

PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL
(An Autonomous Institution affiliated to Anna University, Chennai)
Department of Computer Science and Engineering
COMPETENCY-BASED EDUCATION

Competency-Based Learning (CBL) emphasizes mastering over a traditional curriculum, nurturing a hands-on learning experience. In our department, alumni and senior students mentor juniors on coding platforms during lunch breaks and after classes, enhancing their problem-solving abilities and technical expertise.



Figure 1. Competency based learning session by Final year students on Problem- Solving and Data Structures & Algorithms (DSA)



Figure 2. Competency-based learning session by WiCyS Chapter leaders

Additionally, the WiCyS PSNACET Student Chapter organized a Capture the Flag (CTF) Challenge Practice and Class Sessions from May to December 2023, led by final-year students and alumni. These sessions aimed to promote peer learning, cybersecurity awareness, and hands-on problem-solving, further enriching students' technical competencies.

S.No	Event Name	Student Coordinator	Faculty Mentor	Academic Year	Date	Students Count
1.	Live demo on "Real Life Cyber threats"	Ayushi and Team 4th year/CSE	Dr. M. Buvana	2022-2023	15/03/2023	40
2.	Hack the box introduction	Leena Jessica and Team 3 rd year/CSE	Dr.M. Buvana	2022-2023	17/05/2023	40
3.	Data Structures and Problem Solving	Muthupandi and Team 3 rd year/CSE	Dr.N. Dhanalakshmi	2023-2024	19/08/2023	60
4.	Live demo on "System Hacking"	Aswin and Yuheswari 2nd year/CSE	Dr.M. Buvana	2023-2024	05/10/2023	40
5.	Onboarding CyberSecurity	Aswin 2nd year/CSE	Dr.M.Buvana	2023-2024	07/11/2023	40
6.	Byte Burst Series : Social	Joshva Rahul and Team	Dr.M.Buvana	2023-2024	01/12/2023	40

	Engineering	4th year/CSE				
7.	Cyber Savvy	Yuheswari 2nd year/CSE	Dr.M.Buvana	2023-2024	01/02/2024	40
8.	Cyber Sensei	Gurudayal 2nd year/CSE	Dr.M.Buvana	2024-2025	06/03/2024	40

Table 1. Sessions organized by the students under the guidance of Faculty Mentors

S.No	NAME	Year and Sec
1	S ARIRAM	I CSE A
2	P. DHINESHWARAN	I CSE A
3	S N BALA	I CSE A
4	G M ABHIJIT	I CSE A
5	O ARJHUN	I CSE A
6	A ANIS FATHIMA	I CSE A
7	M AYESHA SIDDIKA JALWA	I CSE A
8	GUNASRI V	I CSE B
9	HARISH PANDIAN L	I CSE B
10	HARSHITHA S (13.08.2004)	I CSE B
11	HRITHIK KUMAR K	I CSE B
12	JAGADEESWARAN A	I CSE B
13	JAI ABISHEIK B	I CSE B
14	JANANI S	I CSE B
15	JAYAPRIYA S	I CSE B
16	JEEVA R	I CSE B
17	JENOLIN SUGIRTHA S	I CSE B
18	JEYANTHI M	I CSE B
19	JEYAVARSHINI MK	I CSE B
20	JUMANA HASSIN S	I CSE B
21	KARTHICK G	I CSE B
22	KARUNYAA R	I CSE B
23	KISHOR M	I CSE B
24	LOGESHWAR S	I CSE B
25	MADHUMITHA S V	I CSE B
26	MAHESHWARI V	I CSE B

27	MONISHKUMAR S	I CSE C
28	NITHISH PRIYAN V S	I CSE C
29	PARTHIBAN R	I CSE C
30	PEER MOHAMED M	I CSE C
31	PRANAV RAJ T G	I CSE C
32	PRANESH M	I CSE C
33	MENAGA DEVI R	I CSE C
34	MUTHUMALAR C	I CSE C
35	NISHA A	I CSE C
36	RAGHUL M (09.07.2006)	I CSE C
37	RAMACHANDAR P	I CSE C
38	RAMAPRANAV M	I CSE C
39	RICHIE JOEN A	I CSE C
40	SABARI S	I CSE C
41	PREETHI ILLATHARASI S	I CSE C

Table 2. Namelist of students who attended the sessions handled by senior students

S.No	NAME	Year and Sec
1	AKASH	II CSE A
2	ARIKARA SUDHAN M	II CSE A
3	ARUL KUMAR K	II CSE A
4	ASWIN S	II CSE A
5	BHARATH RAJ P	II CSE A
6	DHARUN PANDI S	II CSE A
7	DINESHKUMAR S	II CSE A
8	GOKULNATH S	II CSE A
9	GOWTHAM K	II CSE A
10	GURUDAYAL U	II CSE A
11	HARI HARAN R	II CSE A
12	HARI PRASATH K	II CSE A
13	HARIKISHAN S	II CSE A
14	HARISH KUMAR R	II CSE B
15	JAISRI H	II CSE B

16	KESHIKA A S	II CSE B
17	MADAN SINGH T	II CSE B
18	MADHUVANDHANA	II CSE B
19	MANIKANDAN N	II CSE B
20	MUGESHKUMAR K	II CSE B
21	LOKESH K	II CSE B
22	NANDHA KUMAR S	II CSE B
23	SHANMATHI M	II CSE D
24	SHARMILA A	II CSE D
25	SHIFANA D	II CSE D
26	SHUNMUGA SUBRAMANIAN MA	II CSE D
27	SIMSON ROACH S	II CSE D
28	SOBA S	II CSE D
29	SOWDESHWARI V S	II CSE D
30	SRINITHI R	II CSE D
31	SWETHA S	II CSE D
32	VAIBAVALAKSHMI M	II CSE D
33	VIJAYAVIVINYA M	II CSE D
34	YASHWANTH	II CSE D
35	YUHESWARI V	II CSE D
36	YUVANESHWARAN G	II CSE D
37	KARTHIKEYAN R	II CSE B
38	JOFFIN RENOLD	II CSE B
39	BALA KRISHNAN	II CSE A
40	ELLAPPA	II CSE A

Table 3. Namelist of students who attended the sessions handled by WiCyS chapter leads

Name of the Students	Section	15/4	16/4	17/4	18/4	19/4	20/4	21/4	22/4	23/4	24/4	25/4	26/4
1. S. ABIRAM	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2. P. DHINESHWARAN	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3. S. N. BALA	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4. G. M. ABHIJIT	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5. O. ARJUN	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6. A. ANIS FATHIMA	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7. M. AYESHA SIDDIKA JALWA	1A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8. GUNASRI V	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9. HARISH PANDIAN L	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10. HARSHITHA S (13.08.2004)	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11. HRITHIK KUMAR K	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12. JAGADEESWARAN A	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13. JAJABISHEIK B	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14. JANANI S	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15. JAYAPRIYA S	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16. JEEVA R	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17. JENOLIN SUGIRTHA S	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18. JEYANTHI M	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19. JEYAVARSHINI MK	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20. JUMANA HASSIN S	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21. KARTHICK G	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22. KARUNYAA R	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23. KISHOR M	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24. LOGESHWAR S	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25. MADHUMITHA S V	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26. MAHESHWARI V	1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27. MONISHKUMAR S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28. NITHISH PRIYAN V S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29. PARTHIBAN R	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30. PEER MOHAMED M	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31. PRANAV RAJ T G	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32. PRANESH M	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33. MENAGA DEVI R	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34. MUTHUMALAR C	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35. NISHA A	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36. RAGHUL M (09.07.2006)	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37. RAMACHANDAR P	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38. RAMAPRANAV M	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39. RICHI JOEN A	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40. SABARI S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41. PREETHI ILLATHARASI S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Name of the Students	Section	15/4	16/4	17/4	18/4	19/4	20/4	21/4	22/4	23/4	24/4	25/4	26/4
42. PREETHI R	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
43. RAJANANDINI S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44. RUBHASHREE G	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45. SAHANA S	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
46. MOHIT VINAAKAR V	1C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
47. VINUVARSHAN K	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
48. VISHNUSANKAR K	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
49. TANUSH R	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50. YASWANTHINI M M	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
51. VISHWATHIGA N M	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
52. SATHYA ESWARI K	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
53. SIVARANJANI S	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54. VIGNESHWARAN M	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55. SANJAY G	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56. SANJAY RAJ M	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57. SANJAY KUMAR M	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58. SIVA RANJAN R	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
59. SANJAY KUMAR K S	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60. SANDHYA S	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
61. SHAMIKSAA R J	1D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Figure 3. Attendance sample for the sessions conducted by Final year students

PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY (An autonomous institution affiliated to Anna University) DEPARTMENT OF CSE				
WiCyS STUDENT CHAPTER Live Demo On Real Life Cyber Threats				
S.No	Name	Date	Yr&Section	
1	Abirami S	15.03.2023	I-A	✓
2	Adharshini K	16.03.2023	I-A	✓
3	Akash S M	17.03.2023	I-A	✓
4	Archanaa M	18.03.2023	I-A	✓
5	Chandrasekaran S	19.03.2023	I-A	✓
6	Dinny Paul Navis C	20.03.2023	I-B	✓
7	Gobhikasri M	21.03.2023	I-B	✓
8	Harikiran S	22.03.2023	I-B	✓
9	Harini G	23.03.2023	I-B	✓
10	Harish K	24.03.2023	I-B	✓
11	Harshitha S	25.03.2023	I-B	✓
12	Jeya Varshani J	26.03.2023	I-B	✓
13	Matheshwaran A S	27.03.2023	I-B	✓
14	Mohana Priya P	28.03.2023	I-C	✓
15	Sakthi G	29.03.2023	I-C	✓
16	Aswin S	30.03.2023	II-A	✓
17	Gurudayal U	31.03.2023	II-A	✓
18	Harikishan S	01.04.2023	II-A	✓
19	Hariprasath K	02.04.2023	II-A	✓
20	Harishma S	03.04.2023	II-B	✓
21	Kavinprasanth M	04.04.2023	II-B	✓
22	Lavanya R	05.04.2023	II-B	✓
23	Maduvandhana S	06.04.2023	II-B	✓
24	Moniga P	07.04.2023	II-B	✓
25	Nandha Kishore R	08.04.2023	II-B	✓
26	Pranav K R	09.04.2023	II-C	✓
27	Raghul R	10.04.2023	II-C	✓
28	Rajesh R	11.04.2023	II-C	✓
29	Ram Prakash T	12.04.2023	II-C	✓
30	Sabarish M	13.04.2023	II-C	✓
31	Sachin V B	14.04.2023	II-C	✓
32	Sanjay K	15.04.2023	II-C	✓
33	Sanja Jose J	16.04.2023	II-C	✓
34	Sanja S	17.04.2023	II-C	✓
35	Sarathiraja M	18.04.2023	II-C	✓
36	Sathish N	19.04.2023	II-C	✓
37	Shaheel Syed Abuthahir S	20.04.2023	II-C	✓

Figure 4. Attendance sample for the sessions conducted by WiCyS chapter leads