

**Department of Computer Science and Engineering**

**Content Beyond syllabus**

S. No	Delivery Mode	Details of CBS Delivery
1	<b>Lectures on CBS Topics</b>	Course faculty identify relevant topics aligned with industry trends and emerging technologies. These are seamlessly incorporated into regular classroom sessions to enrich students' knowledge beyond the prescribed curriculum.
2	<b>Laboratory-Based CBS Experiments</b>	Lab faculty integrate additional experiments that reflect current industrial practices or technological advancements. These activities are conducted during regular lab sessions to foster practical skills.
3	<b>Value-Added Courses</b>	The department organizes specialized courses that supplement the core syllabus. These courses focus on in-demand technologies, advanced skills, and career-oriented tools, offering students a competitive edge.
4	<b>Guest Lectures /Workshops</b>	Eminent academicians and industry professionals are invited to deliver lectures on cutting-edge topics. These sessions expose students to real-world challenges, industry expectations, and career opportunities.
5	<b>Industrial Visits</b>	Students participate in guided visits to industries where they observe operational workflows and gain practical insights. This experience bridges the gap between theoretical knowledge and industrial application.
6	<b>In-Plant Training</b>	In-plant training programs provide hands-on experience in industrial environments. Students apply their academic learning in real-world settings, enhancing their technical proficiency and professional understanding.
7	<b>Mock Interviews</b>	Mock interview sessions, led by internal faculty and industry experts, prepare students for recruitment drives. These interviews provide constructive feedback and boost students' confidence for real-world hiring scenarios.

### 1. Lectures on CBS Topics

II Year I Semester		
Course Code	Course Name	Content Beyond Syllabus
21CS417PC	Operating Systems	OS concepts simulated via games, deadlock avoidance activities.

### 2. Laboratory-Based CBS Experiments

II Year I Semester		
Course Code	Course Name	Content Beyond Syllabus
22CS636PC	Machine Learning	Implementation of random forest algorithm Implementation of on Ada boost algorithm

### 4. Guest Lectures /Workshops

#### Workshop Details 2022-2023:

S. No.	Workshop Title	Name of the event	Date-Month-Year	Resource Person	% of students
1	Programming Essentials with Python	Workshop conducted by TASK	27/06/2022 to 29/6/2022	Mr. Jaffer Pasha	123
2	Java Foundations	Workshop conducted by TASK	27/10/2022 to 31/10/2022	Mr. M. Pranay	168
3	Advanced Data Structures	GuestLecture on	12-12-2022	Dr. J.Rajesh Khanna	145
4	Advance networking	Work shop on Computer networking	21/10/2022 to 23/10/2022	Dr. S. Kiran	150
5	SoftwareTesting Tools	Work shop on Software Testing Methodologies	10/03/2023 to 12/03/2023	Mr. Mruthunjaya (srit)	150
6	FRONT END DEVELOPMENT HTML 5 & CSS 3	Work shop on WEB TECHNOLOGES	7/2/2023 to 9/2/2023	Ms.Rasagnya Kadari	70
7	New Generation Employability Program	Work shop on career development event	1/3/2023 to 13/3/2023	Mr.Md.Sarwar Babu	75

**Workshop Details 2023-2024:****Table: 2.2.4.5 List of hands-on workshops organized & Industry expert organized**

<b>S. No.</b>	<b>Workshop Title</b>	<b>Name of the event</b>	<b>Date-Month-Year</b>	<b>Resource Person with designation</b>	<b>Class/No. of Student</b>
1	Programming Essentials with Python	Workshop conducted by TASK	09/10/2023 to 11/10/2023	Mr. Jaffer Pasha	2nd Year CSE-B/69
2	Programming Essentials with Python	Workshop conducted by TASK	12/10/2023 to 13/10/2023	Mr. Jaffer Pasha	2nd Year CSE-A/70
3	Enlightening A Spark on Java	Workshop conducted by BITS	04/11/2023	Dr.V. Venkateshwarlu	2nd Year CSE/206
4	Artificial Intelligence, Machine Learning and Deep Learning Applications	NIT	04/12/2023 to 08/12/2023	From NIT,IIT and IIIT	Faculty and Scholars/ 30
5	Data Analytics With Cloud	EDUNET	30/10/2023	Mr.S.HariKrishna Mr.V.Shiva Mohan Babu	2nd Year CSE/206
6	Aptitude & Reasoning	Work shop by TASK	20/03/2024 to 21/03/2024	Mr.Jannu Rajesh	3rd Year CSE-A & C/139

**Workshop Details 2024-2025:****Table: 2.2.4.6 List of hands-on workshops organized & Industry expert lecture organised**

<b>S. No.</b>	<b>Workshop Title</b>	<b>Name of the event</b>	<b>Date-Month-Year</b>	<b>Resource Person with designation</b>	<b>Class/No. of Student</b>

1	Programming Essentials on Python, Django	Workshop conducted by TASK	04-11-24 to 09-11-24	Mr.V.Rakesh	3rd Year CSE-C /63
2	Programming Essentials on Python, Django	Workshop conducted by TASK	11-11-24 to 16-11-24	Mr.V.Rakesh	3rd Year CSE-CB/69
3	Front End Development-HTML & CSS	Workshop conducted by TASK	28-10-24 to 30-10-24	Ms.Siri Chandana	2nd Year CSE-C /61
4	Front End Development-HTML & CSS	Workshop conducted by TASK	24-10-24 to 28-10-24	Ms.Siri Chandana	2nd Year CSE-B/60
5	Front End Development-HTML & CSS	Workshop conducted by TASK	21-10-24 to 23-10-24	Ms.Siri Chandana	2nd Year CSE-A /70
6	Programming Skills in C & Data Structures	Work shop by BITS	19-12-24 to 21-12-24	Mr.G. Shiva Prasad	2nd Year CSE-A/70

## 5. Industrial Visits

S. No.	Industrial visit date(s)	Industries	Year	No. of Students
1	18.3.2024	Sathish Dhawan Space Center (SDSC)SHAR-ISRO	III-CSE	50
2	17.3.2023	T-HUB, Hyderabad	III-CSE	50
3	3.2.2022	Industrial Visit to Infosys-Sez, Hyderabad	III-CSE	50
4	8.11.2024	Sathish Dhawan Space Center (SDSC)SHAR-ISRO	III-CSE	32

## 6. In-Plant Training:

S.No	In-Plant Training	Academic Year	No.of Students
1	Internships	2024-2025	221
2		2023-2024	29
3		2022-2023	19