

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

Department of Computer Science and Engineering

Academic Year 2024-2025(ODD)

Academic Mini Projects:

Sl. No	Course Code	Course Title	Faculty Name	Topic
1.	GE2C25	Problem Solving and Python Programming	Mrs.S.Aurthy Felicita, AP	
2.	CS2V13	Neural Networks and Deep Learning (PE II)	Dr.S.Faritha Begum, AP	Image upscaling model using a Super Resolution Convolutional Neural Network.

Table 1. Course-wise Mini Projects

Team number	Team members	Project name
1	Shalini N, Shivani G, Vidya S, Subhashini nachiar S	Traffic Management system using CNN
2	Sharmila A, Shankari R, Sowmiyasri N R, Srinithi R	Image captioning using CNN - RNN hybrid models.
3	Percy Jone N, Rajesh R, Santhana Peer R, Ram Kumar J	Plant leaf disease detection using CNN
4	Dharunpandi S, Pranav A, Sabarish, Karthi	Leet Code for ML
5	Harini V, Dheetchitha S, Dhivyashree R, Aarthi S	Image Super-Resolution (Upscaling)
6	Prasanna G, Preethi Sri T, Priscilla S, Reshma K J	Emotion recognition using facial expressions
7	Syedali Fathima S, Sobeka C, Dhanu Shree. N, Archana Jeyanthi.S, Madhu Vandana.S	Breast Cancer Detection System.
8	Shreya P, Sneka R, Swetha S, Swetha V	Anomaly fraud detection during the transaction
9	Susmitha R , Swaasthika U , Zeenath Afia M , Sri Nivetha P	Exploring Image filtering techniques with CNN
10	Karthik Raja, kalaiyarasu, Lithikesan, Kobileshan, Navin Raj	Brain Tumour Classification using Deep learning
11	Aiswarya V, Aishwarya M S ,Abarna S, Aparna A	Automatic music generation system using RNN

12	Raja Vignesh R, Vishwaa T K , Thiriyogaperumal R Sivanesan R	AI for Real-Time Language Translation in Audio Calls
13	Aakash S, Gowtham K, Gnana Moorthi P, Hariharane K	Currency Detection system using CNN
14	Gokulnath.S, Ajithmani. R, Ajay. P, Ellappa. B	Vision Move - Eyegaze Detection
15	Yazhini. R, Pranathi Sri. R, Priyadarshini. P	Hand gesture detection system
16	Madhan Singh T, Mugeseh Kumar K	Store Item Demand Forecasting
17	Hariprasath K, Hariharan R, Harikishan S	Handwritten notes to Text generation
18	Balaji Venkatesh S, Churchil Anto paul P, Jona Jeberson J , Dinesh Kumar S	Fruit Condition Detection system using CNN

Table 2. Sample Mini project allocation for the course CS2V13 – Neural Networks and Deep Learning

Hackathons and Project Competition

EDII Hackathon 2024

தனிநபர்களில் தொழில் முனைவோர் மேம்பாடு மற்றும் புத்தாக்க நிறுவனத்தின் சார்பில் உயர்கல்வி பயிலும் மாணவர்களின் புத்தாக்க கண்டுபிடிப்புகளின் விளக்கக்காட்சி



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The Director of Entrepreneurship Development and Innovation Institute Mr.Ambalavanan, inaugurated the EDII camp and our students showcased their ideas at this event and had a brainstorming session about the startup ideas

IEEE Xtreme 2024



Our CSE Students have conquered the world level 24-hour coding challenge IEEE Xtreme 2024 by solving several problems proposed by IEEE. Students from II, III, and IV year have shown their contributions in upskilling their logical thinking and Problem-solving abilities.

Sl. No	Team Name	Team Members
1	Zeros and ones	Pranav A
		Madhan Singh T
		Kalaiselvi S
2	Axon	Lara Linciya I
		Lekeetha Sri A
3	Binary Brain	Harini V
		Harine R
		Angel Wisdey G J
4	Bits And Bytes	Shanmugavel V
		VijayPriyadharsan S
		Yuvaneshwaran G
5	Cooking Bytes	Meeyappan S
		Joffin Renold J

		Karthikeyan R
6	Desk demons	Lavanya R
		Abinaya M.S
		Dharshanapriya R
7	Nyazhal	Nivedita S
		Samyuktha S K
		Preethi Sri T
8	Pirates of Tech	Dhivyashree R
		Gowshika S
		Jai akash P
9	Script kiddies	Shalini N
		Vidya S
		Subhashininachiar S
10	Starks23	Saravanan S
		Rajaram S
		Rini Infanceya A
11	Tech Connectors	Vaibavalakshmi M
		Vijayavivinya M
		Shivani G
12	Tech Riders	Keshika A S
		Narmatha G
		Deshika R
13	Tech Threads	Antony Steve A
		Hari Prasath K
		Gurudayal U
14	Trinity Crew	Madhuvandhana S
		Jeevitha G
		Shankari R
15	Zero to hero	Kanishkaa G
		Jeevika E
		Muthulatchmi M
16	The Risers	Sharan M
		M.G.Vasanth

Table 3. List of IEEE Xtreme 24-participants

IMPAIRATHON 2024



Our 3rd-year CSE students Yuheswari V, Aswin S, Balakrishnan M, Gokulnath S, and Ajay P for their outstanding achievement at the National-level "IMPAIRATHON 2024" hackathon conducted by Karpagam Innovation and Incubation cell, Coimbatore and won cash prize worth Rs.10,000.

Inter IDEAFEST 2024



Department of CSE & in association with the CSI student chapter organized "Inter-IDEAFEST'24" Industry Experts Mr.Shahul Hameed, CEO at Enbott, and Mr. Nambi Krishna Kumar, Head-research & Training at Enbott, guided participants towards developing groundbreaking tech solutions.

Intra Smart India Hackathon 2024



Our department organizes Intra-level Smart India Hackathon 2024 to provide a platform for students to develop and showcase their creative solutions for real-world problems.

One Yes Hackathon 2024



Our college and One Yes Infotech Solutions, Chennai jointly organized a day Hackathon exclusively for PSNACET students on 30/11/2024. Our IV-year CSE students Sherwin Jeyanth Roy and Subeiksha participated in the hackathon and received the Internship offer from them.

Niral Thiruvizha (Nan Mudhalvan 2024-2025)

S.No	Team name	Title of the proposal	Team members & Principal Investigator	Mentor Name
1.	Triple Tensors		Haresh Kanaa. R, Daniel Neeraj.S, Akshayguha.T	Dr.M.S.Thanabal, Prof./CSE
2.	Clovers		Hariprasath.S, Gnanesh.G, Dharun Prakash.M, Anish Karthik A	Dr.K.Dhanalakshmi. Prof./CSE
3.	Synergy Squad		Anandha Samyuktha S, Abinaya Parameswari BS, Dharshana S, Deepalakshmi S	Dr.D.Suresh, Prof./CSE
4.	Shadow Sparks		Kamaleshmuthu B, Josva Rahul A, Karthik T, Jey Barrat M	Dr.S.Sathees Babu, ASP/CSE
5.	Code Mavericks		ShruthiPoornima K, Sivasakthi S, Subeiksha P	
6.	Triad innovators		Mohanalakshmi.S, Mohana.S, Rohini. P	Mrs.A.Joyce, AP/CSE
7.	AI Alliance		Malatheeswari E, Leena Jessica U, Janani R, Maria Sheeba. S	Mr.V.NandaKumar, AP/CSE
8.	Tech Divas		Madhumitha M, Jaleela N J, Jabeen N J, Lakshmi S R	Ms.N.Padma Priya, AP/CSE

Table 4 Niral Thiruvizha 2024- 2025 Selected Team Details