



ONDA THANA MAHAVIDYALAYA

AI AND EDUCATION

Value Add-on Course 35 hours

Link For registration

<https://forms.gle/E9kRww3Zx5RavS7o8>



17 MAY 2019 to 24 MAY 2019

11 AM to 5 PM



Department of Education

COURSE OUTCOME

- 1. Understanding of AI Concepts.**
- 2. Awareness of AI Applications in Education.**
- 3. Competence in Data Analytics.**
- 4. Ability to Implement AI Tools.**
- 5. Critical Thinking and Problem-Solving Skills.**
- 6. Personalized Learning Design.**
- 7. Ethical and Social Responsibility.**
- 8. Future Readiness.**

COURSE CONTENT

2. Introduction to AI and Education

- A. Overview of artificial intelligence and its applications in various fields.
- B. Importance of AI in transforming the education sector.
- C. Historical context and evolution of AI in education.

Resource Persons: Joymalya Paramanik (Course Coordinator and Internal Resource Persons)

3. Foundations of AI

- A. Basic concepts and principles of artificial intelligence.
- B. Machine learning, deep learning, and neural networks.
- C. Natural language processing and computer vision.

Resource Persons: Ms. Priyanka mihircharyya & Rabin Banerjee (External)

4. AI Tools and Technologies for Education

- A. Adaptive learning systems.
- B. Intelligent tutoring systems.
- C. Personalized learning platforms.
- D. Virtual assistants and chat bots in education.

Resource Persons: Shri Pinmoy Ghatak & Akinchan Pal (External)

5. Data Analytics and Learning Analytics

- A. Introduction to data analytics in education.
- B. Collecting and analyzing educational data.
- C. Learning analytics for student performance prediction and intervention.

Resource Persons: Dr. Sourav Kumar Nag & Amit Kumar Bandhu (Internal)

6. AI in Instructional Design

- A. AI-based content creation.
- B. Automated assessment and feedback.
- C. Intelligent learning management systems.

Resource Persons: Radharanjan Saha & Abdul Momin Hadue (Internal)

7. Ethical and Social Implications of AI in Education

- A. Privacy concerns and data security.
- B. Bias and fairness in AI algorithms.
- C. Ensuring transparency and accountability in AI-powered educational systems.

Resource Persons: Ishita chakraborty & Biplob Choudhury (External)

8. Case Studies and Applications

- A. Real-world examples of AI implementation in education.
- B. Success stories and best practices.
- C. Challenges and limitations of current AI technologies in education.

Resource Persons: Sayan Dhara & Basudev Dey (Internal)

9. Future Trends and Opportunities

- A. Emerging trends in AI and education.
- B. Potential impact of AI on the future of learning and teaching.
- C. Opportunities for innovation and collaboration in the AI education space.

Resource Persons: Sri. Anujit Patra & Surajit Mukherjee (Internal)

