

# Large Language Models

## One Day Workshop

### Exploring LLMs Through Hands-On Experimentation (31-January 2025)

Conducted by

CR Rao Advanced Institute of Mathematics, Statistics and Computer Science,  
University of Hyderabad Campus, Prof.CR Rao Road, Hyderabad-500054.

#### ABOUT CR RAO AIMSCS

CR Rao AIMSCS is engaged in cutting edge research in areas of Mathematics, Statistics, Computer Science and interdisciplinary fields, and provides a forum for experts from different fields to meet and address problems of mutual interest. The institute has Centers of Excellence in (1) Mathematical Sciences, (2) Statistics (3) Computer Science and its allied areas such as Data Science, Cyber Security, Artificial Intelligence, Blockchain technology, IoT security, Quantum & post-Quantum technology.

#### ABOUT WORKSHOP

LLMs are becoming a defacto AI standard for effective question and answering (based on prompt engineering), AI chatbots, document summarization etc. This One-day intensive program provides participants with a comprehensive understanding on Large Language Models (LLMs), and applications of LLMs' for various domains. The program has been divided into four sessions, each focusing on a different application area, offering a blend of theoretical insights, practical examples, hands on and demos with interactive discussions.

#### WHO SHOULD ATTEND

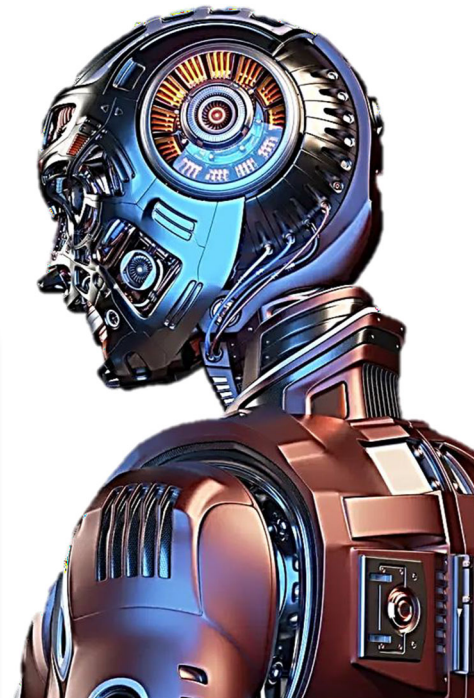
- User Agency Representatives
- Data Scientists/ Machine Learning Engineers
- AI Enthusiasts
- Researchers in AI-related fields

#### Registration

- Registration Fee :

Category	Registration Fee
Research Scholar/Ph.D Students/PG Students	Rs. 2500/-
Academicians	Rs. 5000/-
Govt./ Industry Participants	Rs. 8000/-

- Registration is purely on a first-come first-serve basis for 30 candidates.
- **Each participant will be given individual Laptop throughout the sessions for Hands-on.**
- Registrations can be done through Form <https://forms.gle/dvhyTZY5eSU1esWK9>
- For any queries Contact us @ [mail.crraoaimscs@gmail.com](mailto:mail.crraoaimscs@gmail.com)
- Last Date of Registration: **29<sup>th</sup> January 2025.**



## 31st January 2025- Friday

Time	Session	Details
09:30 AM - 10:00 AM	Registration	
10:00 AM - 10:15 AM	Inaugural	Introduction, agenda overview.
10:15 AM - 11:15 AM	<b>Session 1:</b> -Basis of LLMs -LLMs enhancing NLP -Various applications of LLMs <b>Speaker: CR Rao Team</b>	Exploring the core capabilities of LLMs in NLP, including text generation, sentiment analysis, and translation.
11:15 AM - 11:30 AM	<i>Tea Break</i>	
11:30 AM - 01:00 PM	<b>Session 2:</b> <i>Hands-on</i> Deeper insights into LLMs. Focus on Infrastructure for LLMs <b>Speaker: CR Rao Team</b>	More about the capabilities of LLMs The computing infrastructure for LLMs.
01:00 PM - 02:00 PM	<i>Lunch Break</i>	
02:00 PM - 03:30 PM	<b>Session 3: LLMs in Geo Spatial Sector with case studies and Demos</b> <b>Speaker: CR Rao Team</b>	Discussing the impact of LLMs for Geo Spatial sectors with focus on automated report generation and Geo Spatial AI bots with LLMs.
03:30 PM - 03:45 PM	<i>Tea Break</i>	
03:30 PM - 05:00 PM	<b>Session 4: GenAI Assistant for Crime Record Retrieval</b> <b>Speaker: Dr.Arish Pitchai, Senior Associate, PwC</b>	Exploring how LLMs can enhance the efficiency of intelligence gathering and analysis for security agencies.
05:00 PM - 05:30 PM	Closing Remarks and Q&A	Summary of key takeaways, open discussion, feedback and next steps.

### Venue

**C R Rao Advanced Institute of Mathematics, Statistics and Computer Science,  
University of Hyderabad Campus, Gachibowli, Hyderabad.**

For any Queries and Clarification Contact: [mail.crraoaimscs@gmail.com](mailto:mail.crraoaimscs@gmail.com)

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