

## Certificate of Merit

This is to certify that **Mr/Mrs. Gande Vishnu Vardhan** with registration number (21Bce8103) has completed his/her Value Added Course from **21 August 2023** to **21 November 2023** with **Data Analytics** as the specialization and secured **88.95 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	9.65
	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	5
	2. Solution Architecture	3		
Requirement Analysis using Critical Thinking	Determine the Requirements (Data Flow Diagram)	4	4	3
Technology Stack	1. Technical Architecture	1	2.5	2.5
	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	2.3
Coding & Solutioning	1. No. of Functional Features included in the solution	3	15	13
	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	<b><u>For Android Application Development and AI for Cyber Security with IBM Qradar</u></b> Application Performance Metrics <b><u>For Artificial Intelligence and machine Learning</u></b> Model Performance Metrics <b><u>For Data Analytics</u></b> Dashboard & User Story Metrics (Data Analytics)	5	5	3.5
Project Documentation	Project Documentation	5	5	4.5
Project Demonstration	Project Demonstration	5	5	4.5
Grand Assessment	Grand Assessment	30	30	28
Attendance	Attendance	5	5	5
<b>Overall</b>			<b>100</b>	<b>88.95</b>