

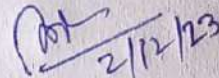
NOTICE

This is to inform all the students that the Department of Computer Science and Application, Pandu College is going to start One Add-on Certificate course from 06-12-2023. Therefore all the students of B.A./B.Sc./B.Com/B.C.A./Bio-Tech of different semesters and the ones who are interested are invited to join the courses for their academic benefits. Details of the courses are given below:

- 1) Course Name : Artificial Intelligence
Duration : 30 hours
Course Co-ordinator : Epsita Medhi, 9706096707

Interested students can contact the course Co-ordinator of respective courses of the Computer Science and Application department on or before 4th December, 2023.

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
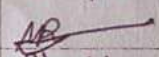

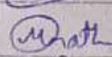
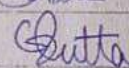
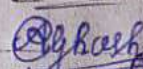
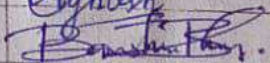


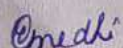
Dept of Computer Sc & Application
Pandu College.

Add – On Course

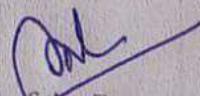
1. Name of the Course : - Artificial Intelligence
 2. Duration : - 30 hours (22 Theory, 8 Practical)
 3. Credit : - 4
 4. Course Objective : - The objective of the course ARTIFICIAL INTELLIGENCE is to design a system, which is capable of thinking for itself just as humans do. Since AI machines include reasoning, solving a puzzle, making judgement, learning and communicating its own, and development of its system would be much beneficial. AI works on reverse engineering human capabilities and traits and have been applied to machines. The system works intelligently yet independently. This course curriculum will help the students gain knowledge about the introductory part and theoretical knowledge about Artificial Intelligence. Its programming part would help in getting some idea about how the smart machines work.
 5. Course Outcome : - Through this course, the students can gain knowledge about the different traits of AI, the procedures behind and the programming sequences applied through it.
 6. Syllabus
 - Unit 1: (4 Theory)
An introduction to Artificial Intelligence, State Space Search
 - Unit 2: (4 Theory)
Breadth First Search, Depth First Search, Heuristic Search Hill Climbing
 - Unit 3: (4 Theory)
Introduction to knowledge representation
 - Unit 4: (4 Theory)
Introduction to Rule Based System
 - Unit 5: (6 Theory)
Description of Hidden Markov Model
Machine Learning
 - Unit 6: (8 Practical)
Introduction to Prolog Programming
 7. Reference/Books: - 1. 2. Basics of Artificial Intelligence and Machine Learning by Dr Dheeraj Mehrotra
- Full Signature of Course Coordinator: Epsita Medhi
- Name of Department: Computer Science and Application
- Date of Submission: 15/02/2024

Name of the Add on Course : INTRODUCTION TO ARTIFICIAL INTELLIGENCE.
 Department : COMPUTER SCIENCE AND APPLICATION
 Session : 2023-2024
 Duration of the course : 30 hours

Sl. No.	Name of Student	Roll No.	Date of Enrollment	Signature of Student
1.	Aminun Islam	1013	6-12-23	
2.	Aryan Ghosh	1024	06-12-23	Aryan Ghosh
3.	Jyotirmoy Das	1004	6-12-2023	Jyotirmoy Das
4.	Bishal Dewri	1009	6-12-23	Bishal Dewri
5.	Nitumoni Thakuria	1006	06-12-23	Nitumoni Thakuria
6.	Deepjyoti Rabha	1012	6-12-23	Deepjyoti Rabha
7.	Dibyajyoti Rabha	1008	6-12-2023	Dibyajyoti Rabha
8.	Anuj Das.	1036	6-12-23	Anuj Das.
9.	Monodev Rabha	1016	6-12-23	
10.	Ringkhong Boro	1027	06-12-2023	Ringkhong Boro
11.	Abhishek Mazumder	1030	06-12-23	
12.	Munmoy Nath	1014	06-12-23	
13.	Gourav Dutta	1028	6-12-2023	
14.	Klimbar Temung	1010	6-12-23	Klimbar
15.	Iswar Chetri	1031	6-12-23	Iswar
16.	Suraj Chand Daimary	1033	06-12-2023	Suraj
14.	Kankam Boro	1017	6-12-23	Kankam Boro
15.	Kartik Medhi	1029	06-12-2023	Kartik
16.	Kaniskajit Malakar.	1005	6-12-23	Kaniskajit.
17.	Ronit Bhowmick	1037	6-12-23	Ronit Bhowmick
18.	Arishan Dutta	1020	6-12-2023	Arishan
19.	Avilash Ghosh	1002	06-12-23	
20.	Banashree Bhuyem	1035	6-12-23	



EPSITA MEDHI
Course Coordinator



Head of the Department

ADD-ON-COURSE
HOD- BHASKAR SINGHA

PANDU COLLEGE :
Brill **STUDENT'S ATTENDANCE**

COORDINATOR - EPSITA MEDHI *Small*

Semester.

Class

A T T E N

Roll Numbers	Name of Students	← 2023 →												13	14	15	16	17
		06 1/12	08 2/12	19 3/12	20 4/12	26 5/12	12 6/12	14 7/12	15 8/12	20 9/12	22 10/12	27 11/12	28 12/12					
	AVILASH GHOSH	P	P	P	P	P	P	P	P	P	P	P						
	ADITI ROY	P	P	P	P	.	P	P	P	P	.	.	P					
	JYOTIRMOY DAS	.	.	P	P	P	P	P	.	.	.	P	P					
	KANISKAJIT MALAKAR	.	P	P	.	.	P	P	.	.	P	P	P					
	NITUMONI THAKURIA	P	P	.	.	.	P	P	.	.	P	P	.					
	ANURAG DUTTA	.	.	.	.	P	P	.	.	.	.	P	.				
	DIBYAJYOTI RABHA	P	P	P	P	.	.	P	P	P	P	P	P					
	BISHAL DEWRI	.	.	P	P	P	P	P	.	.	P	P	P					
	KLIMBAR TIMUNG	P	P	P	P	P	.	.	P	P	P	P	P					
	ROHIT SHARMA	P	P	.	P	P	P	.	P	P	P	P	P					
	DEEPAJYOTI RABHA	P	P	P	P	P	.	P	P	P	.	P	P					
	AMINUR ISLAM	P	P	P	P	P	P	.	P	P	P	P	.					
	MRINMOY NATH	P	P	.	P	P	P	P	P	P	P	P	P					
	MONODEV RABHA	P	P	P	.	.	P	P	P	P	P	.	P					
	KANKAN BORO	P	P	.	P	P	.	P	P	P	P	P	P					
	PRANJAL R MARAK	P	P	.	.	P	P	P	P	P	P	P	P					
	HRISHIKA CHAKRABORTY	.	.	.	P	P	P	.	.	.	.	P	P				
	GLORY TIGGA	.	P	.	P	P	.	.	.	.	.	P	P				
	ANIRBAN DUTTA	P	P	P	P	P	P	.	P	P	P	P	P					
	UTTAM SHARMA	P	P	P	P	.	P	P	P	P	P	.	P					
	AMIT DEBNATH	P	P	P	P	P	P	P	.	.	.	P	P					
	PRIYA SINGHA	.	.	.	P	P	P	.	.	.	.	P	.				
	ARYAN GHOSH	P	.	.	.	P	.	P	.	.	P	.	.					
	RINGKHAND BORO	P	P	P	P	P	.	P	P	P	P	P	P					
	GAURAV DUTTA	P	P	.	P	P	.	P	.	.	P	P	.					
	KARTIK MEDHI	.	.	.	.	.	P	P	.	.	P	P	.				
	ABHISHEK MAZUMDAR	P	P	P	P	P	P	P	.	.	P	P	P					
	ISWAR CHETRI	P	P	.	P	P	P	P	P	P	P	P	.	P				
	MEHMUDALOM MONDAL	.	.	.	.	.	P	.	.	.	.	.	P				
	SURAJ CHAND DAIMARY	.	.	.	.	.	.	.	.	.	.	.	.

ASSESSMENT – I
SUBJECT – INTRODUCTION TO ARTIFICIAL INTELLIGENCE
NAME OF THE STUDENT: Kam Kam Bao

Full Marks: 10

Time: 30 minutes

1. Artificial Intelligence is about _____.
a. Playing a game on Computer
b. ☒ Making a machine Intelligent
c. Programming on Machine with your Own Intelligence
d. Putting your intelligence in Machine
2. Who is known as the "Father of AI"?
(a) Fisher Ada (b) Alan Turing (c) ☒ John McCarthy (d) Allen Newell
3. Select the most appropriate situation for that a blind search can be used.
(a) Real-life situation, (b) ☒ Small Search Space, (c) Complex game, (d) All of the above
4. The application/applications of Artificial Intelligence is/are
(a) Expert Systems, (b) Gaming, (c) Vision System (d) ☒ All of the above
5. Among the given options, which search algorithm requires less memory?
(a) Optimal Search (b) ☒ Depth First Search (c) Breadth-First Search (d) Linear Search
6. If a robot is able to change its own trajectory as per the external conditions, then the robot is considered as the _____.
(a) Mobile (b) Non-Servo (c) Open Loop (d) ☒ Intelligent
7. Which of the given language is not commonly used for AI?
(a) LISP (b) PROLOG (c) Python (d) ☒ Perl
8. A technique that was developed to determine whether a machine could or could not demonstrate the artificial intelligence known as the _____.
(a) Boolean Algebra, (b) ☒ Turing Test, (c) Logarithm, (d) Algorithm
9. The component of an Expert system is _____.
(a) Knowledge Base, (b) Inference Engine, (c) User Interface, (d) ☒ All of the above
10. An AI agent perceives and acts upon the environment using _____.
(a) Sensors, (b) Perceiver, (c) Actuators, (d) ☒ Both a and c

REPORT ON ARTIFICIAL INTELLIGENCE

An Add-On course on Artificial Intelligence has commenced from 6-12-2023 with the aim of inculcating among the students the basic idea over the subject. The subject is included in the BCA 2nd Semester course curriculum. Thirty four of the students already registered for the course. This course aims to familiarize among the students, the recent trends and techniques of artificial intelligence in accordance to machine learning and deep learning. Along with the theory, practical classes are scheduled so that the students are capable of hands on implementation. Prolog programming is explained for considering the logical calculation of artificial intelligence.



HoD

Dept of Computer Sc and Appl

Date: 27-03-2024



Dept. of Computer Science and Internal Quality and Assurance Cell, Pandu College

Pandu, Maligaon, Guwahati-12

Regn No. AI/12-23/01

CERTIFICATE

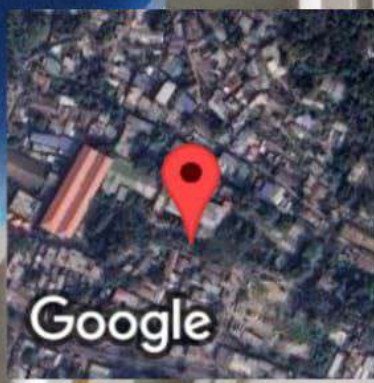
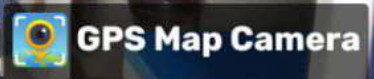
This is to certify that Mr./Mrs./Miss Aminur Islam has completed successfully 30 hour Certificate course on "Introduction to Artificial Intelligence" held in Pandu College from 06/12/2023 to 17/05/2024.

(Mr. Dipjyoti Barman)

Co-ordinator, IQAC, Pandu College

(Mr. Bhaskar Singha)

HoD, Dept of Computer Sc., Pandu College



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Long 91.69197°
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