Paper Name -AI-enabled Education To Empower Future Educators Certification Programme

Paper Code -- (**VOC153**

Course Objective –

This programme aims to equip educators with a deep understanding of AI in education, enabling seamless integration into teaching, fostering confidence, innovation and collaboration and ultimately preparing them as visionary teachers in shaping the future of learning.

Course Content -

Unit - 1 Theory

Basics to Artificial intelligence.UnderstandingChatGPT.Learning the art of Prompting.Teaching content creation.Placeholder prompts and its importance in teaching. Text to voice generation. Video generation. AI in Research. Communication Development. Gamification in Education.Ethical Considerations in Education.Soft skill development.

Unit - 2 Theory/ Practical

Curriculum Generation. Lesson Plan Generation. PowerPoint Presentation Making. Quiz and Question Paper Genaration. Evaluation System.

Unit - 3 Practical

Encouraging gamification to enhance learning by offering students tailored inputs to practice and learn while also recognising their individualised learning pathways.

Unit - 4 Practical

Learning to write and compile books and research papers using AI tools on the basis of specific curriculum.

Total weightage of Theory - 40% of marks, 15 hours (1 Credit)
Total weightage of Practical - 60% of marks, 30 hours + 30 hours (2 Credit)
Practicum Work -
At least 4 activities should be given. Two activities will be selected by the students for their assessment of Practicum Work.

ACTIVITY 1: Students willdevelop a training chatbot for education purpose.

ACTIVITY 2: Students will create a game on a topic they prefer to enrich learning and interest among their students.

ACTIVITY 3: A complete curriculum development project where students will develop curriculum, lesson plan and tests.

ACTIVITY 4: Students will develop a book that will support the curriculum in coordination with the students of Activity 3.

Learning Outcomes –

Transformative journey in the realm of education. Learning of cutting-edge AI tools in education. Enhanced efficiency. Digital skills empowerment. Professional growth. Confidence building among students.

Job Prospects-

Employers increasingly value candidates with a deep understanding of technology, particularly in fields such as education, where AI rapidly transforms traditional practices. By completing this course, students will demonstrate their proficiency in leveraging AI tools to enhance teaching and learning experiences, making them attractive candidates for roles in educational institutions, edtech companies and other related industries. The practical skills and hands-on experience gained through this course will enable students to stand out in a competitive job market.

Skill Partner-

SNS Innovation Labs Pvt. Ltd.

Suggested Reading –

1. Artificial Intelligence in Education: Promise and Implications for Teaching and Learning by Janice Gobert and Philip H. Winne
2. The Future of Learning: Education in the Era of Partners in Code by Julian Stodd
3. Exploring AI Tools: A Comprehensive Guide To ChatGPT And Beyond by Satyen Srivastava