CAREER OPPORTUNITIES
B.Tech.(AI&DS)

- Artificial Intelligence Engineer.
- AR/VR Designer and Developer.
- Data Analyst.
- Big Data Engineer.
- Data Scientist.
- Business Intelligence Developer.
- Artificial Intelligence Research Scientist.
- AI Data Analyst.
- Computer Vision Engineer.
- Data Architect.
- Data Engineer.
- NLP Engineer.
- Robotics Scientist.
- AI Researcher.
- Machine and Deep Learning Engineer.

SKILL GAINED

1. Ability to frame business problems as data science challenges and develop innovative solutions using AI and machine learning techniques.
2. Awareness of ethical implications related to data privacy, bias, fairness, and transparency in AI and data science applications.
3. Strong proficiency in programming and scripting languages for designing, implementation, data manipulation and analysis.
4. Knowledge of optimization algorithms used in machine learning models, stochastic gradient descent and genetic algorithms

SKILL DEVELOPMENT

Aptitude Buster, Pearson, FACE Prep, SkillRack

VALUE ADDED COURSES

Cisco Networking Academy, Intel Intelligent Systems, coursera for campus, mongoDB, Computer Society of India, IEEE computer society, Virtual Labs – An MHRD Govt of India Initiative, ORACLE Academy, MATLAB, Kotlin

RECRUITERS

accenture, Infosys, wipro, cognizant, DELL, CISCO, cosmos, IBM, L&T, ZOHO, TCS TATA CONSULTANCY SERVICES, HCL, SUTHERLAND, CONGRUENT, Capgemini, NTT DATA, eNoah, Tech Mahindra, aspire, Kaar, DeltaX, Atos

CONTACT US

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S.A. ENGINEERING COLLEGE

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Poonamallee - Avadi Main Road, Veeraraghavapuram,
Thiruverkadu, Chennai - 600 077.

DEPARTMENT OF
ARTIFICIAL INTELLIGENCE & DATA SCIENCE
B.Tech - (AI & DS)

Counselling Code
1114

EVENTS

GUEST LECTURE & SEMINAR



INDUSTRIAL VISIT



CLUB ACTIVITIES


QUIZ CLUB


AI CLUB


INTERACTIVE CLUB

OTHER EVENTS

CULTURALS


SPORTS

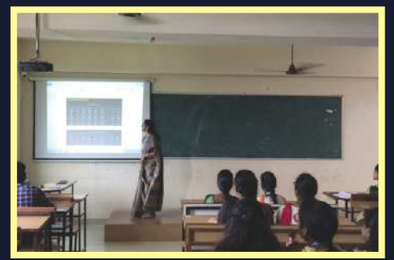

PONGAL CELEBRATION



LABORATORY


LIBRARY


CLASS ROOM




VALUE ADDED COURSES


SYMPOSIUM


COURSE & CONTENT DELIVERY

REQUIRED COURSES

- Problem Solving and Python Programming.
- Introduction to Data Science.
- Fundamentals of Artificial Intelligence.
- Data Analytics
- Natural Language Processing.
- Machine Learning Techniques.
- Advanced Artificial Intelligence.
- Data Visualization.
- Big data Analytics.
- Deep Learning.
- Calculus and its application.
- Discrete mathematics.
- Computational Statistics.
- Linear Algebra and optimization techniques.
- Computer vision.
- Advanced scripting language.
- Data Structures.

ELECTIVE COURSES

- Virtual and Augmented Reality.
- Business Intelligence.
- Speech Processing.
- Human Intelligent System.
- Fuzzy logic for Data Science.
- Optimization in ML.
- Intelligent Information Retrieval.
- Optimization for Data Science.
- Business Data Analytics.
- Large-Scale Visual Analytics.
- Real Time Video AI Technologies.
- Game Theory for AI Technologies.
- Robotics.
- R-Programming language.
- Cyber security.
- IOT Technologies.
- Block chain Technologies.
- Quantum computing.
- Cloud computing.