



# International Conference on Artificial Intelligence: Theory and Applications (AITA 2021)

Date: 23<sup>rd</sup> – 24<sup>th</sup> December 2021

National Institute of Technology Patna, Bihar, India



## Registration Fees:

Category	Indian Participants (INR)	Foreign Participants (USD)
Students (UG/PG/Research Scholar)	1,500/-	\$100
Academicians	2,500/-	\$150
Industry Persons	5,000/-	\$200

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- Prof. P K Jain, Director, N.I.T Patna, India

### Patron:

- Prof. S K Verma, Deputy Director, N.I.T Patna, India

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- Dr. Ritesh K. Mishra, Assoc. Professor (ECE), N.I.T Patna, India

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- Dr. Bambam Kumar, Asstt. Professor (ECE), N.I.T Patna, India
- Dr. Richa Agarwal, Asstt. Professor (ECE), N.I.T Patna, India

**About the Conference:** International Conference on Artificial Intelligence: Theory and Applications (AITA-2021) will be a leading conference for bringing students, researchers, faculty members and industry experts under one umbrella for betterment of society through innovation in interdisciplinary area. It provides interactive platform for presenting new advances and innovative research results in the fields of Artificial Intelligence and its applications. Various tracks will cover both application and current research trends in the field of artificial intelligence.

**About NIT Patna:** National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of H.R.D. Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28. 01. 2004. NIT Patna marked its humble beginning in 1886 with the establishment of pleaders survey training school which was subsequently promoted to Bihar College of Engineering Patna in 1924. This made this institute the 6<sup>th</sup> Oldest Engineering Institute of India. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat, one of the most important and reverential place of Patna. The Gandhi Ghat is associated with the immersion of ashes of father of the Nation Mahatma Gandhi in the river Ganges. The campus has a picturesque river view with historic building presenting a spectacle of architectural delight and natural beauty.

## Call for Papers

The conference program will also include high level talks from invited speakers. Supplemented by contributed talks highlighting new research and perspective in AI domain. The conference chairpersons, along with the entire team cordially invite you to submit your latest original and unpublished research work/results in the field of Artificial intelligence and Applications. The upcoming conference to be held on December 23-24, 2021 at National Institute of Technology Patna, Bihar (India).

**Selected papers from AITA-2021 would be considered for publication in Special Issue of Journal (SCI, SCIE and Scopus indexed).**

## Important Dates

Paper Submission Dead Line	Extended till 30 June, 2021
Acceptance	05 September, 2021
Final Submission	25 September, 2021
Registration	26 September, 2021

## General Queries:

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## Account Details for Registration:

NITP CF A/c : 50433562364  
IFSC Code: IDIB000B810

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## Original and unpublished research papers are invited in the field of following current tracks, but not limited to:

- **AI in E-commerce**
- **AI in Navigation and Intelligent Transportation**
- **AI in Automobiles**
- **AI in Robotics**
- **AI in Healthcare**
- **AI in FPGA based system Design**
- **AI in VLSI Design**
- **Smart Manufacturing**
- **Smart Cities**
- **Wireless and Under water communication**
- **Computer Vision**
- **Machine Learning**
- **Deep Learning**
- **Soft Computing**
- **Computational Optimization**
- **Cloud Computing**
- **Mobile Computing**

- **Quantum Computing**
- **Human Computer interface**
- **Data Science**
- **Image and Video Processing**
- **Remote sensing**
- **Internet of Things**
- **Pattern Recognition**
- **Text Mining**
- **Speech and Audio Processing**
- **RADAR Signal processing**
- **Statistical Analysis**
- **Augmented and Virtual Reality**
- **Biomedical Signal Processing**
- **Natural Language Processing**
- **Smart Grid**
- **Intelligent Control**
- **Smart Agriculture**