



Estd - 1984

PSNA

COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution)

AICTE | Anna University | NBA | NAAC A++



Project Based Learning (PBL)



COMPUTER SCIENCE & ENGINEERING

Contents

S.NO	TOPICS
1.	Academic Mini Projects
2.	Hackathons & Project Competitions
3.	Niral Thiruvizha projects

PSNA College of Engineering and Technology, Dindigul
(An Autonomous Institution affiliated to Anna University, Chennai)

Department of Computer Science and Engineering

Academic Year 2023-2024

Mini Projects:

S.No.	Register No.	Name	Project Title
1	92132313189	Sakthi J	Develop An Application of Student Management Program Using Python
2	92132313190	Sandhiya S	
3	92132313191	Sanjay G	
4	92132313192	Sanjay Kumar K S	
5	92132313193	Sanjay Kumar M	
6	92132313194	Sanjay Raj M	
7	92132313195	Sankari M	
8	92132313196	Santhiya L	
9	92132313197	Santhiya S	
10	92132313198	Santhosh Kumar S	
11	92132313199	Saran Kumar R	Develop An Application Of Inventory Flow In Python
12	92132313200	Saranya S	
13	92132313201	Sarmathi M	
14	92132313202	Sasmika S M	
15	92132313203	Sathya Eswari K	
16	92132313204	Selvin Jefre B	
17	92132313205	Serafina J B	
18	92132313206	Shachin V P	
19	92132313207	Shambugamoorthi K	
20	92132313208	Shamiksaa R J	
21	92132313209	Sharan Dev M	Develop A Calculator Application Using Tkinter
22	92132313210	Sharmithasri T	
23	92132313211	Shereen Treesha A	
24	92132313212	Shwetha S M	
25	92132313213	Siva Ranjan R	
26	92132313214	Siva Saran K	
27	92132313215	Sivaharish P L	

28	92132313216	Sivaranjani S	
29	92132313217	Sivasankari S	
30	92132313218	Solairajan S	
31	92132313219	Sri Dharsan S	Develop An Application Of Digital Clock Using Python
32	92132313220	Sri Sivadharshini S	
33	92132313221	Sri Varshan S S	
34	92132313222	Srileka S	
35	92132313223	Srinidhi U	
36	92132313224	Srinithi B	
37	92132313225	Srinivas J	
38	92132313226	Sriram S	
39	92132313227	Sudharsan E	
40	92132313228	Sujitha M	
41	92132313229	Suriya Kumar R	Develop An Application Of Currency Converter Using Python
42	92132313230	Suriyakumaran R	
43	92132313231	Surya P	
44	92132313232	Tanush R	
45	92132313233	Thejni S	
46	92132313234	Thilak Babu T A	
47	92132313235	Tipikshaa V	
48	92132313236	Valarmathi M	
49	92132313237	Vasika K	
50	92132313238	Veeralakshmi N	
51	92132313239	Vengata Visva P S	Develop An Application Of Color Game Using Python
52	92132313240	Vidhya Dharanesh P K	
53	92132313241	Vignesh Kumar S P	
54	92132313242	Vigneshwaran M	
55	92132313243	Vijay Balaji P S	
56	92132313244	Vijay Kasthuri K	
57	92132313245	Vikram K	
58	92132313246	Vinubarshan K	
59	92132313247	Vishal C	
60	92132313248	Vishnusankar K	
61	92132313249	Vishwaathiga N M	
62	92132313250	Viyansa Mercy S	

63	92132313251	Yaswanthini M M	
64	92132313252	Yuvanraj A	

Table 1. Sample Mini project allocation for the course GE2125-Problem Solving and Python Programming

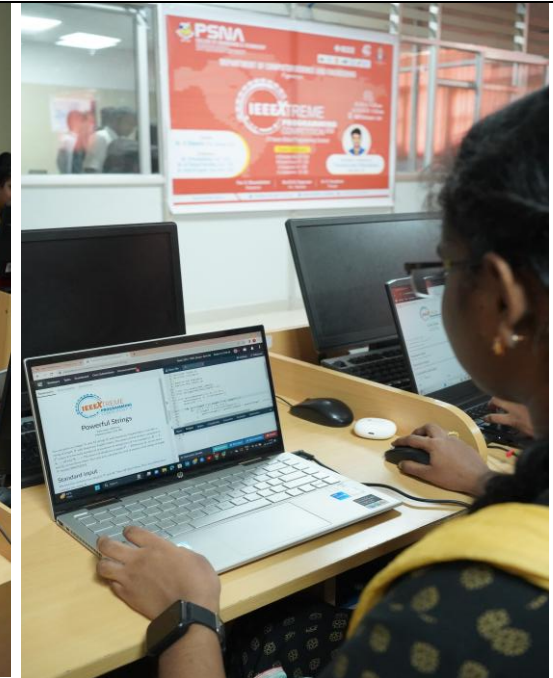
Hackathons and Project Competitions

SIH'22-Funded project



Smart India Hackathon-2022 (SIH 22) winning team Phoenix of our department has successfully completed the project funded by All India Institute of Ayurveda, New Delhi from April 2023 to January 2024 and demonstrated the project in the launch event at All India Institute of Ayurveda, New Delhi on 12th March 2024. Dr.Abhay Jere, Vice Chairman, AICTE and Prof. Tanuja Manoj Nesari, Director, AllA, New Delhi provided the appreciation certificate to the team.

IEEE Xtreme'23



S.NO	NAME	Year and Section	Team Name
1.	Anish Karthick A	3rd Year A Section	Code O Sapiens
2.	Dharun Prakash M		
3.	Atheshwaran K		
4.	Hariprasath S	3rd Year A Section	404 NOT FOUND
5.	Gnanesh G		
6.	Akashraj		
7.	Abinaya Parameswari	3rd Year A Section	Tech Connectors

8.	Anandha Samyuktha		
9.	Dharshana		
10.	ElangKumaran A		
11.	Chithran V	3rd Year A Section	Tech tinkers
12.	Akhil A C		
13.	Abdul Basith A		
14.	Anandakannan S	3rd Year A Section	Code Crafter
15.	Deepak A		
16.	Nilofar Nisha M		
17.	Priyadharshini RK	3 year C Section	Brainihacks
18.	Ragavi C		
19.	Yuvavarshitha		
20.	Shobigaa	3rd Year D Section	skiddiez
21.	sharmila J		
22.	Vijayalakshmi		
23.	Sona varshini	3rd Year D Section	Fuego
24.	Sneha		
25.	Syed Safraj A		
26.	Somasundaram VR	3rd Year D Section	CobraTech7
27.	Shrihari R		
28.	Krishna Kumar JK		
29.	Karthigeyan K	4th Year B Section	Team Maverick
30.	Thariq Al Azeez N	4th Year D Section	
31.	Shyamala Devi A	4th Year D Section	
32.	Yuvasri A		
33.	Stan Abishek		3rd Year D Section
34.	Satheesh P	4th Year D Section	Trex
35.	Suresh Kumar N		
36.	Syed Abuthahir A		

37.	Velan C	4th Year D Section	Tech Cruise
38.	Sethumeenakshi V		
39.	Sneha V		
40.	Mahadevan	4th Year C Section	Tech Surfer
41.	Sakthivel		
42.	Paarthasarathi K		
43.	Yamini P	3rd year D Section	Extreme Coders
44.	Sharmila P		
45.	sherine annie s		
46.	Pranav A	2nd year C Section	Zeroes and ones
47.	Ram Kishore K	4th year C Section	
48.	muthupandi D	3rd year C Section	
49.	Haresh Kanaa R	3rd year D Section	Innovians
50.	Sivaprasath G		
51.	Shivakumaran SR		
52.	Prisca Carmel B	2nd year C Section	Endeavours trio
53.	Nithyasree SV		
54.	Poojasri SP		
55.	Kasi Nathan SJ	3rd year B Section	Elite crew
56.	Kishore Kumara Pandian P		
57.	Akash A	3rd year A Section	
58.	Soundarya Devi M	3rd Year D Section	Trio Coders
59.	SREERAM R		
60.	Yuvashree K		

Table 2. List of IEEE Xtreme 24-participants

Intra Department SIH'23



Our department organizes the Intra-level Smart India Hackathon 2023 to provide a platform for students to develop and showcase their creative solutions for real-world problems

Poster Presentation on Innovative Ideas



S.No	Name of the Students	Year	Title
1	Ashwin P S	IV A	ChatWelfare - Schemes for Physically Challenged
	Buvaneshwaran R		
	Abinanth J		
	Arun Pandiyan E		
2	Sowmiya T	IV D	TechHarvest-An Assistance for Organic Farming
	Shuruthi R		
	Shri sreshtha P		
	Preethi shree B		
3	Gowri M	IV B	Virtual Classroom Attendance Monitoring System
	Kavishree L		
	Kaviya Sri M		
	Keerthy S		
4	Guru S	IV B	AI Based App for Crop Yield Prediction.
	Jeya Guhan J		

	Karthikeyan V		
	Kishore V		
5	Madhesh G	IV C	Gamified Learning App
	Mahendraboopathi B		
	Mathisankar R		
	Nithish Kumar M		
6	Balaji N	IV A	Dining Reservation System
	Gokul B		
	Paarthasarathi K	IV C	
7	Birundha M	IV A	Government Scheme Navigator
	Amala Monika S		
	Abirami G		
	Nathiya K		
8	DhivyaPrakaash S	IV A	Legal Lens – Multilingual Legal AI Chatbot
	Gokul S		
	Alexpandi P		
	Aphishek R		
9	Abinaya Parameswari B S	III A	Startup Ayush Portal
	Anandha Samyuktha S		
10	Chithran V	III A	Identification of Prakriti
	Akhil A C		
	Elangkumaran A		
	Atheshwaran K		
11	S.Harikishan	II A	Automart: Revolutionizing Retail With Automated Convenience
	U.Gurudayal		
	R.Hariharan		
	K.Hari Prasath		
12	S.K.Samyuktha	II C	Future Law Enforcement Using Augumented Reality And Virtual Reality
	S.Nivedita		
	Prasanth A T		
	S.Rajaram		

Table 3. List of participants

Niral Thiruvizha (Nan Mudhalvan 2023-2024)

S.No	Title of the Proposal	Team members & Principal Investigator	Mentor Name
1.	Chatbot for mental health treatment	Madhumitha S Malathy T Mega A Prathiga P	Mrs.C.Sathya, AP/CSE
2.	Plant infestation solution	Logeshwaran R P Madhavan J Nisanth N Ram Kishore K	Mrs.G.Mariammal, AP/CSE
3.	Legal Lens – Multilingual Legal AI Chatbot	Dhivya Prakaash S M Gokul S Alexpandi P Aphishek R	Dr.J.Benadict Raja, ASP/CSE
4.	Scheme Bot-schemes of Government and who can avail and how to avail	Birundha M Abirami G Amala Monika S Nathiya K	Mrs. P.Anitha Christy Angelin, AP/CSE

Table 4. Niral Thiruvizha 2023- 2024 Selected Team Details