



# DayanandaSagar College of Arts, Science, and Commerce

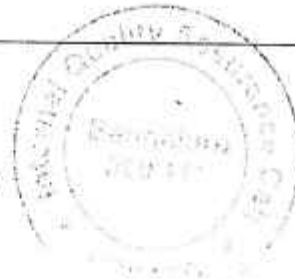
Internal Quality Assurance Cell  
Department of Computer Applications



Department:BCA

Date of Report:28-3-2026

Sl. No.	Particulars	Event related Details			
1.	Event*	FDP			
2.	Title of the Event	Online 5 days FDP on Gen AI and Agentic AI			
3.	Date of Conduction	23/03/2026to 27/03/2026	4.	Time	02:00PM to 05:00 PM
5.	Venue	Online Zoom Platform			
6.	Resource Person 1 Details	Name: Mr.Naman Sinha & Mr. AnugrahPratap Singh Designation: Lead Software Engineer & DevOps Engineer	Organization: ZEISS & Wipro Specialization: Azure & Gen Adversal Networks		
7.	Topics Covered	<ul style="list-style-type: none"><li>• Introduction to AI and Machine Learning basics</li><li>• Gen Adversal Networks</li></ul>			
8.	Resource Person 2 Details	Name:Ms.Thrisha & Mr.Sathish V Designation: SRE , Senior Software Engineer	Organization : Newfold Digital & CIRCANA Specialization :Prompt Engineering and AgenticAI		
9.	Topics Covered	<ul style="list-style-type: none"><li>• Auto encoders</li><li>• LLMs</li><li>• Building with LangChain</li><li>• GenerativeAI</li><li>• Prompt Engineering</li><li>• AgenticAI</li><li>• AI for Research</li></ul>			
10.	No. Faculty Participants	Internal:	22	External:	23
11.	No. Student Participants	Internal:	-	External:	18
12.	Faculty Coordinator/s	Full Name: Mrs. Yogeshwari H V and Mrs. Lakshmi S Department: Computer Applications Designation: Assistant Professor			



Sl. No.	Particulars	Event related Details			
13.	Student Coordinator/s				
14.	Total Expenditure	-	15	Sponsors and Amount	Nil
16.	Agenda of the Event	NA	17.	Provide the link of the report uploaded on College Website	--
18.	Social Media Links	--	19.	Report sent to Newspapers? If yes, provide cuttings/images:	No
20.	Certificates Printed?	Yes	21.	Feedback Collected?	Yes
22.	Attendance Sheet Attached?*	Yes	23	Photographs of the Event	Yes
24.	Summary of the Event	<p>The Department of Computer Applications-BCA conducted an online 5 days FDP on GenAI and Agentic AI in Association with our Knowledge partner Swipe Gen. The FDP provides a balanced mix of theoretical knowledge and practical exposure, preparing participants to effectively leverage Generative and Agentic AI in academic and professional environments.</p> <p><b>Day 1:</b> Mr. Anugrah Pratap Singh explained fundamental ML techniques and guided participants through practical applications. The sessions on Generative Adversarial Networks (GANs) highlighted how generator and discriminator models work together to create realistic data.</p> <p><b>Day 2:</b> Ms. Trisha Moitra provided insights into Autoencoders, explaining their role in data compression, feature extraction, and anomaly detection. She introduced Large Language Models (LLMs) and their capabilities in understanding and generating human-like text. Hands-on sessions demonstrated building LLM-based applications using the LangChain framework.</p> <p><b>Day 3:</b> Ms. Trisha Moitra introduced Generative Engineering as a systematic approach to designing AI-driven content and solutions. They emphasized Prompt Engineering as a key skill for effectively interacting with generative AI models. Participants learned techniques to craft clear, structured prompts for better and more accurate outputs.</p> <p><b>Day 4:</b> Mr. Sathish V conducted hands-on experiments in Prompt Engineering using ChatGPT to demonstrate effective interaction with AI models. They showcased how different prompt strategies impact the quality and accuracy of responses. Sessions on Agentic AI highlighted building autonomous agents that can plan, reason, and execute tasks. The speaker guided participants to create an AI Agent using Opal which helps to create quiz as an innovative tool for classes.</p> <p><b>Day 5:</b> Mr. Sathish V introduced AI tools for research such as Semantic Scholar, Zotero, Elicit, and Research Rabbit. They demonstrated how these tools help in discovering relevant papers, managing references, and summarizing research efficiently. Participants learned to streamline literature reviews and organize citations using AI-assisted workflows.</p> <p>Overall, the FDP successfully combined theory, practical implementation, and research applications, equipping participants with essential skills in modern AI technologies.</p>			



*[Signature]*  
Event Coordinator

*[Signature]* 28/03/26  
Dr. Arun Kumar, Ph.D.  
HOD-BCA, Dayananda Sagar College of Arts, Science & Commerce  
Associate Professor & HOD-BCA, Department of Computer Applications  
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Shivaji Malleshwara Hills, Kumaraswamy Layout  
Bengaluru - 560 111

*[Signature]* 28/03/26  
IQAC Coordinator  
Dayananda Sagar College of Arts, Science & Commerce  
Shivaji Malleshwara Hills, Kumaraswamy Layout, Bengaluru - 560 111

*[Signature]*  
Principal  
Principal  
Dayananda Sagar College of Arts, Science & Commerce  
Kumaraswamy Layout, Bengaluru - 560 111



DEPARTMENT OF COMPUTER APPLICATIONS  
in association with IQAC

FACULTY DEVELOPMENT  
PROGRAMME (ONLINE MODE)

# GEN AI & AGENTIC AI



23-27 MARCH  
2026



2:00 PM  
5:00 PM



Online  
Session

### KNOWLEDGE PARTNER



### SCAN TO REGISTER



## Resource Persons



Mr. Naman Sinha  
Lead SE, ZEISS Group



Ms. Trisha Moitra  
SRE, Newfold Digital



Mr. Satish V  
SE, CIRCANA



Mr. Anugreh Pratap Singh  
DevOps Engineer, WIPRO

## ABOUT THE COLLEGE

Dayananda Sagar College of Arts, Science and Commerce (DSCASC) is one of the leading higher education institutions in the Silicon City of India, Bangalore. The college functions under the aegis of the renowned Dayananda Sagar Institutions, which has a rich legacy of more than six decades in providing quality education. DSCASC offers a wide range of programs at both undergraduate and postgraduate levels and is affiliated with Bangalore University. With more than 2800 students enrolled across various disciplines, the institution has consistently been at the forefront of delivering academic excellence and holistic development. The college is situated on a serene 30-acre campus in the heart of the city, equipped with state-of-the-art infrastructure and modern learning facilities that foster an ideal academic environment.

The Department of Computer Applications at DSCASC offers the Bachelor of Computer Applications (BCA) and Master of Computer Applications (MCA) programs.

## OBJECTIVES OF THE FDP

- To familiarize faculty with the Artificial Intelligence and Machine Learning techniques.
- Learn key computational approaches to Neural Networks and GAN's.
- Understand the usage of Generative AI for academic and administrative work.
- Familiarize participants with Agentic architecture, reasoning models and frameworks.
- Implement agent workflow for real-world problems and research.

## TOPICS COVERED

- **DAY 1** : Introduction to Artificial Intelligence and Machine Learning, Neural Networks and GAN's.
- **DAY 2** : Autoencoders, Large Language Models , Building with LangChain.
- **DAY 3** : Generative AI, Prompt Engineering
- **DAY 4** : Prompt Engineering , Experiments with ChatGPT, Agentic AI.
- **DAY 5** : AI for Research.

## PARTICIPANTS

Faculty members from Universities / Engineering / Science Colleges, Professionals from Industries and R&D Organizations can attend this faculty development programme.

## REGISTRATIONS

- Registration fee is **Rs. 300** ( Rupees Three Hundred Only) for all faculty and professionals from industry.
- Participants to provide their details in the link given below and wait for the confirmation.
- The last date for registration is **21 March 2026**.
- Participants are encouraged to attend minimum of 80% sessions to avail E-Certificate.
- Faculty are informed to submit the feedback for every session.

**REGISTRATION LINK:** <https://forms.gle/bLbDa4Xqa5q9dDG77>  
(Payment Details enclosed in the registration form)

**FDP Coordinator** : Dr. Aruna Devi , Associate Professor - hod-bca@@dayanandasagar.edu  
Mrs. Lakshmi S , Assistant Professor - lakshmi-bca@dayanandasagar.edu  
Mrs. Yogeshwari, Assistant Professor - yogeswari-mcabu@dayanandasagar.edu

For Queries please contact : **080 - 42161737**

## CONTACT DETAILS

**Principal**  
**Vice-Principal**  
**Dy. Director**

Dr. Balu L  
Prof. Hemanth Uppala  
Dr. Kumudavalli M V

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**Dayananda Sagar College of Arts, Science, and Commerce**  
**Internal Quality Assurance Cell**  
**Department of Computer Applications**



Department: BCA

Date of Report: 28-3-2026

Photos:

Day1 Photos



Photo1 : Speaker explaining the ML steps



Photo2: Speaker highlighting the problem types



Photo 3: Speaker explaining the deep learning process

Day 2 Photos



Photo 4: Speaker Briefing about RAG



Photo 5: Speaker explaining about Encoding

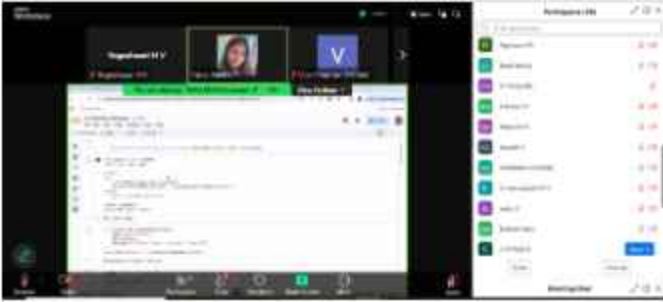


Photo 6: Practical demonstration



Photo7: Speaker Briefing about LLM

### Day 3 Photos



Photo8: Speaker Briefing about Prompt engineering



Photo9: Speaker explaining about Limitation of AI



Photo10: Speaker explaining about Mitigation

## Day 4 Photos:



Photo11: Speaker demonstrating the Opel tool

## Day 5 photos:

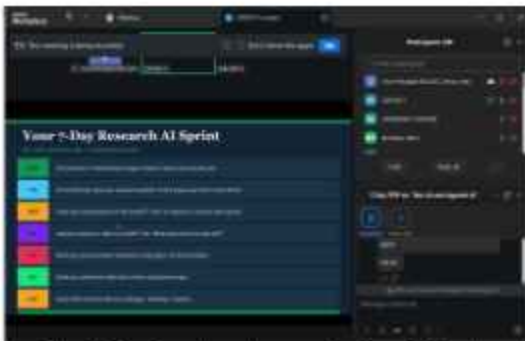


Photo12: Speaker demonstrating AI tools

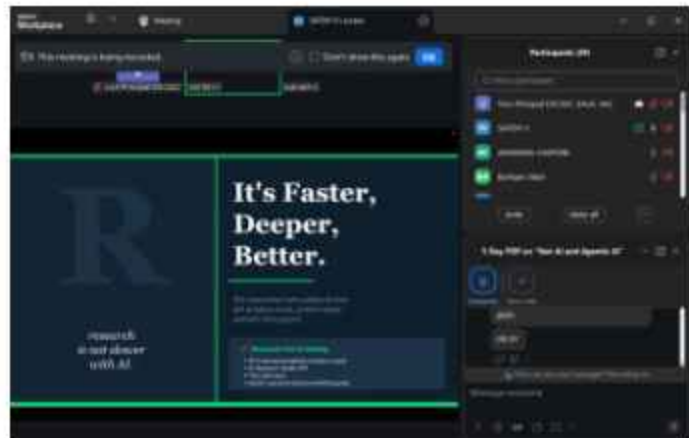


Photo13: Speaker demonstrating AI tools



No

It was good session

Wonderful Session.

-

Session was informative.

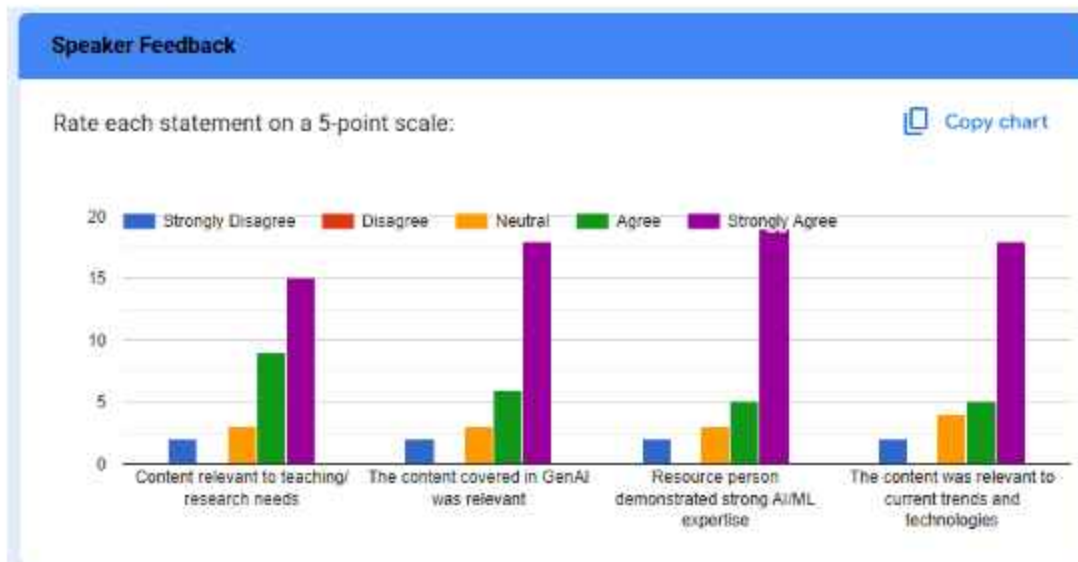
Need advanced case study explanations

Good

Wonderful session

Nil

## Day2 & 3



## Any Suggestion

10 responses

Was such a informative and had good handson

It was helpful, thank you

Nil

Excellent Session

Pace modulation needs to altered to audience needs

Good session

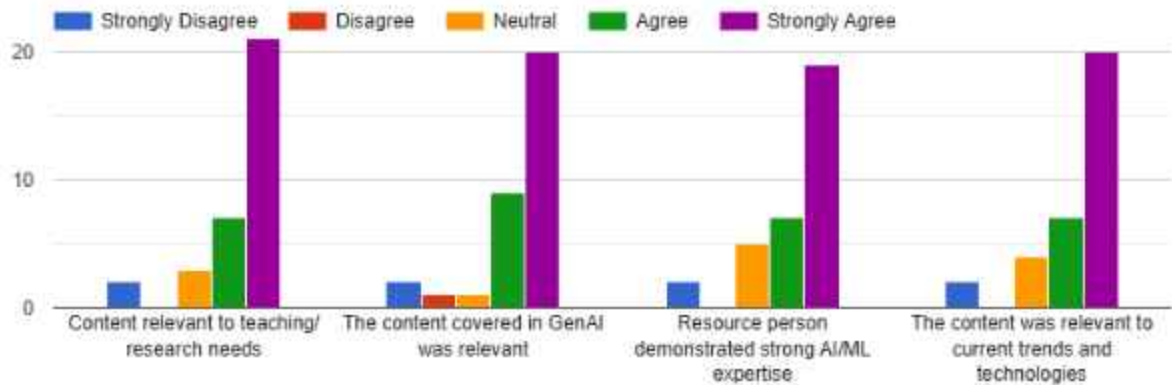
Nice session

## Day 4 & Day5

### Speaker Feedback

Rate each statement on a 5-point scale:

 [Copy chart](#)



## Any Suggestion

18 responses

Good
Nothing
Informative Session
No
Nil
Was a good session
nil
Excellent