

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CENTRE OF EXCELLENCE

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.



NEURAAI SOLUTIONS PRIVATE LIMITED
Disrupting Intelligence

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, which can improve the mental stability of humans.

The NEURAAI SOLUTIONS PRIVATE LIMITED, Tiruchengode

Faculty Training: -NEURAAI SOLUTIONS PRIVATE LIMITED the faculty training in the area of AI, ML, DL and IOT will be 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.





NEURAAI SOLUTIONS PRIVATE LIMITED



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

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SEPTEMBER



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 from top MNC 's and had a wonderful time with their thought and valuable inputs from them



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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 KSRCASW 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



Signed MOU with SR university along with VC & CEO





NEURAAI SOLUTIONS PRIVATE LIMITED

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

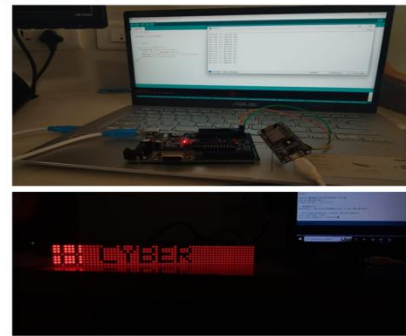
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SEPTEMBER



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

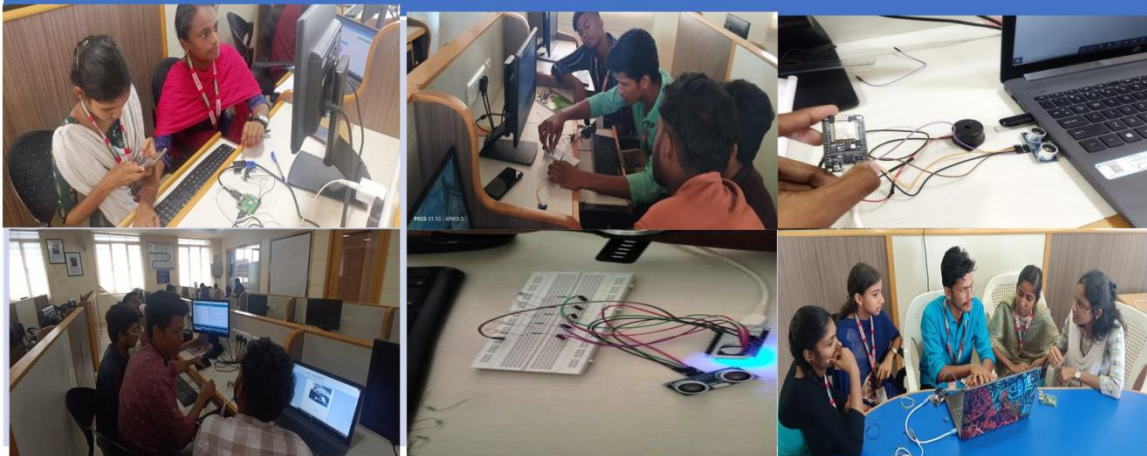


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GLIMPSES OF NEURA

- **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.



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GLIMPSES OF NEURA

Academic Alliance Programme held on 30.11.2023, NeuraAI Solutions Private Solutions

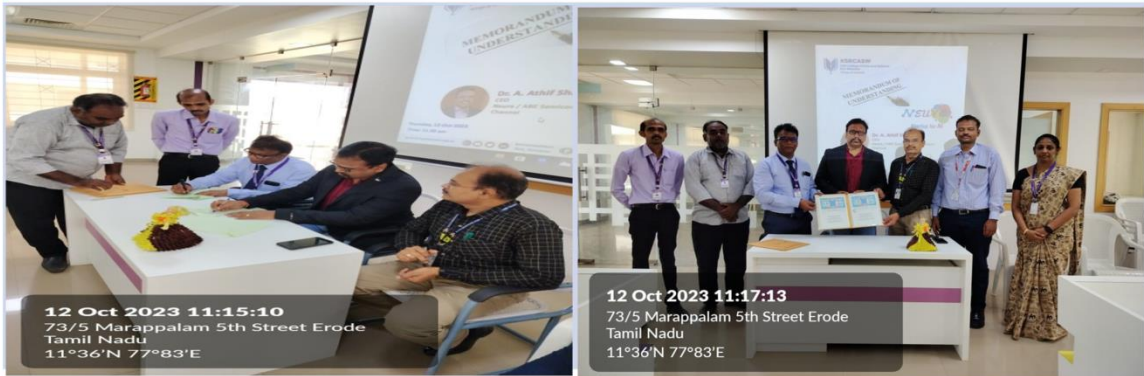


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GLIMPSES OF NEURA

Inking of MOU's with K.S.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

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

