




# APS COLLEGE OF ENGINEERING

Anantha Gnana Gongothri Campus,  
Somanahalli, Kanakapura Road, Bengaluru - 5600082




Dept of CSE and ISE has initiated Alumni Interaction series from this academic year. As the first event, it is happy to share that Ms Poonam Sampat, Data and AI Specialist, Microsoft, Singapore will be sharing her thoughts on Unlocking Creativity: The Power of Generative AI for Future Innovators.

APS Educational Trust (Estd. 1935)




**APS College of Engineering**  
"Anantha Gnana Gangothri" Somanahalli,  
Bengaluru - 560116



**Dept. of CSE & ISE**

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**Alumni Interaction**






**Ms. Poonam Sampat**  
Data and AI Specialist, Microsoft, Singapore  
(2002 CSE Passed out)

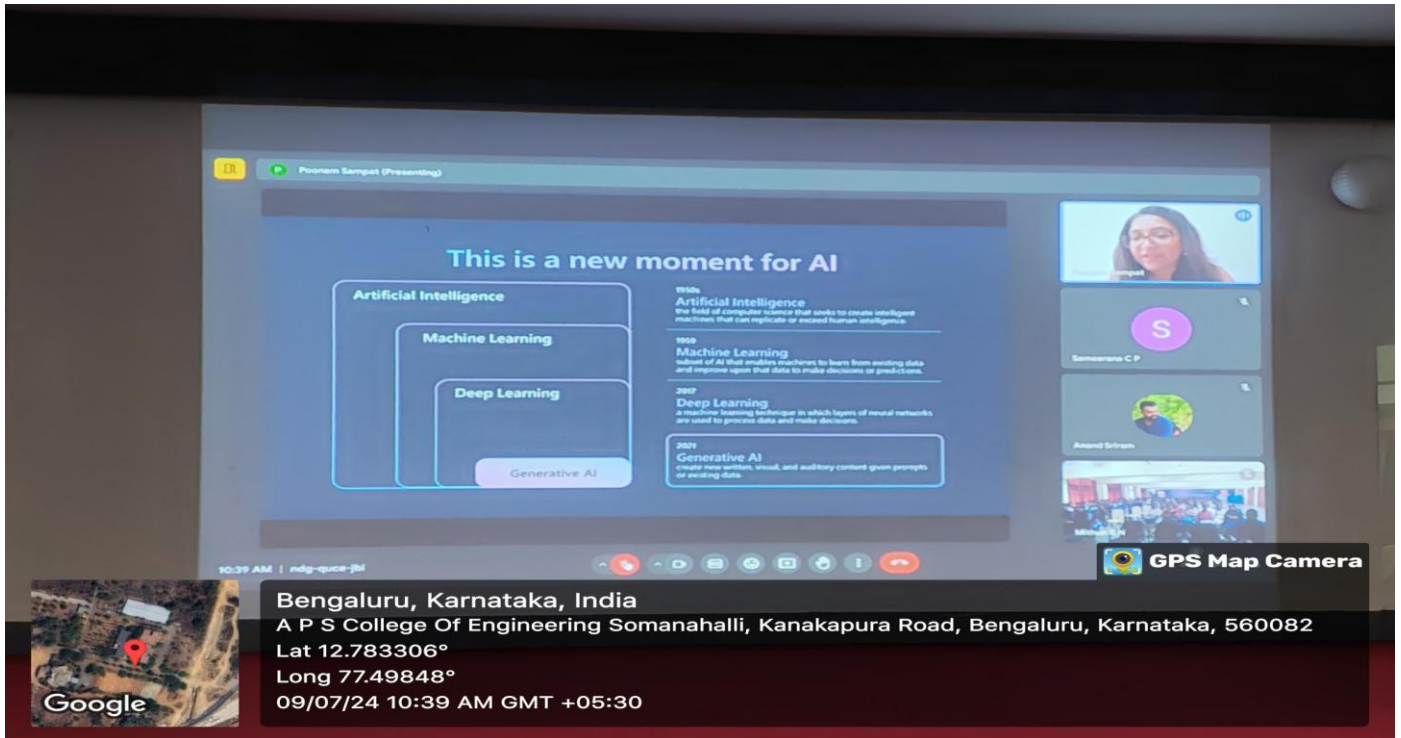
Topic :  
**Unlocking Creativity: The Power of  
Generative AI for Future Innovators**

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**Tuesday, 09 July | 10:30 AM**  
**Online - Google Meet**



An Alumni interaction session was conducted by Dept of CSE and ISE. Ms Poonam Sampath (2002 CSE passed out), working as Data and AI specialist, Microsoft, Singapore delivered a session on Unlocking Creativity: The Power of Generative AI for Future Innovators to the students. Some of the Alumnis of different batches and branches had joined with us for the session.





Poonam Sampat (Presenting)

## How does the Technology Stack Look?

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    graph TD
      CD[Context Data - Company Data] --> DP[Data Pipelines  
K8S, Airflow]
      DP --> EM[Embedding Model  
Azure Open AI]
      EM --> VD[Vector Database  
Cognitive Search / Vector DB, Cosmos DB / Vector DB]
      
      FSL[Free Shot Learning - Prompt] --> P[Playground  
Playground ACAS]
      P --> DT[Dev Tools  
Azure Prompt Flow]
      
      Q[Query] --> A[Application  
API Services]
      A --> OL[Orchestration Layer  
LangChain, Semantic Kernel, Azure Prompt Flow]
      
      OL --> VD
      OL --> C[Cache  
Azure Cognitive Search  
Redis]
      OL --> E[Evaluation  
Azure Prompt Flow]
      OL --> G[Governance  
Azure Prompt Flow]
      
      OL --> FM[Foundational Model - Azure Open AI APaaS, Open Models]
      
      OL --> O[Output]
  
```

11:00 AM | ndg-quce-jbl

9 Jul 2024, 11:00 am

APS INSTITUTIONS SALUTES IT'S GREATEST ALUMNI

GPS Map Camera

Bengaluru, Karnataka, India  
 A P S College Of Engineering Somanahalli, Kanakapura Road, Bengaluru, Karnataka, 560082  
 Lat 12.783306°  
 Long 77.49848°  
 09/07/24 10:35 AM GMT +05:30

Google

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