

SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Electrical and Electronics Engineering

7th October, 2022

Association of Electrical and Electronics Engineers in association with **M/S Festo India Pvt. Ltd.** is organizing an **Exhibition on Wheel - "The Expotainer"**, a custom built fully equipped, air-conditioned exhibition vehicle built on Volvo Chassis having a wide range of static and dynamic displays of latest products.

This exhibition will give the students and faculty, a valuable exposure to new developments in Industrial automation. On the advice of Festo, this exposure is initially given to the students of EEE, MEC and AUT branches.

Each visit requires about 30 minutes and around 10 batches are foreseen. In every batch, around 10 students with a faculty member considering COVID protocols with Mask and social distancing can visit the exhibition.

The faculty leading the batch of students will obtain the names of the interested students from the faculty advisors of the class, pick the students from the class (10 minutes ahead of their scheduled time), show them around the exhibition and leave them back in the classroom.

Venue: **SVCE campus (near Bus Bay – I / adjacent to Cafeteria @OAT)**
Date: **Monday, 10th October 2022**
Timings: **9:30 AM to 4:00 PM (30 minutes for each batch of students)**

The tentative batch schedule is given in the annexure.

K.R. Sankar
HOD/EEE 6.10.22

ANNEXURE

Sl.No.	Dept	Time	Class/Section	Name of the faculty (responsible to lead the students for the visit)
1	EEE	9.30 to 10.00 AM	IV year / 'A' section	M.Sankar AP/EEE
2		10.00 to 10.30 AM	IV year / 'B' section	
3		10.30 to 11.00 AM	III year / 'A' section	Ms.S.Anitha AP/EEE
4		11.00 to 11.30 AM	III year / 'B' section	Mr.D.S.Purushothaman AP/EEE
5	MEC	11.30 to 12.00 PM	IV year / 'A' section	Mr. M. Arul Kumar AP/MEC
6		12.00 to 12.30 PM	IV year / 'B' section	Mr. A. Kumaraswamy AP/MEC
Lunch break (12.30 PM to 1.00 PM)				
7	MEC	1.00 to 1.30 PM	III year / 'A' section	Mr. V. SenthilVelan AP/MEC
8		1.30 to 2.00 PM	III year / 'B' section	Dr. S. Muniraj AP/MEC
9	AUT	2.00 to 2.30 PM	IV year	Mr. R. Sakthivel AP/AUT
10		2.30 to 3.00 PM	III year	
3.00 to 4.00 PM – interested faculty and non-teaching staff				



SANKAR M EEE <msankar@svce.ac.in>

Exhibition on Wheel - "The Expotainer" - invitation - reg

HOD EEE <hodee@svce.ac.in>

Fri, Oct 7, 2022 at 3:07 PM

To: Secretary SVCE <secretary@svce.ac.in>, Principal SVCE <principal@svce.ac.in>, HODs Group <hod@svce.ac.in>, svcefacul
<svcefaculty@svce.ac.in>, SVCE-Supporting Staff <svcesupport@svce.ac.in>

Dear Sir/Madam,

The Department of Electrical and Electronics Engineering in association with **M/S FESTO India Pvt. Ltd.** is organising an Exhibition on Wheel - "The Expotainer".

Details of the exhibition, schedule and invitation are attached herewith.

Venue: **SVCE campus (Near Bus Bay – I / adjacent to Cafeteria @OAT)**

Date: **Monday, 10th October 2022**

Timings: **9:30 AM to 4:00 PM (30 minutes for each batch of students)**





All are cordially invited.


Thanks & Regards,

Dr.KR.Santha,
Vice Principal & HOD/EE
SVCE

3 attachments

 **Exhibition invite.pdf**
22773K

 **Exhibition details.pdf**
377K

 **Schedule annexure.pdf**
244K



ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS

EXHIBITION ON WHEELS THE EXPOTAINER

10TH OCTOBER, 2022

CONVENOR

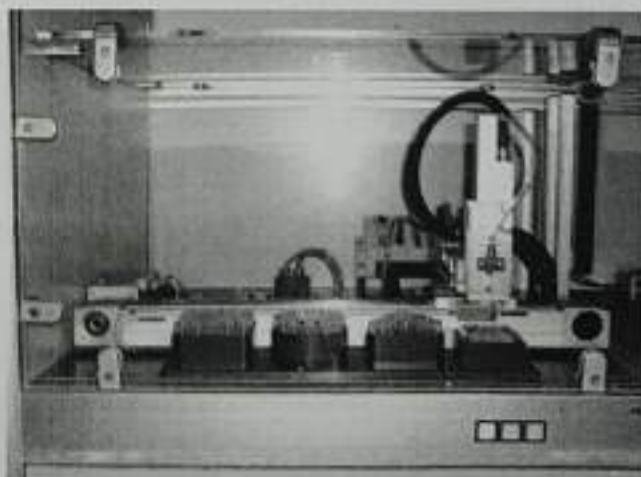
Dr.KR.Santha, Vice-Principal,
Professor & Head of Dept,
Department of EEE

CO-ORDINATORS

Mr.D.S.Purushothaman, Asst.Professor
Dr.M.Sankar, Asst.Professor
Mr.S.Sudharsanam, Asst.Professor
Department of EEE

STUDENT CO-ORDINATORS

Mr.Adithyan M, President
Mr.Hemanth T, Vice-President
Department of EEE



Sri Venkateswara College of Engineering
(An Autonomous Institution - Affiliated to Anna University)

Department of Electrical & Electronics Engineering

10/10/2022

REPORT on

Exhibition on Wheel - "The Expotainer"

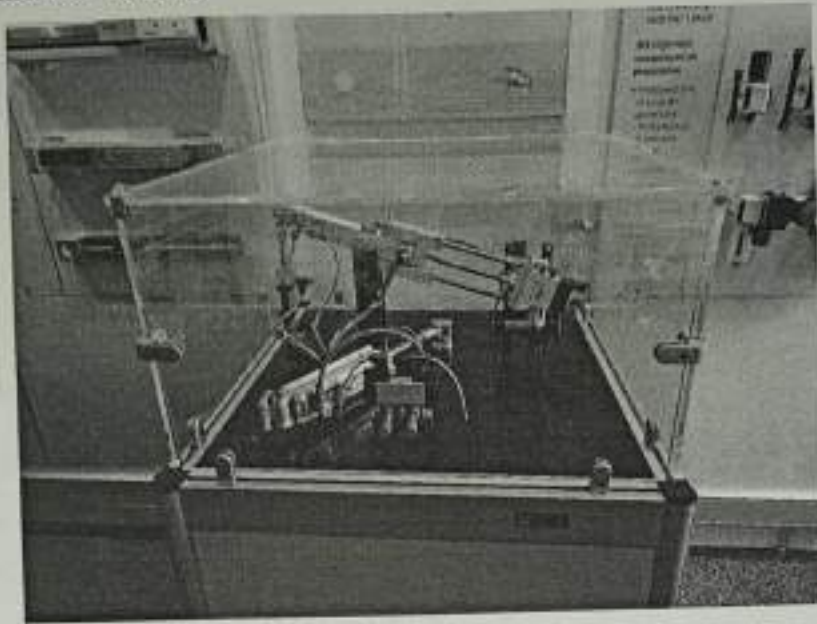
The Department of Electrical and Electronics Engineering in association with M/S Festo India Pvt. Ltd. organised an Exhibition on Wheel - "The Expotainer" on 10th October 2022.



The Festo Expotainer is a custom built fully equipped, air-conditioned exhibition vehicle built on Volvo Chassis having a wide range of static and dynamic displays of latest products. It comprised:

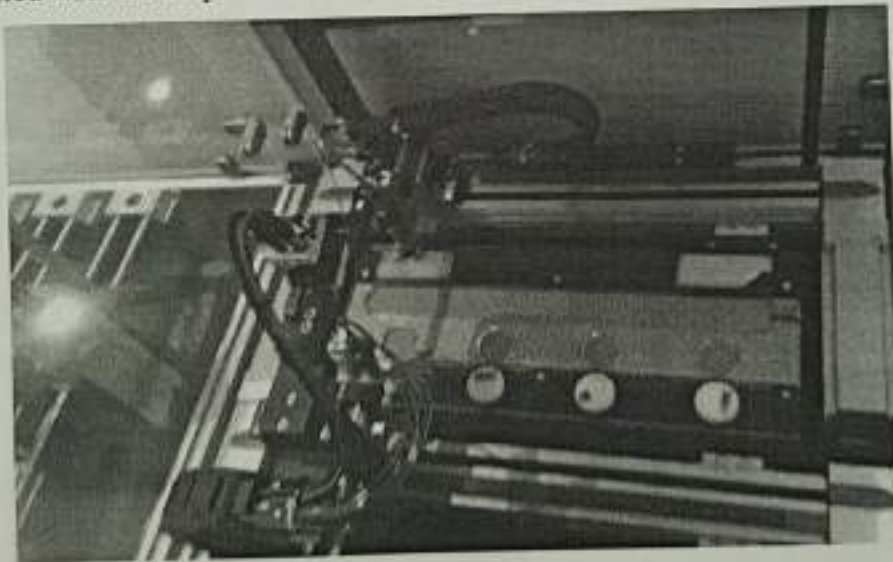
OBJECTS PICK AND PLACE USING PNEUMATIC CYLINDERS

Robotic arm is used to pick and place the objects. Pneumatic cylinders were used to control the movement of the arm.



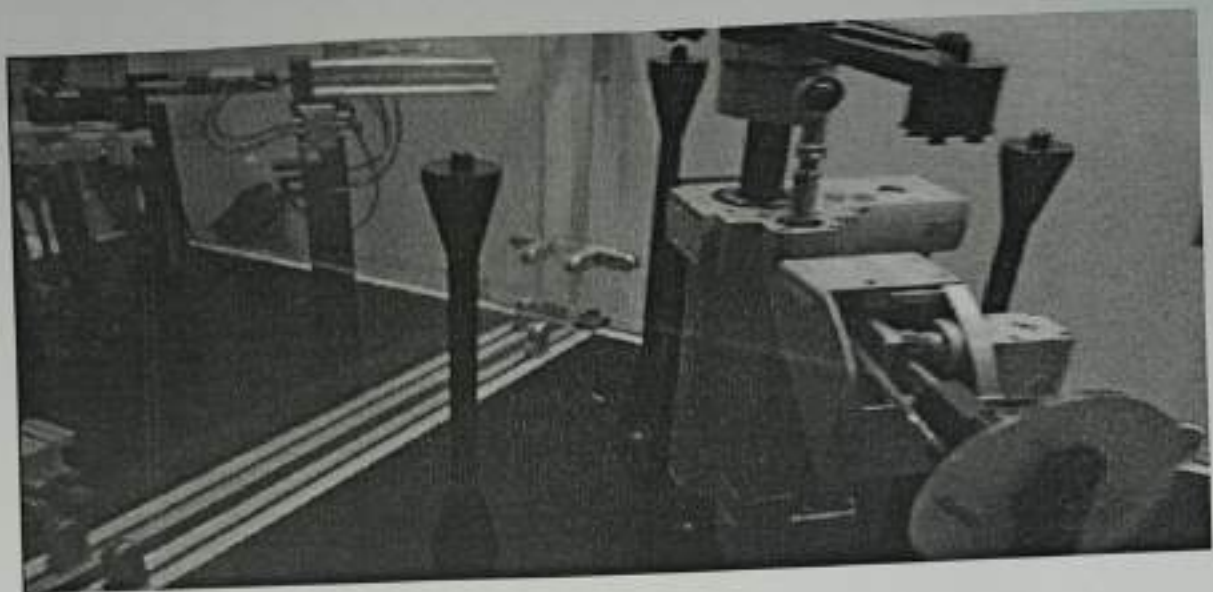
AUTOMATIC STAMPING MACHINE:

This machine will stamp the items that are going in the conveyer belt. The stamping is done and verified with the help of the feedback from a high-speed digital camera sensor.



AUTOMATIC CD LOADER:

A CD loading machine which is capable of picking the CD from the CD container and placing in the CD rider. CDs are picked with the help of small suction cups.



RECLINER CHAIR STRENGTH CHECKER:

Strength of the recycling chair is tested with the help of the single acting pneumatic cylinder. Different air pressure is given to the cylinder using the pressure control valve. The signal to the pressure control valve is given by the PLC.



Final year and third year students of Electrical and Electronics, Mechanical and Automobile students visited the Expotainer in batches of 15 students.



The Expotainer was parked near OAT for students batches to visit from 9.30AM to 3.00PM as per the schedule. Teaching Faculty and Supporting faculty visited from 3.00PM to 4.00PM. The students and staff got benefited on knowing the components and processes of Industrial Automation.

[Signature]
11.10.22
HOD/EEE