



# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada \* Approved by AICTE, New Delhi \* Accredited by NAAC  
Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956  
ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

## Department of Information Technology

Date: 01.11.2019.

To  
The principal  
Aditya College of Engineering & Technology  
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on "ARTIFICIAL INTELLIGENCE" – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Information Technology would like to train our 4<sup>th</sup> year B.Tech students in the **ARTIFICIAL INTELLIGENCE** adapted initially, with the help of our staff; as the present world is moving over the software design & simulations and also is a part of the Information Technology. It will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person : G SuryaKala Eswari,  
Asst Professor,  
CSE Dept ,  
Pragathi Engineering College  
Honorarium : Rs. 5000/-

*Forwarded to  
The Principal  
Rhe...*

Course Coordinator

PRINCIPAL  
Aditya College of  
Engineering & Technology  
SURAMPALEM- 533437



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## Department of Information Technology

Date: 02.11.2019

### CIRCULAR

All the 4<sup>th</sup> year students are hereby informed that a One-week program is arranged to enhance the knowledge on **ARTIFICIAL INTELLIGENCE**, as per the schedule from 25<sup>th</sup> November 2019 to 30<sup>th</sup> November 2019. It is mandatory to all the students to attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: Dr. R V S LALITHA  
Professor  
IT Department

**Head of the Department**

**PRINCIPAL**  
Aditya College of  
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SURAMPALEM- 533 437



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## Department of Information Technology

### ARTIFICIAL INTELLIGENCE Syllabus

1. Introduction to AI
2. Problem formulation
3. Search-I
4. Search - II
5. Production system
6. Ontology
7. Propositional logic
8. First order predicate logic
9. Fuzzy logic
10. Pattern Recognition
11. Distance-Based Neural Networks
12. Multilayer Neural Networks
13. Decision trees
14. Population-based search

Course Coordinator

Head of the Department

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## Department of Information Technology

### Schedule of ARTIFICIAL INTELLIGENCE Syllabus:

25.11.2019: Day-1

FN Introduction to AI

AN Problem formulation

26.11.2019: Day-2

FN Search-I, Search - II

AN Production system, Ontology

27.11.2019: Day-3

FN Propositional logic

AN First order predicate logic

28.11.2019: Day-4

FN Fuzzy logic, Pattern Recognition

AN Distance-Based Neural Networks

29.11.2019: Day-5

FN Multilayer Neural Networks, Decision trees

AN Population-based search

30.11.2019: Day-6

FN Assessment test

AN Valedictory

Course Coordinator

Head of the Department

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