



S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by All India Council for Technical Education (AICTE), New Delhi
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

REPORT ON Student Development Program – 2024

A Student Development Program on "AI Certification Tools" was conducted on 2nd to 6th Sep 2024. The objective of conducting the SDP was offer students a hands-on learning experience and Visual Analytics using Power BI.

BANNER



S.F.A. COLLEGE OF ENGINEERING AND TECHNOLOGY Eltanagar Basaranadura. Virgonagar Post (K.R.Puram) BANGALORE-560049







Dept. of Computer Science & Engineering Organizes



STUDENT DEVELOPMENT PROGRAM ON "AI CERTIFICATION TOOLS" in association with IQAC and IIC

2nd to 6th Sep 2024

Time: 10.30AM to 4PM



Speaker: Mr. SREENIVA RAM
Professional Leader of Industry (Tech Mahindra)

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The Student Development Program was conducted successfully with whole hearted participation by Mr. SRINIVAS VEERABATHINI (Professional Leader of Industry (Tech Mahindra)

A professional with analytical and planning skills and with a decade long experience and exposure gained through – the academic excellence, Osmania University, and Professional Leader of Industry – Tech Mahindra (Satyam Computer System). • Has international working experience across various countries like Nanjing – China, Louisiana – USA, Sydney – Australia along with 14+ years of working on offshore projects at Tech Mahindra. • A total of 32+ years of IT experience in diversified fields of Training, Team Management and Application Development.

Worked extensively in Business Intelligence area – ETL, Reporting, Analytical and Visualization Tools.
 Expertise in designing and implementing customer focused training programs.
 Having domain knowledge of Banking, Financial & Insurance applications.

Every day approximately 110students from various departments attended the SDP.

S.No	Date	Contents	Batch	No of Students
			Details	
1	2-Sep-24	Artificial Intelligence Fundamentals Certification has the following courses. 1. Introduction to Artificial Intelligence 2. Natural Language Processing 3. Machine Learning and Deep Learning 4. Run AI Models with IBM Watson Studio 5. AI Ethics 6. Your Future in AI: The JOB Landscape"	CSE	110

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2	3-Sep-24	Wed "Visual Analytics using Power BI	CSE	110
		1. Get Data from Web		
		2. Data Cleansing		
		3. Removing Top Rows, Removing Columns		
		4. Removing N/A fows, Empty Rows etc		
3	4-Sep-24	1. Formatting data / Converting to suitable data types	CSE	95
		2. Apply and Close the Query Editor		
		3. Converting the Geographical data / Recognize Geo Data / Data Categories		
		4. Building Visualizations		
		5.Column Chart		
4	5-Sep-24	"Visual Analytics using Power BI	CSE	96
		1. Get Data from Local Multiple Files Excel / CSV		
		2. Data Cleansing of each loaded file		
		3. Removing N/A fows, Empty Rows etc		
		4. Formatting data / Converting to suitable data types		
		5.Apply and Close the Query Editor		
		6.Data Modeling using Power Pivot		
		7. Joing the NW Source files based on the related Columns		
		8. Validating the Type of Relationships		
		9. Validating / Providing Cross Filter direction details		

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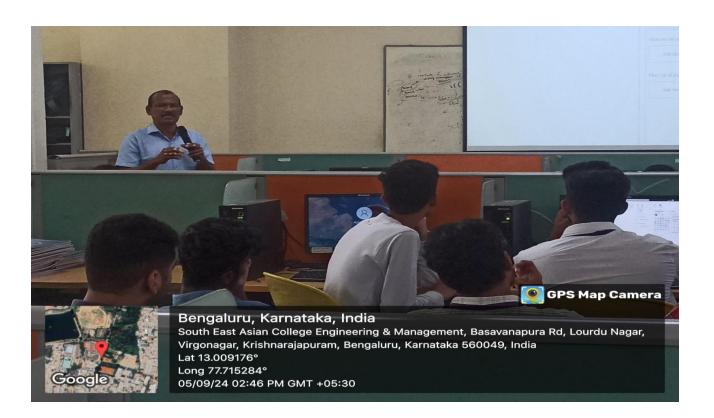


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5	6-Sep-24	Converting the Geographical data / Recognize Geo Data / Data Categories	CSE	98
		- Building Visualizations		
		- Column Chart		
		- Pie Chart		
		- Geo Map		
		- KPI Visual		
		- Line Chart		
		- Building a NW Sales Dashboard		

Glimpse:-



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