

# NEWSLETTER

## JULY 2021 – DECEMBER 2021

### Department of

#### Artificial Intelligence and Data Science

Artificial Intelligence and Data Science department is crafted to groom our students as frontiers in building intelligent machines, software, or applications with a cutting-edge combination of Artificial intelligence, Data analytics and visualization technologies. In this era of industry 4.0, almost all the industries are stepping into automation where AI and Data science play a pivotal role. Thus the curriculum and syllabus of this program equip aspiring students with the skills to perform intelligent data analysis which in turn provide dynamic and lucrative careers in technology.

#### Course Offered

Course	Specialization	Duration	Intake
B.Tech	Artificial Intelligence and Data Science	4 years	120

#### Department Vision and Mission

##### Vision

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

##### Mission

**Quality Education:** To provide comprehensive academic system that amalgamates the cutting-edge technologies with best practices.

**Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

**Employability and Entrepreneurship:** To inculcate the employability and

entrepreneurial skills through value and skill-based training.

**Ethical Values:** To instil deep sense of human values by blending societal righteousness with academic professionalism for the growth of society

#### Major highlights

Better insight into core technologies such as artificial intelligence, data mining, data modelling and intensive inputs in areas of machine learning and big data analytics

To acquire cross disciplinary skills such as statistics mathematical reasoning, machine learning, knowledge discovery, and visualization skills.

Curriculum framed by experts which strongly emphasizes on industry internship, projects, and entrepreneurship.

Apart from providing a prospective career as technical experts in industries, we believe in our curriculum which leads to entrepreneurs launching their own startups.

#### Certification courses Offered

Semester	Course
Semester 1	Web Programming – I
Semester 2	Web Programming – II
Semester 3	Java Programming
Semester 4	Mobile Application Development/Azure DevOps
Semester 5	Google Analytics/Advance Java Programming
Semester 6	BlockChain/Cyber Security

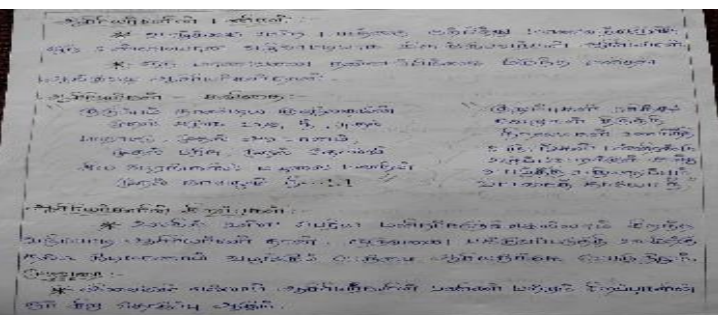
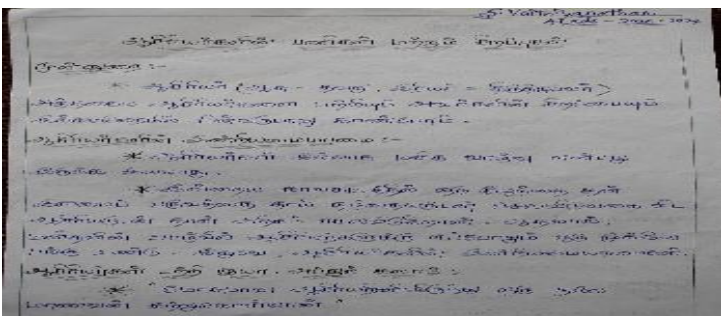
#### Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at Industry/ Research organization / University (after due approval from the Mentor, Class advisor and Departmental Consultative Committee (DCC). In such cases, the internship/training should be undergone continuously (without break) in one organization. Normally no extension of time is allowed.

## Student Achievements



Three students, Gokulprasath.R, Ragul.S and Hariguptha.A secured first place in a hackathon conducted by Banari Amman Institute of Technology and received a cash prize of 5000 rupees. They ideated and developed a chatbot Themist which acts an assistant in queries related to Laws and Indian Constitution rights.



Vaithyanathan S secured 1st place in essay writing and Amita C secured 2nd place in essay writing conducted by the department.

Amita C secured 1st place in drawing and Harish E secured 2nd place in drawing conducted by the department.

## Department Activities



On 28.07.2021, we had the pleasure of hosting Dr. S.Geetha, an Assistant Professor, Department of Banking Technology, Pondicherry University for a guest lecture on the topic of Tableau. The lecture was attended by around 54 students by II year and faculty members from the department of AI&DS.



On 19.11.2021, we had the pleasure of hosting Vetri Chelvan, a Full Stack Developer, Lyric for a guest lecture on the topic of Data Analytics in Process Industries and Quality. The lecture was attended by around 108 students by III year students and faculty members from the department of AI&DS.

## Events

- No Oil – No Boil Cooking
- Intra-Department Debate
- Programming quizzes
- Talent Exploration

## Certification Courses

As a part of additional certification courses, web development phase 1 was conducted.

During the training HTML, CSS, JAVASCRIPT was taught. Students received certifications in IT Specialist in Javascript provided by Certiport.