

Certificate of Merit

This is to certify that **Mr/Mrs. Prerna Pathak** with registration number (21BCE7506) has completed his/her Value Added Course from **21 August 2023 to 21 November 2023** with **Artificial Intelligence and Machine Learning** as the specialization and secured **82.3 out of 100** in the overall performance score as given below

Evaluation Metrics:

Metrics	Sub-Evaluation Metrics & Scoring Criteria	Weightage	Total Score	Your Score
Assignments & Quizzes	Quizzes (Total – 4 Nos.)	2	10	6
	Assignment-1	2		
	Assignment-2	2		
	Assignment-3	2		
	Assignment-4	2		
Innovation & Problem Solving	1. Empathise & discover	5	10	8
	2. Brainstorm & Prioritize Ideas	5		
Project Design using Design Thinking	1. Proposed solution	3	6	2.9
	2. Solution Architecture	3		
Requirement Analysis using Critical Thinking	Determine the Requirements (Data Flow Diagram)	4	4	2
Technology Stack	1. Technical Architecture	1	2.5	2
	2. Open Source Frameworks	0.5		
	3. Third-party API's	0.5		
	4. Cloud Deployment	0.5		
Project Planning	Project Planning Details	2.5	2.5	2
Coding & Solutioning	1. No. of Functional Features included in the solution	3	15	13.5
	2. Code-Layout, Readability and Reusability	3		
	3. Utilization of Algorithms, Dynamic Programming, Optimal Memory Utilization	3		
	4. Debugging & Traceability	3		
	5. Exception Handling	3		
Solution Performance	<u>For Android Application Development and AI for Cyber Security with IBM Qradar</u> Application Performance Metrics <u>For Artificial Intelligence and machine Learning</u> Model Performance Metrics <u>For Data Analytics</u> Dashboard & User Story Metrics (Data Analytics)	5	5	4.5
Project Documentation	Project Documentation	5	5	3.5
Project Demonstration	Project Demonstration	5	5	2.9
Grand Assessment	Grand Assessment	30	30	30
Attendance	Attendance	5	5	5
Overall			100	82.3