA	
2	170040145	CHEBROLU VASANTH KUMAR	
3	170040169	CHIRUMAMILLA BALA VARDHAN	
4	170040172	CHITTA TRINADH REDDY	
5	170040178	CHOWDARI PRUDHVI RAJ	
6	170040195	DESINEEDI PURNITHA KANAKA SAI	
7	170040204	DHULIPALLA VINAY	
8	170040258	GONEPALLI GOPALA RAO	
9	170040275	GUNDU SAI LOKESH	
10	170040344	KAMATHAM RAMI REDDY	
11	170040366	KANNEGANTI ABHINAY	
12	170040372	KAREDLA LAKSHMI	
13	170040380	KASIREDDY MAHINDRA REDDY	
14	170040394	KESA VIKAS	
15	180040750	GANNAVARAM.VENKATA	
16	180040751	PALLAPOTULA SAI TEJASWI	
17	180040752	CHERUKUTHOTA VENKATESH	
18	180040079	GADDE MANOJ VARDHAN	
19	180049003	B SIVA KUMAR	
20	180049007	IRRINKI NAGA DURGA RAJESH	
21	180049008	JAKKKAM SETTI PAVAN P	
22	180049009	K SAI PRASANTH	
23	180049010	KADALI JAGADEESH	

S.No	Reg. No	Name of the Participants	Signature
24	170040209	DONTEBOINA ARTHI	
25	170040227	GADIPARTHI VINAY KUMAR	
26	170040232	GANDHAM UMA SRI AISWARYA	
27	170040238	GANJI SRUJANA	
28	170040254	GOLLA YASWANTH SAI	
29	180049016	MOGHAL AJGARVALI	
30	180049017	NICHENAMETLA NEERAJ	
31	180049019	SHAIK NAGUL MEERA	
32	180049020	SHAIK THAHERUNNISA	
33	180049021	SINGAM SETTY UPENDRA S N	
34	180049023	VAMPOLU KALYANI LAXMI	
35	180049025	DIVYA ALLI	
36	170040417	KOLLIPARA VENKATA SAI DEEPAK	
37	170040479	LAKKARAJU SAI CHAITANYA	
38	170040495	MADDALI VAMSI KRISHNA SAI	

Coding Robots: Programming Essentials Workshop at R604 on 08-11-2018

Faculty In-Charge

HoD
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