NEURAAI SOLUTIONS PRIVATE LIMITED
Disrupting Intelligence

About the Centre:

Center of Excellence's are established by the industries to provide value addition to the students to enhance their technical skills.

Various faculty development programs are conducted by industry experts to enhance faculty proficiency in a particular field of technology, students get opportunity to work in exclusive labs established by the industry to undergo global certifications and work on their academic projects.

The Following Center of excellences and exclusive laboratory established by industries.

Vision of Neura

To improve the employable skills in the domain of AI and to build the intelligent devices deployable for various global problems.

Mission of Neura

➢ To propagate the knowledge of AI in various domains.
➢ To penetrate the AI solutions to develop the intelligent devices that aids for human lives.
➢ To resurrect the hidden cultures in education, this can improve the mental stability of humans.

Faculty Training: -NEURAAI SOLUTIONS PRIVATE LIMITED the faculty training in the area of AI, ML, DL and IOT is offered for maximum period of two to four week.

1. **Project Support: -NEURAAI SOLUTIONS PRIVATE LIMITED** gives the project to students of Department of CSE, IT, AIDS, IT, ECE & EEE in the area of AI, ML, DL and IOT.

2. **Internship and Inplant Training**: - Students from First (I) year to Final (IV) year can undergo Internship and Inplant training in **NEURAAI SOLUTIONS PRIVATE LIMITED** to get the industrial exposure during their semester.
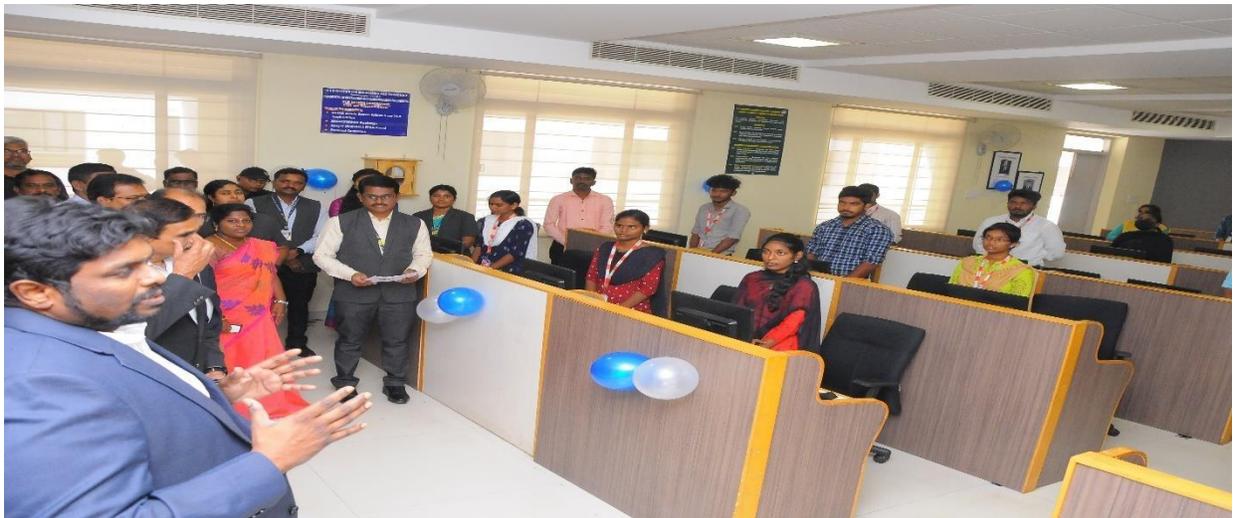
Computer Science Engineering and Information Technology branch of students get benefited by having trained and globally certified for enhanced job opportunities. In the Area of AI & ML and Big Data Analytics training will provide candidates hands-on experience on advanced SQL, MongoDB and AWS cloud services for In-database analytics and advanced analytics methods such as K Means Clustering, Association Rules, Linear Regression, logistic regression and much more**.**

Faculty Incharge:

Mr.T. Marthandan., M.E., (Ph.D.,)

Assistant Professor / Electronics and Communication Engineering

Neura AI Activities

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
Academic Year 2022-2023					
1	Inauguration of CoE	Neura AI Inauguration	Mr.G.SURESH KUMAR , Founder & CEO of Pepul	17.02.2023	➢ Introduced the NeuraAI AStart-up for AI Centre to students and faculty. ➢ Created awareness on emerging AI & ML, IoT technologies and industry expectations. ➢ Motivated students to take part in AI & IoT and innovation activities. ➢ Strengthened institute–industry collaboration with ABE Semiconductor Designs, Chennai
2	Internship	Innovative Product Development Training in AI for Final year	Dr. A. ATHIF SHAH CEO - ABE Semiconductor Designs	06.03.2023 to 21.03.2023	➢ Gained hands-on experience in AI & ML tools and practices. ➢ Understood real-world workflows used in AI &ML, IoT.

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
		ECE, IT, CSE	Chennai & Team NeuraAI		➤ Enhanced problem-solving and teamwork abilities through project-based learning.
3	Internship	Innovative Product Development Training in AI for Third year students CSE, IT	Dr. A. ATHIF SHAH CEO - ABE Semiconductor Designs Chennai & Team NeuraAI	27.03.2023 to 06.04.2023	➤ Gained hands-on experience in AI & ML tools and practices. ➤ Understood real-world workflows used in AI & ML. ➤ Enhanced problem-solving and teamwork abilities through project-based learning. ➤ Worked on live datasets and industry-oriented mini-projects.
4	Summer Internship	Product Development in AI & IoT	Dr. A. ATHIF SHAH CEO - ABE Semiconductor Designs Chennai & Team NeuraAI	May & June of 2023	➤ Provided Two weeks summer internship provided for various students from in and out of our college. ➤ Acquired basic knowledge AI, ML & IoT in real time.
Academic Year 2022-2023					
1	FDP	Industry Sponsored Faculty Development Programme On Artificial Intelligence and Machine Learning	**BIPUL KUMAR SHAHI** Trainer & Consultant Data Science, Data Visualization, ML, Neural Networks, NLP, IOT, RPA **Dr S.V.Kogilavani** Associate Professor, Department of Artificial Intelligence Kongu Engineering College, Erode	08.01.2024 To 12.01.2024	➤ Gained hands-on exposure to deep-learning frameworks like TensorFlow & Keras. ➤ Learned to build and train computer-vision models for real-world applications. ➤ Strengthened understanding of

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
			Dr.A.Athif Shah CEO ABE Semiconductor Designs NEURAAI SOLUTIONS PRIVATELIMITED, Chennai		neural networks and image-processing workflows.
			Dr. R.Manjula Devi Professor Department of Computer Science and Engineering, KPR Institute of Engineering and Technology, Coimbatore		
			Dr.G.Padmapriya Assistant Professor Department of Computing Technologies, School of Computing, SRM Institute of Science and Technology, , Chennai.		
2	Workshop	One Day workshop on Gen AI	**Dr.A.Athif Shah** CEO ABE Semiconductor Designs NEURAAI SOLUTIONS PRIVATELIMITED, Chennai	22.03.2024	➢ Understood the capabilities and role of AI agents in modern software development. ➢ Learned how AI tools assist in coding, debugging, and automation tasks.
3	Internship	Product Development in IoT	**Dr.A.Athif Shah** CEO ABE Semiconductor Designs NEURAAI SOLUTIONS PRIVATELIMITED, Chennai &	May of 2024	➢ Provided Two weeks summer internship provided for various students from in and out of our college in the Area of IoT.

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
			T.Marthandan Manager NEURAAI SOLUTIONS PRIVATELIMITED,		
			Academic Year 2024-2025		
1	Internship	Product Development in AI& IoT	**Dr.A.Athif Shah** CEO ABE Semiconductor Designs NEURAAI SOLUTIONS PRIVATELIMITED, Chennai & **T.Marthandan** Manager NEURAAI SOLUTIONS PRIVATELIMITED,	June of 2024	➢ Provided Two weeks summer internship provided for various students from in and out of our college. ➢ Gained foundational and practical knowledge in AI and IoT systems. ➢ Acquired hands-on experience in basic IoT device setup, sensor integration, and communication protocols. ➢ Improved skills in developing AI-integrated IoT applications for real-world use cases
2	VAC	AI-IoT Deployment on NVIDIA JETSON NANO Boards	**Dr.A.Athif Shah** CEO ABE Semiconductor Designs NEURAAI SOLUTIONS PRIVATELIMITED, Chennai & Team NeuraAI	23.12.2024 to 28.12.2024	➢ Encouraged innovation, creativity, and rapid problem-solving among participants. ➢ Provided hands-on experience in building AI-powered solutions. ➢ Fostered teamwork, leadership, and project presentation

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
					skills.
					➢ Connected students with industry mentors, improving exposure to real challenges.
Academic Year 2025-2026					
1	Internship	Product Development in IoT,AI& ML	**T.Marthandan** Manager NEURAAI SOLUTIONS PRIVATELIMITED	May & June of 2025	➢ Provided Two weeks summer internship provided for various students from in and out of our college. Acquired foundational knowledge AI, ML & IoT in real time.
2	Workshop	Design and Implementation of a Low-Cost, Arduino UNO-Based Architecture for Smart Home and Agricultural Automation for ECE	**T.Marthandan** Manager NEURAAI SOLUTIONS PRIVATELIMITED	12.08.2025	➢ How to work on social related problems into IoT products & Created Level I Solutions in Smart Home and Agricultural Automation Domains
3	Workshop	From Zero to IoT Hero: A Two-Day Workshop on Prototyping Real-World Applications with Arduino & ESP8266 for EEE	**T.Marthandan** Manager NEURAAI SOLUTIONS PRIVATELIMITED	19th Aug 2025 & 20th Aug 2025	➢ How to work on real world problems into IoT products & Created Level II & III Real-World Applications with Arduino & ESP8266

S. No.	Name of the activity	Title of the Activity	Resource Peron	Date(s)	Outcome
4	Workshop	IoT Product Development: Rapid Prototyping with Arduino UNO and Esp8266 for other college students under "Springfest"	**T.Marthandan** Manager NEURAAI SOLUTIONS PRIVATELIMITED	09.10.2025	How to work on real world problems into IoT products & Created Level II & III Real-World Applications with Arduino & ESP8266

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RECENT ACTIVITIES

➢ **Giving Guest lecture on** AI and ML for various Institutions and Universities and creating awareness about AI & ML

➢ **Pitching of ideas and process flow** with Principal's, Directors and Heads of the various Institutions

➢ **Providing** COE and Business models and solutions

➢ **Inking of MOU's** with AVS Institutions Salem on 07.09.2023

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Domains-Verticals

Training	Product Development & Solutions	Research & Consultancy
List of courses: NVIDIA JETSON NANO 1. Al-IOT Deployment on Boards (First Time)-Real time project deployment mechanism for the design and development 2. 2. Generative Al 3. 3. Deployment of LLM/GPT models in Cloud Scenario-AWS with Real time Problems 4. 4. Tensor Flow For Deep Learning Algorithm 5. 5. Short Term Course on Machine Learning 6. 6. Short Term Course on Machine Learning Tensor Flow For Deep Learning Algorithm 7. 7.Short Term Training on ML/DL	1. Mobile Apps based on Spiritual Al (Temple and brain combined) 2. Al based mobile APPS (Brain and app logo combined) 3. Generative Al based Chat Bots 4. Conversational Al for Business solutions 5. Al based AR/VR Solutions	1. Spiritual Al 2. GPT 3. Deep Learning 4. Machine Learning 5. Industrial IOT

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RECENT ACTIVITIES

➤ **Launched Android & IOS APP** Webakshaya-Online Canteen Management APP-10.09.2023-EBED

➤ **ASIA 2023 :** Dr.AthifShah CEO NeuraAI Solutions PVT LTD & ABE Semiconductor Designs Acted as a Chief Guest for International Conference on 14th Sep 2023

➤ **Given Guest lecture on** AI & ML for Mangayarkarasi College Of Engineering-Madurai on 25 th Sep 2023

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GLIMPSES OF NEURA

Had a Great time with the HR's form top MNC 's and had a wonderful time with theirs thought and valuable inputs from them

KSR Kalvi Nagar, Tamil Nadu, India
9R5J+CM, KSR Kalvi Nagar, Tamil Nadu 637215, India
Lat 11.358587°
Long 77.831583°
26/08/23 06:17 PM GMT +05:30

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GLIMPSES OF NEURA

Pitching Ideas and trends in AI and had a great discussion with Principal, Directors and Heads of Various Departments of KSRCAS on

Given Guest Lecture on AI for KSRCASW

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GLIMPSES OF NEURA

Given Grand tour of NEURAAI to Doctorates and Professors from Excel Institutions

Namakkal, Tamil Nadu, India
9R5J+R7X, Tamil Nadu 637215, India
Lat 11.360091°
Long 77.831546°
24/08/23 01:46 PM GMT +05:30

Signed MOU with SR university along with VC & CEO

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Key features of NEURAAI

- ➢ Instructor Led Training
- ➢ Self-Paced Training Exercise and project work
- ➢ 24*7 technical support and query resolution
- ➢ Get global industry recognized certifications
- ➢ Job assistance through corporate tie -ups
- ➢ Attend multiple batches for lifetime & stay updated .

PRODUCT DEVELOPMENT

- ➢ Prediction of future traffics congestion using Hybrid deep learning
- ➢ Conversational AI for Educating children's
- ➢ Kidney stone detection using multiple Deep learning models.
- ➢ VR/AR products developed in trending areas.
- ➢ Diseases diagnosis's using medical images
- ➢ Intrusion detection for Network security
- ➢ Crop yield prediction using
- ➢ Thaanyam- Online food booking system

RECENT ACTIVITIES

➢ **INTERNSHIP:** Provided to various Students in the Area of IoT in Cybersecurity and AI and ML.

➢ 12 students from II year B.E.-Cybersecurity-KSRIET Underwent Internship in IOT.

➢ 02 Students from B.E-EEE-KSRIET Underwent Internship in IOT.

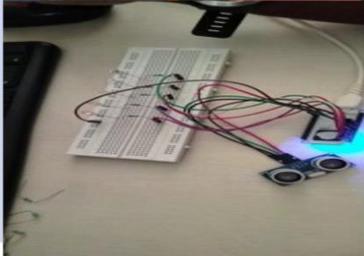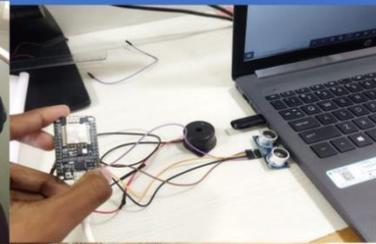➢ 01 Students from AI&ML-VIT Chennai Underwent Internship in AI & ML

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GLIMPSES OF NEURA

➢ **INTERNSHIP:** Provided to various Students in the Area of IoT in Cybersecurity and AI & ML.

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GLIMPSES OF NEURA

Inking of MOU's with AVS Institutions Salem on 07.09.2023 and giving Guest lecture to the students of AI & DS, CSE,IT in AI and ECE,EEE students for IOT

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GLIMPSES OF NEURA

Pitching Ideas and trends in AI and had a great discussion with Principal, Directors and Heads of Various Departments of AVS Engineering College-Salem

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GLIMPSES OF NEURA

Visit of Universiti Tun Hussein Onn Malaysia(UTHM) Team to our Neura on 07.11.2023, We Discussed about our product development and Recent trends followed by industries in AI and ML.

Inking of MOU's with K.S.R. College of Arts and Science for Women (KSRCAW) on 12.10.2023 and Given Insight s of AI and ML to the students and faculties

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GLIMPSES OF NEURA

Academic Alliance Programme held on 30.11.2023, NeuraAI Solutions Private Solutions

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GLIMPSES OF NEURA

Inking of MOU's with K.S.Rangasamy College of Arts and Science (KSRCAS) on 20.10.2023 and had good discussion with Heads' and Director's of various departments in the recent trends in AI and ML

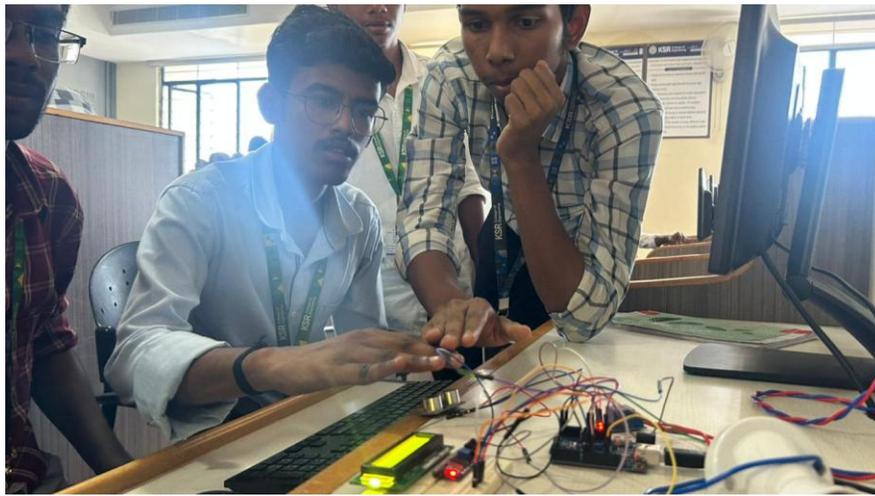**Student Internship in AI & ML & IOT during May to June 2023**

HR Visit- HR from 10 plus leading industry visited our NeuraAI on 26.08.2023

AI-IoT Deployment on NVIDIA JETSON NANO Boards -VAC- Day 01-26.12.2024

Workshop -Design and Implementation of a Low-Cost, Arduino UNO-Based Architecture for Smart Home and Agricultural Automation (12.08.2025)

From Zero to IoT Hero: A Two-Day Workshop on Prototyping Real-World Applications with Arduino & ESP8266(19.08.2025 to 20.08.2025)