

CO-ORDINATORS

1. **Mrs. Ampavathi Anusha**
Assistant. Professor, CSE
2. **Mrs. S.Gayathri Devi**
Assistant Professor, CSE
3. **Mr.M.Raj Kumar**
Assistant Professor, CSE

ORGANIZING COMMITTEE

1. **Dr. G. Arun Sampaul Thomas**
Assoc. Professor, CSE
2. **Dr.G.Sreenivasulu**, Assoc .Prof, CSE
3. **Dr.B.Nageswara Rao**, Assoc Prof,
CSE
4. **Mr.A.Ramesh Babu**, Assoc Prof CSE
5. **Mr. D. Himagiri**, Asst. Professor, CSE
6. **Mr.Sathish Kumar**, Asst.prof, CSE
7. **Mr.K.Srikanth**, Asst.Prof, CSE
8. **Mrs.G.Sowjanya**, Asst.Prof, CSE
9. **Mr.N.Thirumala rao**, Asst.Prof, CSE
10. **Mrs. P.Manjula**, Asst.Prof, CSE
11. **Mrs.S.Pavani**,Asst.Prof

Student Co-ordinators

1. **Sowmya(7386881393)**
2. **K.Adithya Vardhan(7675043876)**
3. **Nithin(7569855965)**
4. **Pooja(7981021158)**

CHIEF PATRONS

1. **Shri. J. V. Krishna Rao**,
Honourable Secretary,
J. B. Educational Society.

PATRONS

1. **Dr.P.C.Krishnama Chary**,
Principal, JBIET.
2. **Shri U.V.S.N.Murthy**, Director,
JBIET
3. **Dr. Niraj Upadhayaya**,
Professor in CSE & Dean R&D

ORGANIZER

Dr. P. Srinivasa Rao, Professor &
HOD – CSE

Organized by

**Department of Computer Science
and Engineering**



**J.B. INSTITUTE OF ENGINEERING &
TECHNOLOGY**

(UGC AUTONOMOUS)
BHASKAR NAGAR, YENKAPALLY (V), MOINABAD (M),
R. R. DIST., HYDERABAD.

**Department of Computer Science and
Engineering**



Two Days Workshop

on

“ARTIFICIAL INTELLIGENCE”

15TH – 16TH September 2022

AT

DEPARTMENT OF CSE, JBIET

About JBIET

To be spiritually conscious, socially responsible and morally upright is the core dimension of JB Education Society. We know that success is not the destination, but a journey believing in the philosophy that victory belongs to the most preserving, while thanking the Almighty for those countless blessings. JBIET is an Autonomous Institution of the J.B. Group and is now striving to be a centre for Outcome Based education.

OVERVIEW

Artificial intelligence (AI) broadly refers to any human-like behaviour displayed by a machine or system. In AI's most basic form, computers are programmed to "mimic" human behaviour using extensive data from past examples of similar behaviour. This can range from recognizing differences between a cat and a bird to performing complex activities in a manufacturing facility.

Whether you are talking about deep learning, strategic thinking, or another species of AI, the

foundation of its use is in situations that require lightning-fast responses. With AI, machines can work efficiently and analyze vast amounts of data in the blink of an eye, solving problems through supervised, unsupervised, or reinforced learning.

Artificial intelligence (AI) is truly a revolutionary feat of computer science, set to become a core component of all modern software over the coming years and decades. This presents a threat but also an opportunity. AI will be deployed to augment both defensive and offensive cyber operations. Additionally, new means of cyber attack will be invented to take advantage of the particular weaknesses of AI technology. Finally, the importance of data will be amplified by AI's appetite for large amounts of training data, redefining how we must think about data protection.

Workshop Highlights

- Introduction to Artificial intelligence
- Applications of Artificial intelligence
- Knowledge Representation

- Machine perception
- Human perception
- Advanced Search Algorithms
- Probabilistic Artificial intelligence

PROGRAM DETAILS:

Schedule	DAY 1(15-09-2022)
9:30-10:00	Inauguration
10:00-11:30	Introduction to AI and Searching Strategies
11:40-12:40	Applications of Artificial Intelligence
12:40-01:30	Lunch
01:30-02:30	Advanced Search Strategies
02:30-03:30	Basic Knowledge Representation
03:40-04:40	Searching Algorithms
	DAY 2(16-09-2022)
10:00-11:30	Learning with Problem Solving
11:40-12:40	Winston's Learning Program and Decision Trees
12:40-01:30	Lunch
01:30-02:30	Shell Explanation
02:30-03:30	Knowledge Acquisition
03:40-04:40	Valedictory Function