



Duration: 6 months

Certificate course on

ARTIFICIAL INTELLIGENCE (AI) AND ITS APPLICATIONS (CCAI-2023-24) (60 hours of Lecture)

Organized by:

Dept. of Computer Science & Applications



PRABHAT KUMAR COLLEGE, CONTAI

Estd - 1926

Post- Karkuli, P.S.- Contai, Dist- Purba Medinipur

PIN - 721 404, West Bengal, India

(03220) 255020/288275

pkcollege.contai@gmail.com

www.pkcollegecontai.ac.in

Course Co-ordinator

Dr. Arindam Roy

Associate Professor, Dept. of Computer Science & Applications
Prabhat Kumar College, Contai.

+91 9434801964, +91 7001041279

arindamr@pkcollegecontai.ac.in

Patron

Professor Amit Kumar De

Principal, Prabhat Kumar College, Contai.

+91 9434259107

Principal@pkcollegecontai.ac.in

Certificate course on

ARTIFICIAL INTELLIGENCE (AI) AND ITS APPLICATIONS (CCAI-2023-24)

(Duration of the course: 6 months)

Organized by:

**Dept. of Computer Science & Applications
Prabhat Kumar College, Contai**

Eligibility of the participant: Graduate

Course Fee: Rs. 3000 /- (Three thousand only)

Course coordinator

Dr. Arindam Roy

Associate Professor, Dept. of Computer Science & Applications
Prabhat Kumar College, Contai.

Course supervisor

Mr. Kousik Nanda

Dept. of Computer Science & Applications
Prabhat Kumar College, Contai.

CONTACT DETAILS

Dr. Arindam Roy

Mob: 9434801964 / 7001041279,

Email: arindamr@pkcollegecontai.ac.in

Mr. Kousik Nanda

Mob: 9002268627

Google form: <https://forms.gle/qrn6X7E9jrtjebnr8>

Last date of Google form submission:

September 17, 2023.

RESOURCE PERSONS

Professor Amit Kumar De

Principal, Prabhat Kumar College, Contai.

Dr. Sk. Arif Ahmed

Assistant Professor, Department of Computer Science and Engineering
XIM University, Bhubaneswar, Orissa.

Dr. Sourav Mandal

Assistant Professor, Department of Computer Science and Engineering
XIM University, Bhubaneswar, Orissa.

Arun Kumar Das

Associate Professor, Dept. of Mathematics,
Prabhat Kumar College, Contai.

Anupam Pattanayak

Assistant Professor, Dept. of Computer Science
Raja N L Khan Women's College, Midnapore.

Suman Mondal

Assistant Professor, Dept. of Computer Science
Y. S. Palpara College, Purba Medinipur.

Dr. Arindam Roy

Associate Professor, Dept. of Computer Science & Applications
Prabhat Kumar College, Contai.

Also from the faculty members of the Department of Computer Science & Applications,
Prabhat Kumar College, Contai.

ABOUT THE COURSE

Artificial intelligence (AI) is a rapidly growing field of technology, that has immense potential to revolutionize the way we live and work. But what is AI? and how does it work? In this course, we'll provide step-by-step guidance in understanding AI and its practical applications. At the core, AI is a branch of Computer Science that focuses on creating machines that can think and act like humans. AI systems are designed to learn from their environment, analyze data, and make decisions without human intervention. AI can be used for a wide range of tasks, from playing games to driving cars. AI systems are powered by algorithms, which are sets of instructions that tell the computer how to process the data and make decisions. These algorithms are based on mathematical models that use input data to generate output results. AI is being used in many different industries today, from healthcare to finance. AI can be used for medical diagnosis and treatment planning. In finance, AI can be used for automated trading and portfolio management. Additionally, AI can be used for natural language processing (NLP), which allows computers to understand human language and respond accordingly. In conclusion, artificial intelligence is a rapidly growing field of technology with many potential applications in various industries. By understanding how AI works with its various applications, we can better prepare ourselves for the future of technology.



PRABHAT KUMAR COLLEGE, CONTAI

Estd - 1926

ABOUT THE COLLEGE

PRABHAT KUMAR COLLEGE, CONTAI is the oldest College in Purba Medinipur District, West Bengal, India. It was established on July 15, 1926, as an Arts College under the University of Calcutta. In 1985, the College got affiliated to Vidyasagar University. The Institution has been accredited and re-accredited by the NAAC with a Grade 'A' in 2022. The college has also been awarded the status of "College with Potential for Excellence (CPE)" by the UGC in 2016. Presently, more than seven thousand students are studying in UG, PG, and B.Ed. Sections. The College has established two Research Centres under the aegis of Vidyasagar University with the object to undertake and promote sound and original research activities in the disciplines of 'Humanities and Social Sciences' and 'Natural Sciences', leading to the award of Ph.D. Degree.

COURSE CONTENTS

- Introduction to Artificial Intelligence (AI)
- Basic Mathematics
- Computing and Data Visualization using *Python Language*
- Machine Learning & Neural Network
- Real-life uses of AI

For any update contact us

Dr. Arindam Roy

Associate Professor, Dept. of Computer Science & Applications
Prabhat Kumar College, Contai.

+91 9434801964, +91 7001041279 arindamr@pkcollegecontai.ac.in