



# NARAYANA ENGINEERING COLLEGE::NELLORE



**AUTONOMOUS**

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

|    |   |   |         |                     |
|----|---|---|---------|---------------------|
| 1  | Name of the Activity/Event              | Value Added course on<br><b>“ Artificial Intelligence”</b>  |         |                     |
| 2  | Date of Activity/Event                  | <b>20/02/2023 to 10/03/2023</b>   |         |                     |
| 3  | Organized by                            | Department of<br>Electronics And Communication Engineering  |         |                     |
| 4  | Place of Activity/event                 | <b>Online</b>   |         |                     |
| 5  | Resource persons / guest / organization | <b>APSSDC in Association with<br/>Lead Fluencer Technologies Pvt. Ltd.</b>  |         |                     |
| 6  | Type of activity/Event                  | Value Added Course  |         |                     |
| 7  | Activity/Event objectives               | <ol style="list-style-type: none"> <li>1. Enabling students to understand basic concepts on Machine learning and Artificial intelligence.</li> <li>2. Provide hands-on sessions to practice the concepts covered in the course</li> <li>3. Enable students to develop applications in Artificial intelligence.</li> </ol> |         |                     |
| 8  | Participation                           | Students  | Faculty | Total Participation |
|    |   | 180   | -       | 180                 |
| 9  | General remarks                         | <ol style="list-style-type: none"> <li>1. Learn the concept of aptitude</li> <li>2. Walking through various connectivity methodologies.</li> <li>3. Able to solve coding and decoding techniques.</li> <li>4. Importance of inter personal skills.</li> </ol>   |         |                     |
| 10 | Suggested Improvements                  | <ul style="list-style-type: none"> <li>• Emphasize teamwork.</li> <li>• Build positive relationships</li> </ul>   |         |                     |
| 11 | Enclosures                              | <ol style="list-style-type: none"> <li>1. Brochure</li> <li>2. Program report</li> <li>2. Attendance sheet</li> <li>3. Certificate</li> </ol>   |         |                     |
| 12 | Signature of In Charge                  |   |         |                     |

The Department of ECE conducted a value added course on Artificial Intelligence from **20/02/2023 to 10/03/2023** by **APSSDC in Association with Lead Fluencer Technologies Pvt. Ltd.** The Entire course was handled by all above mentioned Organizations.



An Introduction to program

### **A BRIEF DESCRIPTION OF THE EVENT:**

Apart from University requirement, Artificial Intelligence is also a pre-requisite for learning latest technologies like Android and Big Data. In order to prepare and make IT aspirants among the students ready for industry, ECE department has carved out a course that specifically aligns with IT industry requirements.

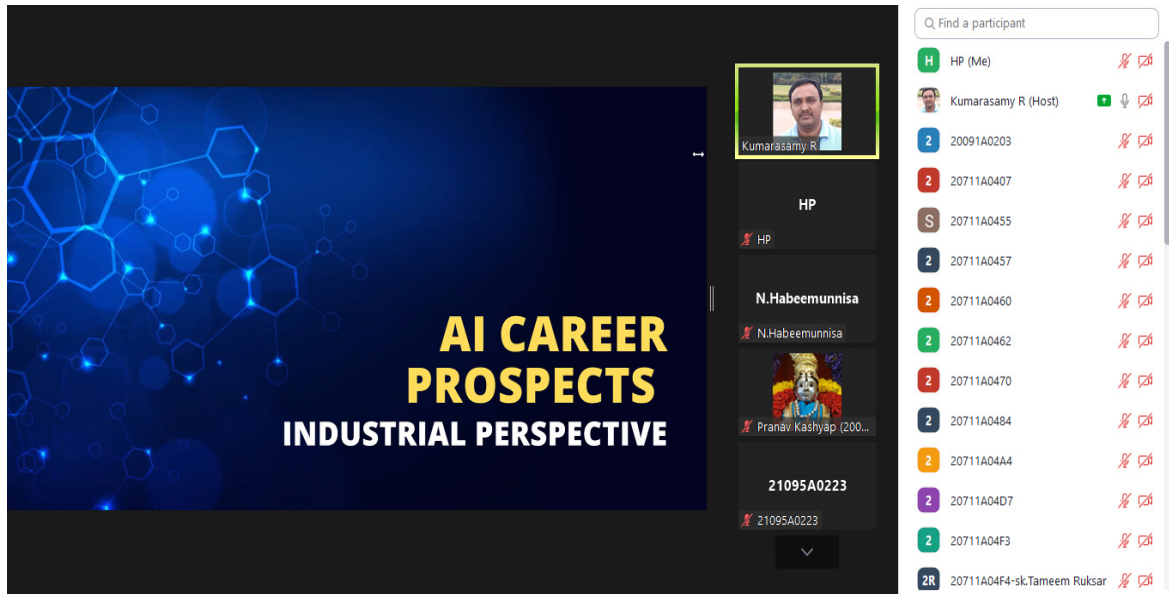
A value added course on “Artificial Intelligence by using machine learning” was organized by the Department of Electronics & Communication Engineering for III Year ECE Students from **20/02/2023 to 10/03/2023** by **APSSDC in Association with Lead Fluencer Technologies Pvt. Ltd.** Total of 180 students have attended the Course.

The course was designed as **30+ hours of Online training**, conducted in each day with each session of 1Hr duration. At a high level course covers a range of topics towards:

- Enabling students to understand basic AI Technology concepts
- Enabling students to understand concepts of Deep learning and Neural networks

- Enable students to develop applications in Machine learning

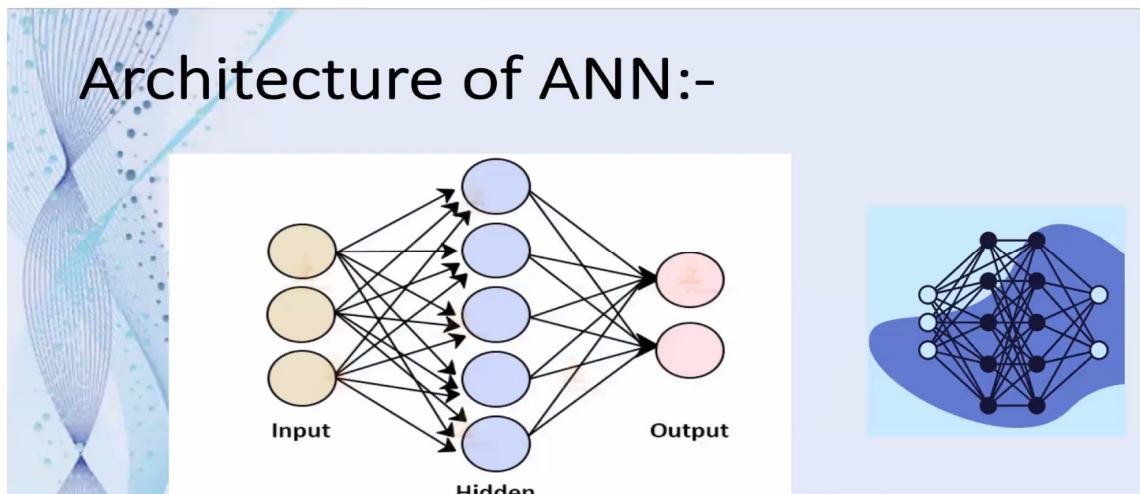
The course instructor introduced the AI Technology, Basic fundamentals of Python language. Discussed about loops and dictionaries in python programming.



Students participated in the Course

The Resource Person has covered the following topics:

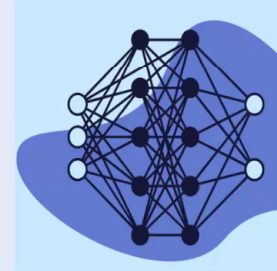
- Machine learning
- Concept of NLP Technique
- Deep learning and Neural networks
- Applications of Neural networks ANN, CNN and NNN



Example of topic covered during the course

## Applications of artificial neural network?

- Text classification and categorization.
- Medical
- Paraphrase detection
- Image processing



Example of topic covered during the course

At the end of the course the students were expertise in Aptitude, Group Discussion process and interview Process which will be very helpful in Campus Placements.