



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA





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THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
Website: www.theoxford.edu

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Seminar on “R & D IN INDUSTRIAL ROBOTIC AUTOMATION SYSTEM FOR INDUSTRY 4.0 ”

Children's Education Society ®
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560068




DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZING
A SEMINAR ON R&D IN INDUSTRIAL ROBOTIC
AUTOMATION SYSTEM FOR INDUSTRY 4.0

In association with IIC and IEEE
on 04-11-2022 at 11:00 AM

Patron
Dr. N. Kannan
Principal & President IIC
The Oxford College of Engineering

Co-Convenor
Dr Preetha Sharan
IEEE coordinator
The Oxford College of Engineering

Faculty Coordinator
Dr.B.Srilatha
Associate Professor
The Oxford College of Engineering



MR. NANDAGOPAL G
ASST.MANAGER
DIFACTO

Chief Patron
Shri S.N.V.L Narashima Raju
chairman
The Oxford Group of Institutions
Bangalore

Convener
Dr Manju Devi
Professor & Head,ECE
The Oxford College of Engineering

The Oxford college of Engineering, Bengaluru- Institution Innovation Council in association with Department of Electronics & Communication Engineering organized a Seminar on “R & D IN INDUSTRIAL ROBOTIC AUTOMATION SYSTEM FOR INDUSTRY 4.0 ” by Mr.Nandagopal, Assistant Manager, DIFACTO, Bangalore on 4th November 2022 from 11:00 AM to 1:00 PM through offline mode in ECE Seminar Hall 405.

Objectives of the Event :

- To familiarize about the industrial robotic Automation Systems

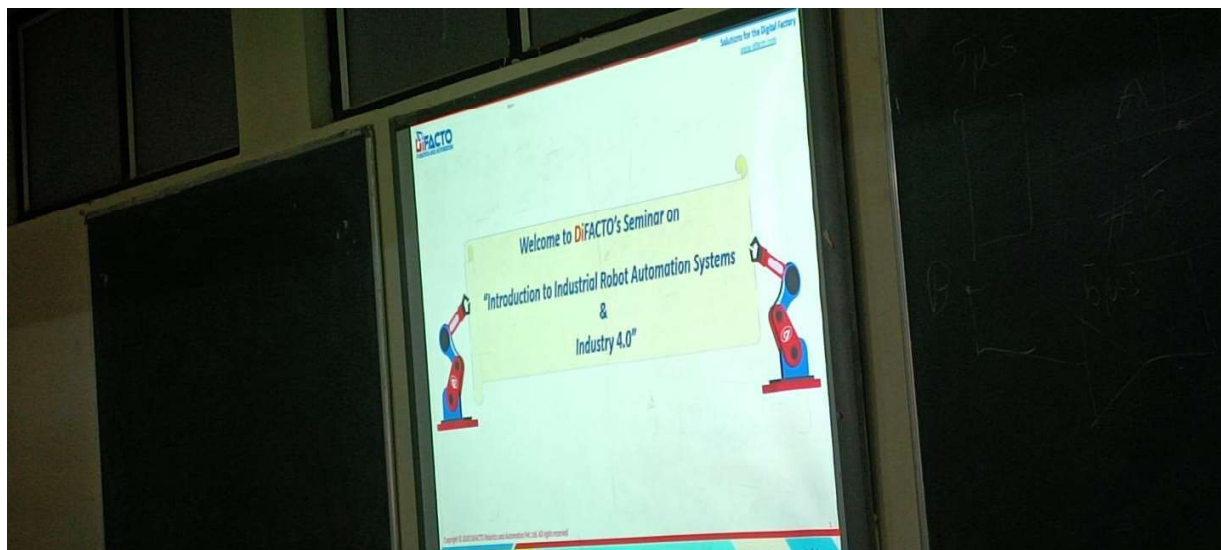
- To understand the requirements of Industry 4.0.
- To familiarize about the types of robot in different fields.
- Deep understanding of applications of industrial robotic automation systems.

The resource person has started the presentation with the detailed explanation on the types of robotics, Difference between human and robots, parts of robot and classification of robots.

The Speaker has also explained following things:

- The generation of robots and about the industrial revolution to it. History of industrial revolution gives us knowledge on how its evolved.
- The PNP ,PTP robots and SCARA Robot doing PNP of Elex. The types of robots gives knowledge on their applications.
- The detailed view on the robotic applications like space exploration using robots and robots in military.
- The automation systems and its applications
Automatic systems is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AS include expert systems, natural language processing, speech recognition and machine vision.

81 participants including and 2 faculties and 79 students from different departments participated in the event.







Feedback Link:

<https://forms.gle/vF8uV5ZNSCLB2Y8w7>

Outcomes of the Event:

The Participants are able to

- Familiarize with various types industrial robotic automation systems and its applications.
- Understand the requirements of industry 4.0 and its applications and its future scopes.
- Understand the necessary knowledge on industry4.0 in industrial robotic automation applications.

Seminar Attendance



THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BANGALORE - 68
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**Seminar on R & D in Industrial Robotic Automation System for
Industry 4.0**

By Mr. Nandagopal G, Asst. Manager, DIFACTO

04/11/2022

SL.NO	USN	NAME	Signature
1.	1OX20EC001	A NAVYA SREE	
2.	1OX20EC002	ADEL AUGUSTINE	
3.	1OX20EC003	AMOGHAVARSHA C K	
4.	1OX20EC004	S ASVITHA	
5.	1OX20EC006	AVINASH S	
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17.	1OX20EC019	D.SWARUP	
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19.	1OX20EC021	C.GOKUL NAIDU	
20.	1OX20EC022	HARIKA S	
21.	1OX20EC023	HARSHITHA.H.R	
22.	1OX20EC024	HOLEYAPPA S T	
23.	1OX20EC025	JAIPREET SINGH	
24.	1OX20EC026	JASHWANTH	
25.	1OX20EC027	K NAVYA MADHURI	
26.	1OX20EC028	KANUMA YASWANTH	

		REDDY	
27.	IOX20EC029	KARTHIK B	Ratna
28.	IOX20EC030	KAVAN ASHOK MALALI	Roshan B
29.	IOX20EC031	KEERTHI.B.T	Komalal
30.	IOX20EC032	KHADARSHA VALI SHAIK	Keerthi
31.	IOX20EC033	LAVANYA S	Khadarsh A
32.	IOX20EC034	MADHAN N	Lavanya S.
33.	IOX20EC035	MANOJKUMAR GN	Madhan N
34.	IOX20EC036	MAYUR P	M
35.	IOX20EC037	MEGHA BHINGE	M
36.	IOX20EC038	MS PRASANTH	Ms. Prashanth
37.	IOX20EC039	NANDAN R	Nandan R
38.	IOX20EC040	NAVEEN S	Naveen
39.	IOX20EC041	NIKITHA L	NPkitha
40.	IOX20EC042	P PRANAV	P Pranan
41.	IOX20EC043	POOJA V	Pooja V
42.	IOX20EC044	PRAJWAL HEGDE	Prajwal
43.	IOX20EC045	RACHANA P	Rachana P
44.	IOX20EC046	RAGHAV AGARWAL	Ragham
45.	IOX20EC047	RAHUL A	Rahul
46.	IOX20EC048	RAKSHITHA H	Rakshitha
47.	IOX20EC049	RANJITH KUMAR K	Ranjith
48.	IOX20EC050	RAVI VEERAPPA SANKESHWAR	Ravi
49.	IOX20EC051	NARASIMHA	Narasimha
50.	IOX20EC052	SACHIN SURESH THUPPAD	Sachin Suresh Thuppad
51.	IOX20EC053	SAJID NAZIR	Sajid
52.	IOX20EC054	SAKSHI GADIG	Sakshi
53.	IOX20EC055	SANCHITHA G S	Sanchitha
54.	IOX20EC056	SHAMBHAVI V N	Shambhavi
55.	IOX20EC057	SHASHANK SHEKHAR	Shashank
56.	IOX20EC058	SHREYA. N.U	Shreya N
57.	IOX20EC059	SHREYAS KUMAR SHETTY	Shreyas
58.	IOX20EC060	SHUBHA POOJAR	Shubha

59.	1OX20EC061	SHUBHAM M	
60.	1OX20EC062	SINCHANA K G	Sinchana
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64.	1OX20EC066	SRI GANESH BABU B	Sri Ganesh
65.	1OX20EC067	ABHILASH T	Abhilash
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68.	1OX20EC070	UJWAL B N	Ujwal
69.	1OX20EC071	UMME KULSUM	Umm Kulsum
70.	1OX20EC072	VANARAHUL B	Vanarahul
71.	1OX20EC073	VIDYA P G	Vidya P.G.
72.	1OX20EC074	VIJAYALAXMI B	Vijayalakshmi
73.	1OX20EC075	VIVEK D	Vivek
74.	1OX20EC076	YASHIKA G	Yashika
75.	1OX20EC077	YESHWINI J	Yeshwini
76.	1OX20EC078	YOGESH V M	Yogesh V.M.
77.	1OX20EC079	SINDHU REDDY	Sindhu Reddy
78.	1OX21EC0400	GOKUL RAJ	Gokul Raj
79.	1OX21EC401	TOHID BASHA	Tohid Basha

faculty coordinator

B8
4/11/2022

Dr. B. Srilathe
Associate professor
The Oxford college of Engineering
Bangalore.

Feedback Link:

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Time stamp	Email ID	Name	USN/Faculty	PHONE NUMBER	DEPARTMENT	Year	Rate the seminar	Is the seminar useful for you?	Any other suggestions
11/4/2022 22:13:01	raghavagrawal08@gmail.com	Raghav Agarwal	10X20EC046	8197281621	ECE	3rd	5	yes	No
11/4/2022 22:16:34	bhavanabhavanu0803@gmail.com	Bhavana k	10X20EC009	9916571120	ECE	3rd	5	yes	No
11/4/2022 22:19:17	navyamadhuri2001@gmail.com	K Navya Madhuri	10X20EC027	6360749682	ECE	3rd	5	yes	Good seminar ,got the view of industries
11/4/2022 22:40:53	indrasenareddy765@gmail.com	B Indrasena Reddy	10X20EC007	8095280078	ECE	3rd	5	yes	Nothing
11/4/2022 22:43:44	lonewolf101018@gmail.com	Adel Augustine	10X20EC002	7795243390	ECE	3rd	5	yes	Industrial visits
11/4/2022 23:27:04	chitrachitti1603199406@gmail.com	Chitra h u	10X20EC017	9113517294	ECE	3rd	4	yes	Good seminar ,got the view of industries
11/5/2022 6:41:55	Bvcdjuly23@gmail.com	Bhuvaneshwari V	10X20EC011	7619224317	ECE	3rd	5	yes	Good seminar ,got the view of industries
11/8/2022 15:55:38	Bvcdjuly23@gmail.com	Bhuvaneshwari v	10X20EC011	7619224317	ECE	3rd	4	yes	Good seminar ,got the view of industries
11/8/2022	navyareddy2904@gmail.com	A. NAVYASR	10X20EC001	9392723495	ECE	3rd	4	yes	GOOD