

Programme on

# Transforming Business with Generative AI, SAP HANA, Machine Learning, and Visualization

(January 20-22, 2025)

## PROGRAMME OVERVIEW

Across government sectors, digital transformation is redefining service delivery and decision-making. At the core of this shift are disruptive technologies like Artificial Intelligence (AI), Machine Learning (ML), and Generative Business Intelligence (BI) that empower agencies to operate with increased efficiency and data-driven insights. As daily operations like public service delivery, citizen engagement, and resource allocation undergo rapid modernisation, Indian government departments are poised to lead this change.

This programme, "Transforming Business with Generative AI, SAP HANA, Machine Learning, and Visualization," is designed specifically for the participants who wish to leverage AI and ML to address real-world administrative challenges. By exploring the seamless integration of Generative AI, SAP HANA, and advanced visualization tools, participants will gain practical insights into AI's role in enhancing operational efficiency and supporting strategic decision making. The three-day course will cover foundational concepts and hands-on exercises, enabling participants to connect these tools to their daily tasks—be it generating reports, creating tender documents, document evaluation, improving citizen services, or optimizing resources. Through interactive sessions, case studies, and collaborative workshops, participants will be equipped with the skills needed to drive innovation, enhance decision-making, and contribute to a future-ready public sector.

## OBJECTIVES

- ◆ To equip participants with an understanding of how Generative AI, SAP HANA, Machine Learning, and Visualization converge to transform business operations.
- ◆ To empower participants with practical skills for implementing these advanced technologies in their daily work environment and real-world scenarios.

## IMPACT

Upon completion of the training, the participants will be able to:



**Gain insights** into the latest advancements in Generative BI, SAP HANA, Machine Learning, and Visualization, with a focus on practical applications in the government sector.



**Enhance decision-making** by effectively integrating AI, ML, and visualization tools into daily government office operations to improve service delivery and resource management.



**Collaborate and exchange ideas** with peers, enabling cross-departmental learning and creating a network of AI-driven governance professionals.



**Acquire practical skills** through hands-on workshops, equipping them to implement AI-powered solutions for document automation, data-driven reporting, and citizen service optimization.

## CONTENT

### Day 1: Foundations of AI in Governance and Real-World Applications

#### ◆ Morning Session:

##### *Introduction to AI and Machine Learning*

- ▶ Overview of AI's role and how it supports administrative efficiency and data-driven decision-making.
- ▶ Case studies on AI applications - tax collection, citizen services, public health).

#### ◆ Afternoon Session:

##### *Introduction to Generative BI and its Practical Use in Government*

- ▶ Exploring Generative BI's potential in data analysis.

##### *Using AI for Data Analysis and Visualization*

- ▶ Hands-on with data visualization in Tableau, focusing on real-time data analytics for decision-making.

### Day 2: Enhancing Operational Efficiency with Machine Learning and SAP HANA

#### ◆ Morning Session:

##### *Applying Machine Learning to Solve Government Challenges*

- ▶ Introduction to supervised and unsupervised learning, with examples relevant to - fraud detection and public service optimization.
- ▶ Introduction to Generative AI in SAP HANA for in-memory computing, data storage, and advanced analytics with examples in finance, HR, and citizen service databases.

#### ◆ Afternoon Session:

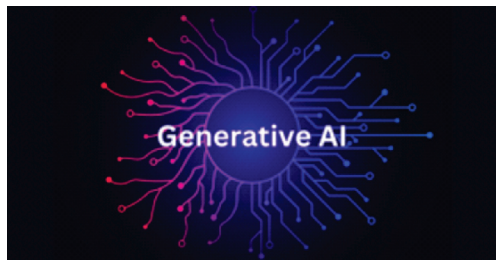
##### *Leveraging Power-BI for Real-Time Data Processing*

- ▶ Hands-on exercise with in-memory computing, data storage, and advanced analytics with examples in finance, HR, and citizen service databases.

### *Customizing Dashboards for Daily Reports and Analytics*

- ▶ Practical session on creating dashboards that provide daily insights into performance, citizen feedback, and resource allocation.

### **Day 3: Practical AI Tools for Daily Office Tasks and Strategic Decision-Making**



#### ◆ **Morning Session:**

##### *Integrating AI and Machine Learning Tools with Current Office Processes*

- ▶ Exercise on how to automate repetitive tasks, streamline reporting, and improve accuracy using AI. For example: AI for document generation, data categorization, tender evaluation, tender preparation and prioritization of citizen queries.
- ▶ Practical exercises with Generative AI tools for drafting, summarizing, and reporting.

#### ◆ **Afternoon Session:**

##### *Collaborative Discussion: Developing a Strategy for AI-Driven Governance*

- ▶ Interactive session where participants brainstorm AI integration in their departments, based on what they've learned.
- ▶ Presentation by participants on "AI-Driven Strategic Decision Making".

### **PARTICIPANT PROFILE**

- ◆ Executives, managers, and officers in middle to senior positions across various industries such as government, manufacturing, and services.
- ◆ Professionals responsible for driving organizational growth through the implementation of advanced technologies, tender preparation, evaluation committee members etc.
- ◆ Individuals interested in leveraging Generative AI, SAP HANA, machine learning, and visualization (Business Intelligence tools from Microsoft and Salesforce) to innovate and optimize business processes.
- ◆ Participants seeking to enhance their understanding of how these technologies can be integrated to achieve strategic business objectives.

### ***Organisational sponsorship is essential***

### **VENUE**

The programme is fully residential and the participants will be accommodated in air-conditioned single occupancy rooms. The college does not provide accommodation for the family. The college is Wi-Fi enabled in a comprehensive way.

### **DURATION**

The programme duration is 3 days starting from **January 20-22, 2025**. The participants are expected to arrive a day before commencement and may leave after the conclusion of the programme.

### **PROGRAMME FEE**

**Residential Fee: Rs. 43,700/-** (US \$683 for foreigners) plus GST as applicable, presently 18% per participant. The fee covers tuition, board and lodging, courseware (in electronic form) and other facilities of the College including internet usage.

**Non-Residential Fee: Rs. 37,700/-** plus GST as applicable (presently 18%) per participant. The fee covers tuition, course ware (in electronic form) working lunch and other facilities of the College including internet usage.

A discount of 10% on the Programme fee for three or more participants from the same organisation will be given, provided the payment is credited into our Bank account before **January 17, 2025**.

**Note:** Kindly forward us the details of Bank/Wire transfer of fee payment indicating the **Programme Code: PRG/24-25/1/141** to [poffice@asci.org.in](mailto:poffice@asci.org.in) for confirmation.

#### **Bank details are given below:**

##### **For Indian Participants :**

Bank Account Number	62090698675
Beneficiary Name	Administrative Staff College of India
IFSC Code	SBIN0020063
Bank Name	State Bank of India
Branch Address	Bellavista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082

##### **For Foreign Participants:**

Bank Account Number	62090698675
Beneficiary Name	Administrative Staff College of India
Swift Code	SBININBB327
Bank Name	State Bank of India
Branch Address	Bellavista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082.
Country	India





### **MEDICAL INSURANCE**

The nominees are requested to carry with them the proof of Medical Insurance. The sponsoring agency is required to endorse the nominees' medical coverage in the event of hospitalisation.

### **LAST DATE FOR NOMINATION**

Please use the prescribed / attached form. Last date for receiving nominations is **January 13, 2025**. Kindly contact Programmes Officer for further details (contact details are given at the end of the nomination form).

### **LAST DATE FOR WITHDRAWAL**

**January 13, 2025**. Any withdrawals after this date will entail forfeiture of fee paid, if any.

### **ASCI ALUMNI ASSOCIATION**

Participants of the College programmes will automatically become members of the ASCI alumni association.

### **CERTIFICATE OF PARTICIPATION**

The College issues a Certificate of Participation on conclusion of the programme.

### **Programme Directors**

#### **Dr Karnak Roy,**

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Associate Professor  
karnak.roy@asci.org.in

#### **Dr Raman Ghosh,**

Ph.D. IIT Bombay  
Assistant Professor  
raman.ghosh@asci.org.in



### **Administrative Staff College of India**

Bella Vista, Raj Bhavan Road, Khairatabad,  
Hyderabad - 500 082, India.

**Telefax (Programmes Office) : 0091-40-23324365**

Mobile: 9246203535, Phone : 0091-40-66534247

Fax : 0091-40-66534356

### **College Park Campus**

Road No. 3, Banjara Hills,  
Hyderabad - 500 034.

Tel: 040-66720700 / 01 /02 /05

Fax : 040-66720725

### **Delhi Campus**

C-24, Institutional Area  
South of IIT, Behind Qutub Hotel  
New Delhi-110 016.

Tel: 011-26962204, 26961750, 26961850



**ADMINISTRATIVE STAFF COLLEGE OF INDIA**  
Bella Vista, Raj Bhavan Road, Hyderabad - 500 082, (India)

## Nomination Form

Programme on

# Transforming Business with Generative AI, SAP HANA, Machine Learning, and Visualization

(January 20-22,2025)

### Nominee's Contact Information :

Name (Mr/Ms) :	_____	Date of Birth :	_____
Designation :	_____	Qualification :	_____
Organisation :	_____		
Address :	_____		
Phone(s) :	(Off) : _____	(Mobile) :	_____
		Home :	_____
e-mail :	_____	Fax :	_____

### Sponsor's Details

Name of the Sponsoring Authority _____	Designation _____
Organisation :	_____
GSTIN No. :	_____
Address :	_____
	_____
	Pincode : _____
Phone(s) :	(Off) : _____
	(Mobile) : _____
e-mail :	_____
	Fax : _____

### Fee Particulars

Amount Payable :	_____	Mode of Payment (DD/Chq/NEFT) :	_____
Name of the Bank :	_____	Date of Instrument/Transfer :	_____
Instrument Number :	_____	UTR Number for NEFT :	_____

### Medical Insurance

Name of the Insurance Agency	Policy Number	Validity upto
<b>Note : Coverage should be available in Hyderabad, India</b>		

Signature and Official Seal of the Sponsoring Authority :

NOTE : Forward nomination form to : **Mr. G. Sreenivasa Reddy, Programmes Officer**, Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone : 0091-40-66534247, 66533000, Mobile: 9246203535, Fax : 0091-40-66534356, e-mail: poffice@asci.org.in