



PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF CSE (DATA SCIENCE)
DATA ANALYTICS CLUB

12-07-2025

A Report on the Data Analytics Club Activity

As part of the technical activities under the **Data Analytics Club** of the Department of CSE (Data Science), this event was conducted.

Name of the Event: Technical Seminar

Name of the Topic: Demystifying NCF : A path to Research Publication

Name of the Speaker: 1. M. Nikhila
2. R. Keerthi

Date of the Event: 12-06-2025

Time of the Event: 11:00AM TO 12:00PM

Venue of the Event: CF – 3 (TECH BLOCK)

A total of 65 students attended this event. All the students have actively participated in the event.

Brief write-up of the event:

As part of the Data Analytics Club activity held on Saturday, a session titled “**Demystifying NCF: A Path to Research Publication**” was organized. The event focused on **Neural Collaborative Filtering (NCF)** — a deep learning-based approach widely used in building recommendation systems. The speaker not only explained the **core concepts and architecture of NCF** but also shared valuable insights from their **personal research journey**, including the process of developing the model, handling datasets, refining results, and eventually publishing their work.

Participants gained a dual perspective — both **technical understanding of NCF** and a **real-world view of what it takes to write and publish a research paper**. The session served as a motivational and informative guide for students aspiring to contribute to academic research in the field of data science and machine learning.

HIGHLIGHTS AND KEY TAKEAWAYS:

- Introduced the concept and structure of the **A Path to Research Publication** and its relevance to student research.
- Explained the **path from classroom learning to research publication**, including topic selection, methodology, and writing structure.
- Encouraged students to view research as a **progressive learning journey** rather than an end goal.
- Shared resources and platforms where students can find **research opportunities**, call for papers, and journal submission guidelines.



PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF CSE (DATA SCIENCE)
DATA ANALYTICS CLUB

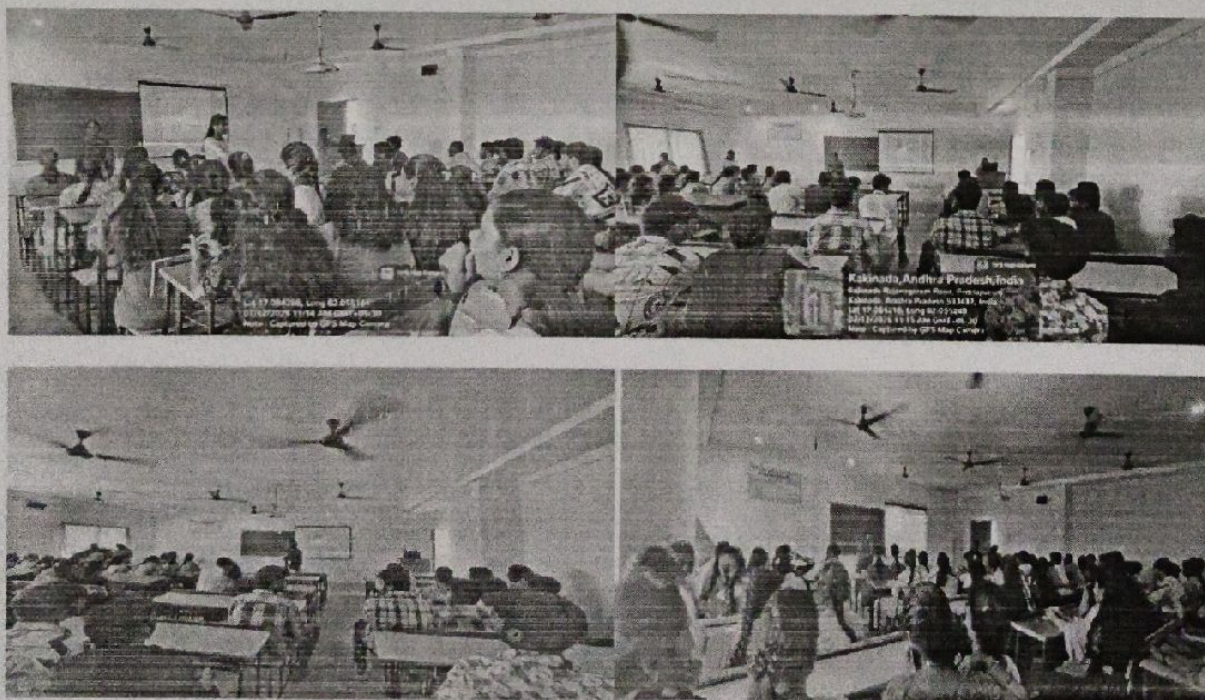
POST-EVENT FEEDBACK:

Participants found the session **highly informative and motivational**, especially those who were new to the concept of publishing research during their undergraduate studies. The practical guidance on structuring a research paper and the relevance of the NCF to career and academic progression were well appreciated. The session helped demystify research as something complex and distant, and instead positioned it as an **achievable and rewarding academic pursuit**.

Questions Raised by Students:

- What kind of research topics are suitable for beginners, especially in engineering and data science?
- How does the NCF credit system actually work for research-related contributions?
- Are there any free platforms or tools for students to publish or collaborate on research?
- How can we ensure the **originality and ethical standards** of our research work?
- What is the difference between **conference papers and journal publications**, and which one is better for students starting out?

PHOTOGRAPHS FROM THE EVENT:



HoD (Data Science)

