

# CAREER OPPORTUNITIES

FOR STUDENTS

ADMISSION  
OPEN

2026 - 2027



01

## CORE AI & ML ROLES

(ENTRY-LEVEL)

- Junior AI Engineer
- Machine Learning Engineer (Fresher)
- AI Developer
- Automation Engineer



04

## SPECIALIZED AI DOMAINS

(BEGINNER LEVEL)

- Computer Vision Developer
- NLP Engineer (Junior Level)
- Robotics Programmer



02

## DATA & ANALYTICS ROLES

- Data Analyst
- Data Scientist
- Business Analyst



05

## FUTURE PATHWAYS



HIGHER STUDIES  
(AI, Data Science, ML)



TEACHING  
(after PG/NET)



COMPETITIVE EXAMS  
(GATE, UPSC, etc.)



STARTUPS & FREELANCING  
(AI-based projects)



03

## SOFTWARE & TECH ROLES

- Full Stack Developer (with AI integration)
- Cloud Support Engineer
- IoT Developer (Smart Applications)



FOR MORE DETAILS CONTACT US



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APPLY NOW



<https://admission.hcctrichy.ac.in/>

## AI INNOVATION VISIONARIES

INTEGRATING INTELLIGENCE FOR A SMARTER FUTURE



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

### HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University  
Nationally Accredited (4<sup>th</sup> Cycle) with 'A++' Grade (CGPA 3.75/4) by NAAC  
College with Potential for Excellence  
Tiruchirappalli - 620 002

PROGRAMME OFFERED

### B.Sc. Artificial Intelligence & Machine Learning

(A Three-Year Undergraduate Programme)

Eligibility: 10+2 with Mathematics / Computer Science  
(Physics, Chemistry, Mathematics, Computer Science/Biology)

## SMART AI & ML LABORATORY

Our well-structured, air-conditioned AI & ML laboratory provides an interactive environment for practical learning, innovation and experimentation.



### LAB FACILITIES



AIR-CONDITIONED SMART LAB

Comfortable and technology-enabled learning environment.



AV ENABLED LEARNING SUPPORT

Projector and audio-visual support for interactive sessions.



HIGH-PERFORMANCE COMPUTING SYSTEMS

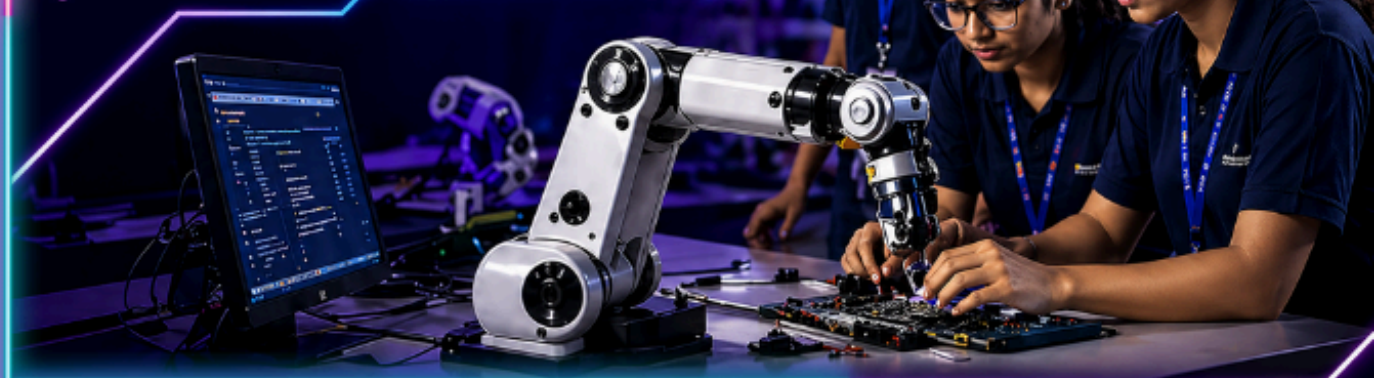
Modern systems for coding, model training and experimentation.



HANDS-ON PROJECT DEVELOPMENT

Practical implementation through real-time mini projects.

## WHY CHOOSE US?



### INDUSTRY EXPOSURE

Internships, workshops, industrial visits and expert sessions to give real-world experience.



### CAREER READINESS

Placement guidance, skill development programs & aptitude training for a successful future.



### EXPERIENCED FACULTY

Learn from highly qualified and industry-experienced faculty members.



### RESEARCH CULTURE

Encouraging research, publications and innovation among students.



### INNOVATION DRIVEN LEARNING

Focus on creativity, problem solving and hands-on learning for future leaders.

## DEPARTMENT ACHIEVEMENTS

### CERTIFICATIONS & INTERNSHIPS

- Offers international certification programs in specialized AI domains, ensuring students gain globally recognized credentials.
- Curated internship opportunities that allow students to apply their AI and ML skills in professional settings outside the standard curriculum.



### RESEARCH & ACADEMIC EXCELLENCE

- A strong culture of academic excellence with faculty and students publishing books and research papers in National and International Conferences.
- Regularly hosts International Conferences, Seminars, and Workshops led by industry experts on emerging themes to keep students updated on global trends and to bridge the gap between academic theory and current market demands.



### INDUSTRY EXPOSURE & INNOVATION

- High student achievement in UNICEF Passport to Earning (P2E), Skill-a-thons and ICT Academy Learnathons.
- Encourages participation in industry events and technical symposiums to sharpen coding and problem-solving skills.

Platform to showcase talent through national and international competitions and hackathons