INDUSTRY 4.0 CLUBS

ROBOTICS CLUB

Departments of ME and ECE presents

A SESSION ON

ROBOTIC PROGRAMMING

Date: 08-01-2024

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437
(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)
(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)
Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

ROBOTICS CLUB

Date: 02-01-2024

CIRCULAR

It is to inform to all the students of B.Tech II and III Year of ME and ECE that the college Robotics Club of Department of Mechanical Engineering and Department of Electronics and Communications Engineering of Pragati Engineering College is organizing a session on Robotic Programming on 08-01-2024. Interested students can enrol their names with the Robotics club student coordinators.

For further details contact Faculty Coordinator, Mr. GVN Santhosh, Associate Professor, Department of Mechanical Engineering.

Venue: MG3, ARC Lab, Ground Floor, Mechanical Block
Time of the session: 02.00 – 03.30 PM

Faculty Coordinator

Copy to:
1) Circulate among students and staff
2) Department Notice Board
3) Department File
4) Principal for Information

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ROBOTICS CLUB

Date: 08-01-2024

REPORT ON

A **SESSION** ON **ROBOTIC PROGRAMMING**

As part of the Industry 4.0 Clubs, the Robotics Club of Pragati Engineering College conducted a session on **Robotic Programming** on 08-01-2024 for the students of Department of Mechanical Engineering and Department of Electronics and Communications Engineering. A total of 30 students of II and III B.Tech have participated in the session.

In this session students were familiarized with Robot Programming and also had hands on experience in controlling the Robot using CProg Software.

The simulation and programming environment CPRog offers the possibility to program the robots with the help of an extensive 3D visualization. This Windows software can be used as a complete controller in the training and maker area. Due to the modular design different kinematics and motor drivers can be controlled. The CPRog programming environment allows control and programming of the robolink robot arm. You can work both online and offline, i.e. without robots.
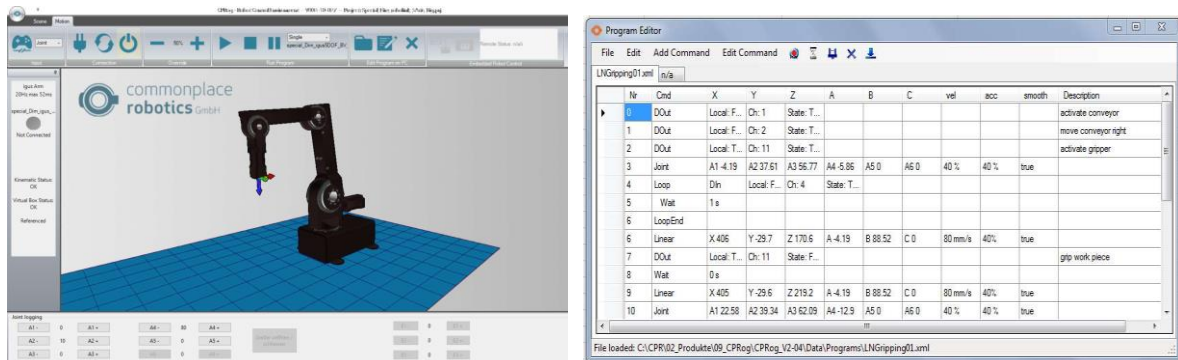
The session was conducted by ARC Lab Incharge and Faculty Coordinator Mr. GVN Santhosh, Associate Professor, Department of Mechanical Engineering.

List of students attended the session

S.No.	Roll No.	Name of the Student	Branch	Year
1	21A31A04Q8	ASHA LATHA PEDDISETTI	ECE	III
2	21A31A04R4	ABHINAYASRI KANIKELLA	ECE	III
3	21A31A04R8	M SRI LAKSHMI SARANYA	ECE	III
4	21A31A04R9	LAKSHMI DURGA MEKA	ECE	III
5	21A31A04S0	VARSHITHA MOGASALA	ECE	III
6	21A31A04T3	V SANDHYA	ECE	III
7	22A31A04P8	VUYYURI SRI VISHNU PRIYA	ECE	II
8	22A31A04U8	M VIJAY BHARGAV	ECE	II
9	22A31A04V7	SHRIYANS NADELLA	ECE	II
10	21A31A0331	M AJAY KUMAR	ME	III
11	21A31A0337	SAI RAJESH	ME	III
12	21A31A0355	P DINESH	ME	III
13	22A35A0301	DONDAPATI VIJAYA SUKRUTHI	ME	III
14	22A35A0302	VASAMSETTI MALLIKA	ME	III
15	22A35A0307	SUBRAHMANYA SWAMY	ME	III
16	22A35A0314	KOMMUKURI PRAVEEN	ME	III
17	22A35A0317	N S V SIVA SAI LAKSHMAN ROYAL	ME	III
18	22A35A0324	S NOOKA SUBRHAMANYAM	ME	III
19	22A31A0346	V SAI SANDEEP	ME	II
20	22A31A0348	Y CHANDRAMOULI	ME	II
21	22A31A0362	KADARI SATYANARAYANA	ME	II
22	22A31A0364	KARRI ADI VISHNU SIVA KUMAR	ME	II
23	22A31A0365	KARRI MOHAN SAI	ME	II
24	22A31A0368	KONA SATHIBABU	ME	II
25	22A31A0380	PANTHAM SRIRAM	ME	II
26	22A31A0381	PEMMADI DANIEL RAJ	ME	II
27	22A31A0392	TEKUMUDI LOKESH	ME	II
28	22A31A0393	TUMMALAPALLI BHARATH KUMAR	ME	II
29	23A35A0313	NALLAMILLI JNANESWARI	ME	II
30	23A35A0314	RAYUDU KRISHNA SRI	ME	II

Faculty Coordinator