DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

Event Name: CSI INDUSTRIAL VISIT 2024

Venue : Siemens Lab Of Excellence – Andhra University

Date: 17th February, 2024

Computer Society of India(CSI) is the first and largest body of computer professionals in India. In February 2024, the Computer Society of India (CSI), in collaboration with the Institution's Innovation Council (IIC), embarked on an impactful "INDUSTRIAL VISIT 2024" to Siemens Lab of Excellence at Andhra University. This endeavor unfolded as a pivotal component of the CSI's student chapter activities, aiming to provide students with invaluable insights into industrial practices and real-world applications within the field of computer science.

The collaborative effort with IIC added a dynamic dimension to the visit, enriching the overall experience for participants. Andhra University, with its esteemed reputation, served as an ideal venue, allowing students to explore cutting-edge technologies and witness the convergence of academic research and industrial innovation. The visit was carefully designed to elevate the traditional concept of an industrial excursion, integrating a coding-focused competition to cultivate and enhance students' coding skills and problem-solving abilities.

Andhra University, in collaboration with the Innovation and Incubation Center (IIC), with its esteemed reputation, served as an ideal backdrop for this intellectually stimulating endeavor. Participants were not only exposed to the vibrant academic atmosphere but also had the opportunity to explore the university's state-of-the-art facilities, further enriching their learning experience.

Additionally, the industrial visit included a stop at the Siemens Lab of Excellence, enhancing the exposure of students to cutting-edge technologies and industry collaborations. This segment of the visit allowed participants to witness firsthand the intersection of academic research and industrial innovation, bridging the gap between theory and practice.

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

During the "INDUSTRIAL VISIT 2024" organized by the Computer Society of India (CSI) in February 2024, participants had the opportunity to explore various cutting-edge laboratories, each focusing on different aspects of technology. Here's a brief description of the labs visited:

1. Mechatronics Lab:
 The Mechatronics Lab is a facility that integrates mechanical engineering, electronics, computer science, and control engineering to design and create intelligent systems and products. Participants explored the interdisciplinary nature of mechatronics, witnessing the fusion of mechanical components with sensors, actuators, and computer control systems. This lab showcased real-world applications, such as robotic systems and automated manufacturing processes.

2.CNC Lab (Computer Numerical Control):
The CNC Lab is dedicated to Computer Numerical Control technology, which involves the use of computers to control machine tools and manufacturing processes. Participants gained insights into precision machining and learned how CNC technology is employed in various industries for tasks such as milling, turning, and drilling. The lab visit provided hands-on experiences with CNC machines, illustrating the role of computer programming in achieving accurate and efficient manufacturing.

3. Automation Lab:
 The Automation Lab focused on systems and technologies that enhance efficiency and reduce human intervention in various processes. Participants witnessed the implementation of automated control systems in industries, emphasizing the role of sensors, actuators, and programmable logic controllers (PLCs). The lab visit highlighted the significance of automation in improving productivity and reliability across different sectors.

4.IoT Lab (Internet of Things):
The IoT Lab centered on the interconnectedness of devices and their ability to communicate and exchange data. Participants explored the world of IoT applications, understanding how sensors, actuators, and embedded systems work together to create smart and interconnected solutions. The lab visit provided insights into real-world implementations of IoT, ranging from smart home devices to industrial applications.

5.Hardware Lab:
The Hardware Lab featured hands-on experiences with electronic hardware components and systems. Participants delved into the design and implementation of electronic circuits, gaining practical knowledge about microcontrollers, sensors, and communication interfaces. The lab visit emphasized the importance of hardware design in creating robust and reliable computing systems.

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

Participants list:

Roll Number	Name of the student	Year Of Study	Branch
23u41a4435	S. Venkata kavya	1	CSD
23u41a4419	K. Jahnavi	1	CSD
23U41A4433	P. Preethi Sri Varsha	1	CSD
23u41a4279	Rapeta Lakshmi Narayana Naidu	1	CSM
23U41A4413	Ethakota Bhargavi	1	CSD
23u41a4441	yadagiri charishma	1	CSD
23U41A4408	BONDA LAKSHMI RAM	1	CSD
23u41a4410	Dhavala venkata Sri kousik	1	CSD
23U41A4440	V.S.V.N.PRAJNA	1	CSD
23U41A4429	MUTHA SUVARNA	1	CSD
23U41A4427	MANGI NITYA SAI VARDHANI	1	CSD
22U41A05B0	D.Navya sree laxmi	2	CSE
22u41a05a2	Yalala Sagar	2	CSE
22U41A0561	CH.MADHAVARAO	2	CSE
22U41A05C7	Mosuri Samhitha	2	CSE
22U41A05A7	B.S.S.L.Akshaya	2	CSE
22U41AO5D0	M.Pavali	2	CSE
22U41A0571	Gunturu Sashank Mouli	2	CSE
22U41A05D9	Ravi Pavani	2	CSE
22U41A05C1	Kolaparthi Jyotshna	2	CSE
22U41A4269	Yerrapalli Praveen kumar	2	CSM
21U41A0519	K.Jyothi	3	CSE
21U41A0515	K.Mounika Jyothi	3	CSE
21U41A0502	A.Vyjayanthi	3	CSE
21U41A0535	N.Chaitanya Pavani	3	CSE
21U41A0512	Sai mohitha Ganireddy	3	CSE
21U41A0597	POLA HARSHITHA.	3	CSE
21U41A0545	Rongali Indhira	3	CSE
21U41A0529	S Renuka	3	CSE
21U41A0542	P.Aditya	**3**	CSE

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

21U41A0547	S.likhitha	3	CSE
21u41A40538	p Sri kavya	3	cse
21U41A0544	R.Hemanjalee	3	CSE
21U41A0523	KONA ANAND	3	CSE
21U41A0510	Ella Kumar Swamy	3	CSE
21U41A0553	Yandrapu Jaya sree	3	CSE
21U41A0582	Malla Thanuja	3	CSE
21u41a4257	K Satya Gopal	3	CSM
21u41a4278	S Jaya Prakash	3	CSM
21u41a0594	Pindi Chandana	3	CSE
21U41A4414	GORLI DURGA SRI LAKSHMI	3	CSD
21u41a4269	MANDAPATI VIJAYA LAXMI PRASEEDHA	3	CSM
21U41A05D2	KAVURU PUSHPANJALI	3	CSE
21U41A05E4	Neelam Deepthi	3	CSE
21u41a0511	Gandi Bhanu Prakash Sai	3	CSE
21U41A4406	B Chandini	3	CSD
21U41A4431	Pathri Hemalatha	3	CSD
21U41A4412	Geddamuri Ganesh	3	CSD
21U41A0559	Bandaru Haritha	3	CSE
21U41A0509	Doddi Tejaswani	3	CSE
21U41A0543	P Mounika	3	CSE

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Auronomous Institute)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in,9963694444 E-mail: info@diet.edu.in, academics@diet.edu.in

Feedback:

Title of the Activity _____

Venue: _____

Participant Name: _____

Branch & Dept: _____

1. The questions are relevant to your skills   1   2   3   4   5

2. Student Need to attempt the within time   1   2   3   4   5

Suggestions: _____

CSI Co-Ordinator   **HOD**   **Principal**