

Department of Information Technology

Utilization of MOU and Industry Supported Laboratories

Following expert lectures and workshops were organized by the IT department:

Details of Lab Utilization: 2023-2024

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	CDI	Expert talk on “Cyber security”	4th August 2023	S-130 F-04	<ul style="list-style-type: none">• Students got aware about cyber security.• Students got knowledge about how to create passwords so they can't be easily cracked.• Students got to know importance of their personal data how hacker's use their data to perform unethical activity for their personal benefit.• Students got direct guidance from industry expert which is helpful for their upcoming future.• Students got to know how to grab job and what are the skills they require to fit in the cyber security corporate world .

Chandigarh Engineering College, Landran

Department of Information Technology

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Details of Lab Utilization: 2022-2023

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	Cloud Techner	The Rise of Kubernetes	28th Sep 2022	Students Count- 60, Faculty count: 9	Students get aware about the latest trends in cloud technology.
2	ThinkNext Technologies Pvt. Ltd.	EXPERT SESSION on PROBLEM SOLVING AND IDEATION”	7 th Feb, 2023	Faculty count: 2 Students count: 92	Students got the knowledge about the future jobs in this area
3	Cloud Techner	Industrial Visit to Infosys DC Chandigarh	2nd May 2023	Faculty count: 4 Students count: 98	Students got knowledge about how to implement ideas with the help of recent technologies.

4	Dot 1 solutions	Interactive session on Systematic Innovation using Principles of Innovation	3rd Feb, 2023	Faculty count: 2 Students count: 58	Students got to know importance of Time and how to use it effectively.
5	CISCO Academy	2022-2023 CCNA Instructor Training	26 th Dec 2022 to 13 th	1	Students got direct guidance from industry expert which is helpful for their upcoming future.

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Details of Lab Utilization: 2021-2022

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	CISCO (Computer Information System Company)	Workshop On “Software Defined Networking”	04/06/22	54	Knowledge of Software Defined Networks and the underlying communication between hardware and network traffic
2	Infosys Campus Connect	Faculty Enablement Program On “Artificial Intelligence” Faculty Enablement Program On “Python Programming” Faculty Enablement Program On “Java Programming” Session on Process of Innovation Development &Technology Readiness Level	28/02/2022	223	Acquired knowledge on AI, Developed skills in Java and Python programming

3	Raju Bros Softech Private Limited	Latest Trends In AI & IO	29/04/2022	49	Knowledge of IoT and AI in today's scenario
4	Cyber Defence Intelligence Consulting Llp	Expert Talk on “Blockchain And The Future of Digital Assets”	17/02/2022	105	Knowledge of Blockchain, Cryptography and crypto currency, and different applications like tokenization, gaming, online voting helped in better understanding
5	Cloud Techner	Expert Session On “Role Of Cloud & Devops In It Modernization”	23/02/2022	119	Knowledge of different cloud platforms, development of modern industry dependent on Cloud and DevOps
6	Dot1 Solutions	Expert Talk On Use Cases On How Machine Intelligence (Ai, MI, Xr)* Enables Information Search & Customer Engagement	08/03/21	170	Knowledge of AI, ML and XR. Also the real time scenarios were explained.
7	Thinknext Technologies Pvt Ltd	Expert Session On Problem Solving And Ideation	05/03/22	47	Knowledge about how to implement ideas with the help of recent technologies. Also the importance of time management. The students were aware about the latest corporate trends.

8	Aniweb Designs Pvt. Ltd	Mentoring Session On Successful Entrepreneurship	18/09/ 2021	101	Student get knowledge to start entrepreneurship idea and get opportunity to part time job, Knowledge of investors, Idea pitching and discussions
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Details of Lab Utilization: 2020-2021

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	CISCO (Computer Information System Company)	Expert Talk on "Introduction to Networking Simulators"	21st Jan, 2021	45	The participants had a basic understanding of networking simulators and their usage. They are able to explore different networking simulators to simulate network scenarios and test network configurations.
2	Infosys campus Connect	Expert Talk on Future Learning	9 th Feb 2021	25	To inspire participants to embrace new technologies for learning.
3	Raju Bros Softech Private Limited	Student Training and Certification	10th June, 2021	25	More productive workforce with teachers and students equipped with the latest technology trends. Improved research opportunities for faculty and students. Benefits for companies at the industrial level with the use of IoT technology. Learning of multi-disciplinary techniques and equipment beyond the PTU curriculum for IT students.

Details of Lab Utilization: 2019-2020

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	CISCO (Computer Information System Company)	Expert Talk on "Introduction to Switches"	15/03/20	55	-The expert talk helped students to gain a better understanding of switches and their role in networking. Students also learned about the different types of switches and their applications, which will help them to make informed decisions while choosing networking.
2	Infosys campus Connect	Industrial visit	30 th Jan, 2020	56	-During the visit, students gained practical knowledge about the process of analyzing data and applying it on the industrial level. Many of the points explained theoretically were explained again practically. -Infosys is a perfect company to work with. Great exposure and nice infrastructure. They have highly professional and educated staff. Here are the few snapshots of the visit."
3	Raju Bros Softech Private Limited	Mentoring Session on "Successful Start-up Founders"	13 Feb, 2021	154	The session proved to be very informative as the students were told about the correct way to analyze and meet the market demands by finding innovative solutions and by the Future Competitive Analysis.
4	CDI	Expert Talk	07-Jul-19	25	Students gained knowledge about cyber security, ethical hacking, and internal system security. The practical sessions helped them understand Wi-Fi handshaking and the dark web.

Details of Lab Utilization: 2018-2019

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	Cisco (Computer Information System Company)	Expert Talk on "Introduction to Networking Devices	17-Apr-19	55	The students gained a comprehensive understanding of various networking devices such as routers, switches, hubs, and modems. They also learned about the functions and roles of each device in a network.
2	Infosys Campus Connect	Industrial Visit	04-Feb-19	25	The industrial visit provided students with a deeper understanding of the software industry, the latest technologies and industry trends, and an opportunity to interact with industry professionals and expand their network.

Details of Lab Utilization: 2017-2018

S. No.	Name of Industry/ Organization	Name of Activity	Date of Event	No. of Participants	Skill Development
1	CISCO (Computer Information System Company)	Expert Talk on "Introduction to Networking"	13-Oct-17	55	The attendees of the expert talk will gain a basic understanding of networking technologies, which can be further built upon for higher level networking courses and practical applications.
2	Infosys campus Connect	Industrial Visit	27-28 Feb 2018	55	The industrial visit provided students with a deeper understanding of the software industry, the latest technologies and industry trends, and an opportunity to interact with industry professionals and expand their network.