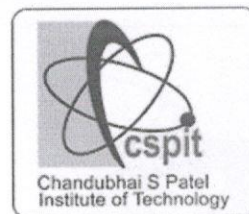




**CHARUSAT  
CSPIT**

*Smt. K.D. Patel Department of Information  
Technology  
A.Y. 2024-25*



## **A Report**

**on**

# **“Hands-on workshop on LLM's and RAG for industry use-cases”**

**Charotar University of Science and Technology (CHARUSAT)**

**Chandubhai S. Patel Institute of Technology**

**Smt. K. D. Patel Department of Information Technology**

**Data Science Club, CHARUSAT**

**21st September 2024 (Saturday)**

**09:30am to 4:00pm**





# CHARUSAT CSPIT

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Technology  
A.Y. 2024-25*



## Event Poster



**CHARUSAT**  
CHANDUBHAI S. PATEL  
INSTITUTE OF TECHNOLOGY




**DATA SCIENCE  
CLUB @CHARUSAT**



**KDPIT**  
K. D. PATEL  
INSTITUTE OF TECHNOLOGY

**Data Science Club @CHARUSAT**  
organizes

**HANDS - ON WORKSHOP ON  
LLMS AND RAG**  
FOR INDUSTRY USE - CASES



**21 SEPT, 2024**  
09:30 AM - 4:00PM  
PDPIAS Building  
Seminar Hall, CHARUSAT

### AMIT PARMAR

SR. DATA SCIENTIST  
NEOSOFT TECHNOLOGIES

#### Convener:

Dr. Parth Shah (HOD - IT)

#### Faculty Coordinators:

Hemant Yadav  
Jalpesh Vasa

REGISTER



#### Student Coordinators:

Rinkal Mav  
Vaidehi Ghodasara

 [datascienceclub.charusat.ac.in](https://datascienceclub.charusat.ac.in)

 [dasciclub@charusat.ac.in](mailto:dasciclub@charusat.ac.in)

 [datascienceclub.charusat](https://www.instagram.com/datascienceclub.charusat)

 [data-science-club-charusat](https://www.linkedin.com/company/data-science-club-charusat)

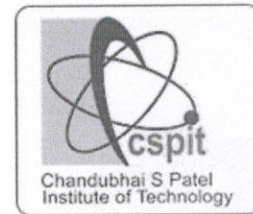






# CHARUSAT CSPIT

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## Event Invitation/Social Media Marketing



**Data Science Club @CHARUSAT**  
organizes  
**HANDS-ON WORKSHOP ON LLMs AND RAG**  
FOR INDUSTRY USE - CASES



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SR. DATA SCIENTIST  
NEOSFT TECHNOLOGIES

Convener:  
Dr. Parth Shah (HOD - IT)

Faculty Coordinators:  
Hemant Yadav  
Jalpenkh Vasa




**21 SEPT, 2024**  
09:30 AM - 4:00 PM  
POPIAS Building  
Seminar Hall, CHARUSAT

**REGISTER**

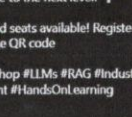
Student Coordinators:  
Vishal More  
Vaideshi Ghodasara

[datascienceclub.charusat.ac.in](https://datascienceclub.charusat.ac.in)  
[dasciclub@charusat.ac.in](https://dasciclub@charusat.ac.in)

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


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**Data Science Club Charusat • 1st**  
Club at CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY  
2w • Edited •

**Exciting Opportunity Alert**

We are thrilled to announce our upcoming University Level Hands-on Workshop on LLMs and RAG for Industry Use-Cases scheduled as follows:

**Date:** 21st September 2024  
**Time:** 9:30 AM - 4:00 PM  
**Venue:** 1st floor Seminar Hall, PDPIAS Building




This workshop is designed for AI/ML, Data enthusiasts eager to delve into the practical applications of Large Language Models and Retrieval-Augmented Generation. Expect interactive sessions, real-world industry use-cases, and a chance to enhance your technical skills with hands-on practice with industry versatile expert Amit Parmar sir.

**Why Attend?**


- Learn from Industry Experts: Gain insights from leaders in AI and Machine Learning.
- Hands-On Experience: Apply what you learn to real-world scenarios.
- Networking: Connect with peers and professionals in the field.

Spots are limited, so don't wait! Register via QR code and secure your place in this not-to-be-missed event or click on the link to fill out the form : <https://lnkd.in/dNRDbx5a>

**#AI #MachineLearning #LLMs #RAG #IndustryUseCases**  
**#ProfessionalDevelopment #Workshop #Networking**



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## CHARUSAT CSPIT

*Smt. K.D. Patel Department of Information  
Technology  
A.Y. 2024-25*



### **About The Event**

The Data Science Club at Smt. K. D. Patel Department of Information Technology, CSPIT, FTE, CHARUSAT is thrilled to announce a Hands-on Workshop on LLMs (Large Language Models) and RAG (Retrieval-Augmented Generation) for Industry Use-Cases, scheduled for 21st September 2024, from 10:00 AM to 4:00 PM at the 1st Floor Seminar Hall, PDPIAS Building. This workshop will be a unique opportunity for AI enthusiasts, data scientists, and professionals to gain practical experience and insights into the latest advancements in AI technologies.

The event will kick off with an introduction by the Content Writer of the Data Science Club, followed by expert-led sessions. Participants will delve deep into the practical applications of LLMs and RAG, exploring real-world industry use cases. The interactive format ensures that attendees not only gain theoretical knowledge but also hands-on experience with relevant tools and techniques.

### **Event Contents:**

- Overview of LLMs and RAG technologies
- Real-world industry applications
- Interactive hands-on sessions
- Group activities to foster collaboration
- Q&A session with experts

### **Event Outcome:**

- Enhanced understanding of LLMs and RAG
- Practical skills in implementing AI solutions
- Networking opportunities with industry professionals
- Exposure to real-world challenges and solutions
- Inspiration for future projects in AI and data science
- Insights into career paths in the AI field





# CHARUSAT CSPIT

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## Expert Profile Details:

# Amit Parmar

Data Scientist

### SUMMARY

A machine learning enthusiast learner and practitioner having more than five years of diverse experience as Data Scientist and ML Research Associate in corporate and in a university in analysing the data, enhancing existing models and refurbish the existing solutions to address the business problems. Well versed and eager to collaborate with teams of high performing professionals for developing solutions to the problems with ML frameworks for business growth.

### PROFESSIONAL EXPERIENCE (5+ Years)

#### **RapidOps Inc., Ahmedabad**

Duration: From OCT-2022

Role: Data Scientist

Work:

Recommendation System for Ecommerce, Image based search on Vector DB and Implementing the algos for recommending the product at various stages.

Designing and managed the data pipelines for the client project, loading data from the data sources to central database with all the ETL process and prepare data for visualization.

Worked on Face Detection & Recognition product for monitoring the human identity in real time for company employees through video processing.

#### **CHARUSAT University, Anand**

Duration: JULY-2014 to OCT-2022

Role: Research Associate cum Assistant Professor

Work:

As a member of Machine Learning Team, worked on machine learning and computer vision projects and conducted research in the ML and DL area.

Trained B.Tech and M.Tech students for the roles like Data Scientist, Data Analyst and Data Engineer.

Taught variety of subjects and conducted lab sessions and guided university students for their major projects. Subjects like Data Structures, Algorithms, Python & C Programming, Machine Learning, Operating System etc...

### CONTACT

amitparmar531@gmail.com

+91 9913040633

LinkedIn , GitHub

### EDUCATION

#### **Pursuing Ph.D.**

DECEMBER 2021

CHARUSAT

ANAND

#### **M. Tech (CSE)**

JUNE 2012 - JULY 2014

Nirma University

AHMEDABAD

#### **B. Tech (IT)**

AUGUST 2007 - DECEMBER 2011

AMIETE

NEW DELHI

### SKILLS

Data Preparation

Data Handling/Analyzing  
(Numpy, Pandas, Pyspark)

Data Visualization  
(Matplotlib, Seaborn,  
PowerBI)

Machine Learning

Deep Learning

Computer Vision, NLP

Scikit, TensorFlow, Pytorch

Python, C and C++, Fast API

Database (MS SQL, SSIS,  
SSMS)

Vector DB (Qdrant)

Version Controlling (GitHub)

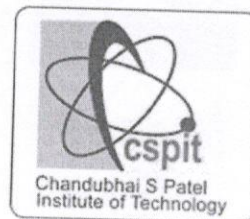
Docker, Kubernetes (use  
cases)





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## Event Photographs



Fig.1 Introduction of Speakers



Fig. 2 Group Photo of participants with Expert





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A.Y. 2024-25*

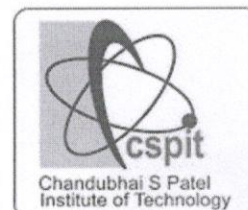


Fig. 3 Data Science Club members with Expert



Fig.4 Organizing team of Workshop

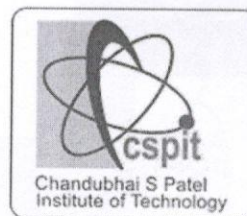






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## List of Participants

Total Number of Participant: - 73

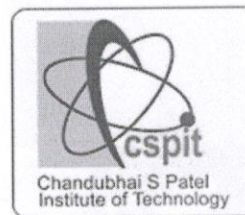
ID	Name
676	Jigar Sarda
21cs011	Vaidehi
22aiml003	Harsh Bhanushali
22AIML019	HARSH MAHESHWARI
22BCA272	Gauravi Saraiya
22BSIT003	Kyaw Soe Han
22BSIT005	Ye Yint Aung
22BSIT014	Kirtan Busha
22bsit018	Heet Dadhaniya
22BSIT042	Vatsal kamani
22BSIT054	Abhiruchi Modak
22BSIT090	MAHARSH PATEL
22bsit150	Krish Trambadiya
22CE004	Tanvi Balsara
22CE025	Prachi Desai
22ce031	Smit Gandhi
22CE044	Dhruvil Joshi
22ce053	Vedant Khanpara
22ce059	Diya maheshwari
22CE068	Manan Modi
22ce098	SHREY JITENDRAKUMAR PATEL
22CE127	Yashvi Thakkar
22CS016	Apurv Chudasama
22CS085	Param Thakkar
22cs088	Rohan Vaghela
22dce085	Patel Utsavi Hetukkumar
22DCE092	Yashvi Popat
22IT026	Harsh Dhandha





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22IT050	Tamanna Kalariya
22IT051	Jenil kalsariya
22IT060	Kiranbhai Baraiya
22it062	Aayush Kotak
22IT087	Vishruti Parekh
22IT091	Patel Bhumi Rakeshbhai
22IT098	Mansi Patel
22IT103	Nishit Patel
22IT113	Smitkumar Nileshkumar Patel
22IT144	DEV SONI
22IT154	Priya Vaghela
23AIML009	Krishna Chodvadiya
23BCA076	Hemangi Hindocha
23BCA420	Vyas Devgna
23ce140	Prince Vagadiya
23CS004	Zeel Barvaliya
23CS032	Dhairya Kanabar
23CS046	Kathan Ketankumar Modh
23DCE009	DEVANSHI BHALODIYA
23IT035	Jadeja Dhruvrajsinh Rajendrasinh
23mca029	Veenit Devani
23mca062	Dhrushi Kapadiya
23MCA088	Sujal Ramswaroop Mundada
23mca193	Parth Pruthviraj Solanki
24DCS013	KAVY DAVE
D23AIML063	Manav Soni
D23AIML069	Harsh Makadiya
D23CE168	Thesiya Lija
d23ce169	Charmy Ashvinbhai Rudani
D23CE189	Gotecha Apexa J.
D23DCS140	Jay N Mehta
D23DCS151	Keval Amitkumar Dhabalia
D23DCS152	Divya V Sonani



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D23DCS168	DHRUV JOSHI
D23IT159	Aksh Desai
D23IT168	Viken Hadavani
D23IT171	Pinal Vaghela
D24aiml085	Harsh Shah
D24CS110	Borkhatariya Meet Sanjaybhai
D24CS111	Gokani Vatsal
D24CS112	HARSHIL MISTRY
D24CS116	Jay Kishorbhai Rathod
D24cs118	GADHIYA DHARMIL
D24CS119	Harsh Atulbhai Dodiya

**HEAD OF DEPARTMENT**  
**smt. K. D. Patel Dept. of Information Technology**  
**Chandubhai S. Patel Institute of Technology**  
At. & Po. Changa, Ta. Pellad,  
Dist. Anand, Gujarat-388421.

