



SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

146/14B1, Amaravathi Village, Amaravathiputhur Post,
Karaikudi – 630 301, SivagangaiDt, Tamil Nadu
Website : www.srirajaraajan.in, E-mail : srrcet2010@gmail.com, Ph: 04565-234230

CENTRE FOR ARTIFICIAL INTELLIGENCE

ABOUT THE CENTRE:

"This centre is dedicated to advancing the field of artificial intelligence through research, education, and collaboration. They often bring together experts from various disciplines, such as computer science and engineering, artificial intelligence, and data science, to work on AI-related projects and develop new AI technologies. This centre was established in 2021 under Dr. A.P.J. Abdul Kalam Research Centre. It has a tie-up with RiSiNh Technos Pvt. Ltd. (RTPL), Bengaluru, and conducted a training session on programming in AI."

OBJECTIVE:

1. **Research Advancement:** To conduct cutting-edge research in AI, machine learning, and related fields.
2. **Education and Training:** To provide students with comprehensive education and training in AI, preparing them for careers in the field.
3. **Innovation and Entrepreneurship:** To foster innovation, entrepreneurship, and startups in AI, leading to practical applications and solutions
4. **Industry Collaboration:** To collaborate with industry partners, addressing real-world problems and developing industry-relevant solutions.
5. **Technology Transfer:** To facilitate the transfer of AI technology and expertise to industries, startups, and society.
6. **Continuous Learning:** To stay updated with the latest AI advancements, ensuring the center remains at the forefront of AI research and innovation.10. Prepare students for AI-related careers and future workforce needs.



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FACILITIES AVAILABLE:

- 1. High-Performance Computing (HPC) infrastructure:** Powerful servers, GPUs, and TPUs for processing large datasets and training AI models.
- 2. Data Storage:** Large storage capacity for storing datasets, models, and research data.
- 3. Software and Tools:** Licenses for AI software, frameworks, and tools like Tensor Flow, PyTorch, Keras, etc.
- 4. Networking and Connectivity:** High-speed internet and networking infrastructure for data transfer and collaboration.
- 5. Workstations and Devices:** High-end workstations, laptops, and devices for students.
- 6. Meeting and Collaboration Spaces:** Rooms for team meetings, brainstorming, and project discussions.
- 7. Security and Access Control:** Secure access controls, firewalls, and encryption to protect sensitive data and IP.
- 8. Power and Cooling:** Adequate power supply and cooling systems to support HPC infrastructure.
- 9. Acoustic and Noise Reduction:** Soundproofing and noise reduction measures to minimize distractions.
- 10. Ergonomic and Comfortable Workspaces:** Comfortable seating, lighting, and ergonomic furniture for researchers and students.

FACULTY COORDINATOR:

- 1. MR.R.SUSILKUMAR, AP/CSE (CENTRE IN CHARGE)**



CENTER FOR ARTIFICIAL INTELLIGENCE

ACTIVITIES:

Encouraging the students to work both theoretically as well as practically with various industrial experts from Sri Koppudaiyal Technologies Mr.Arunakanth elaborates the different activities in AI, also motivates the students do the work in real time, recent technology in Artificial Intelligence and Data Science.



OUTCOMES:

The students got knowledge in the concepts of

- (i) Machine learning.
- (ii) Natural Language Processing (NLP).
- (iii) Computer Vision.
- (iv) Robotics.
- (v) Expert Systems.

and done projects in the Virtual Assistants, Image Recognition , Predictive Analysis..etc. More number of students got placed with this learning and knowledge.

