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	Faculty	Academic	Date	Students
		Coordinator	Mentor	Year		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	Dr.M.Buvana	2023-2024	01/02/2024	40
		2nd				
		year/CSE				
8.	Cyber Sensei	Gurudayal	Dr.M.Buvana	2024-2025	06/03/2024	40
		2nd				
		year/CSE				

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

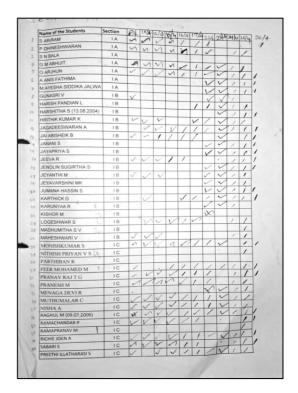
25	MONICHIZHMAD C	I CSE C
27	MONISHKUMAR S	TUSEU
28	NITHISH PRIYAN V S	I CSE C
29	PARTHIBAN R	I CSE C
30	PEER MOHAMED M	I CSE C
31	PRANAV RAJ T G	I CSE C
32	PRANESH M	I CSE C
33	MENAGA DEVI R	I CSE C
34	MUTHUMALAR C	I CSE C
35	NISHA A	I CSE C
36	RAGHUL M (09.07.2006)	I CSE C
37	RAMACHANDAR P	I CSE C
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



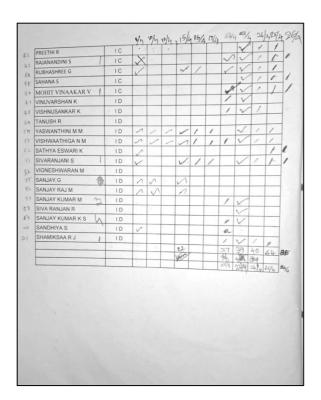


Figure 3. Attendance sample for the sessions conducted by Final year students

	(An autonon		ution affiliate ARTMENT OF		Iniversity)	
		WiCvs	STUDENT CH	LADTED		
	1		on Real Life Cvl			
		ave Demo (m Real Life Cyl	ber inreads		
S.No	Name	Date			-	
		Yr§ion	15.03.2023	16.03.2023	17.03.2023	18.03.2023
2	Abirami S	I-A	of also	F. Abirami S	as ale	osali
3	Adharshini K	I-A	e. and	F. Adhouhini	K. Duy	k.A.
4	Akash S M	I-A	Akach &M	Akashsm	Abuhah	AkashaM
-	Archanaa M	I-A	Archaina M	FAnchana .	Archara M	strchange 1
5	Chandrasekaran S	I-A	Gunt	Ant	gunt	Dro Par 100
6	Dinny Paul Navis C	I-C	Day Pred Drie	Dar Poul Dans	Dy An None	Gobbukasst
7	Gobhikasri M Hariharan S	I-B I-B		Gobhikasy M	61th Michael	C8000
8	Hariharan S Harini G	I-B	of Fare hary		17 7 W	G. Hose IN
10	Harini G Harish K	I-B	G. Hasani	& Hasini	St. Hosuni	O Hastini
11	Harish K. Harshitha S	I-B	K. Hastitha	K. Henst	K. Havish	Sylanlitte
12	Jeva Varshani J	I-B		J. Jeya Vorillani		
13	Matheshwaran A S	I-B	A. SMATEL	F. S. Notst	A.S. Math	As author
14	Matneshwaran A S Mohana Priva P	I-C			P.Mohana Parya	P. Moham I
15	Sakthi G	I-C	er Batthe	le Buttle	le Dahthi	le ontthi
16	Aswin S	II-A	& Amin	RANW IF	S-Brut D	SAWIF
17	Gurudaval U	II-A	AB	AB	Condradill	12.64
18	Harikishan S	II-A	6 Hari	6 Hora	6 Hari	& Harite
19	Hariprasath K	II-A	K. Hazi Dressth	k. Haipmasoth	K. Harpnesell	-
20	Harishma S	II-B	SHaushmy	S. Haushma	S. Haushma	S. Harishma
21	Kavinprasanth M	II-B	M. Krusin protect	N. Kaning narant		W Komin Promt
22	Lavanya R	II-B	R.Lavanya	F. Lena Jersica		
23	Maduvandhana S	II-B	S. Madhuwhdhour	S.Madhuwandhana.	S. Mahwamahana	S-Mathumhahan
24	Moniga P	II-B	Moniga P	Hexigo.P	Haige P	Monigo . P.
25	Nandha Kishore R	II-B	215	PL ST	a nais	8
26	Pranav K R	II-C	Prompir	1. K.R		Anna our sepa
27	Raghul S	II-C	Ragher	Raghul	Ragher	Roghul
28	Rajesh R	II-C	P-jesh P	Posesh. R	P ojest P	P yesh P
29	Ram Prakash T	II-C	200	400	100	ARCT.
30	Sabarish M	II-C	Magazieb	M. Jardy		11 5 18
31	Sachin V B	II-C	V-13. 8924	V.B. odd	N.8.03	V.B. 5
32	Saniav K	II-C	1.81 T	Stop 1/2	1.80	t.52
33	Sanju Jose J	II-C	181	Maria	1	- All I
34	Sanju S	II-C	Sals	Sal-S.	913	81181
35	Sarathiraja M	II-C	H .010	4 whom	M	Allend
36	Sathish N	II-C	N. Stal.	N. Sheeh.	n sotus.	1
37	Shaheel Syed Abuthahir S	II-C	2330	F. Laena Jerrica	1984	1001

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