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To
The Editor,
Sir,

Date: 29.07.2025

I request that the following message may kindly be published in your esteemed daily:

**TNAU conducted interactive session titled
"Handling Big Data in Climate Change"**

An insightful one-hour interactive session titled "Handling Big Data in Climate Change" was conducted by Dr.Giri Prakash, ARM Data Centre Director and Research Staff, Environmental Sciences Division at the Oak Ridge National Laboratory, USA on 28th July 2025 at the Centre for Plant Molecular Biology & Biotechnology. A notable point about Dr Prakash is that he is an alumni of TNAU, Coimbatore where he completed his bachelor's and master's degrees. The event commenced with a warm welcome note by Dr.Senthil Natesan, Director, CPMB&B, followed by a brief introduction of the speaker by Dr.E.Kokiladevi, Professor & Head (DPB).

Dr. Prakash shared his expertise on leveraging big data technologies to address complex challenges in climate science. He emphasized the role of high-performance computing, data integration, and artificial intelligence in modelling climate patterns, predicting environmental impacts, and supporting policy decisions. The session highlighted the importance of interdisciplinary approaches in managing and interpreting vast climate datasets.

Participants actively engaged with the speaker, raising pertinent questions on climate change modelling, data accuracy, machine learning applications, and ethical considerations in AI-driven climate research. Dr. Prakash addressed these queries with clarity, fostering a deeper understanding of the subject. The beneficiaries of the session were the final and third year students of B. Tech Biotechnology and Bioinformatics.

The session concluded with a formal vote of thanks, acknowledging the speaker's valuable insights and the enthusiastic participation of attendees. The event served as a platform for knowledge exchange and inspired further exploration into data-driven climate solutions.

Public Relations Officer