

NTPC Launches Second Cohort of AI-ML Certification Programme in Collaboration with IIT Bombay

Posted On: 25 MAR 2026 5:37PM by PIB Mumbai

Mumbai, 25 March 2026

NTPC Western Region-I Headquarters Mumbai in association with the Indian Institute of Technology Bombay, has commenced the second batch (Cohort-II) of its Artificial Intelligence and Machine Learning (AI-ML) Certification Programme for employees. The training programme began on March 24, 2026, and was formally inaugurated today by Shri E. Satya Phani Kumar, Regional Executive Director (West-I) NTPC. The programme has a duration of five days.

The programme is led by the Department of Earth Sciences in collaboration with the Centre for Machine Intelligence and Data Science and the Department of Industrial Engineering and Operations Research at IIT Bombay. Building on the success of the first batch, Cohort-II comprises 30 participants from NTPC projects and stations across the country further strengthening the organisation's capability building efforts in emerging technologies.



The initiative is being spearheaded by Smt. Vandana Chaturvedi, Regional Head of Human Resources (West-I) with the objective of enhancing NTPC's competencies in Artificial Intelligence and Machine Learning particularly in their application within the energy and power sector. The programme is conducted under the academic guidance of Prof. Vikram Vishal, Prof. Satyam Priyadarshy, Prof. Biplab Banerjee, Prof. Pranay Sharma, Prof. Manjesh K. Hanawal, and Prof. Anand Singh.

The five day curriculum encompasses key areas such as data processing, supervised and unsupervised learning, predictive maintenance, time series forecasting, deep learning, and applications of generative AI in energy systems. It is designed to equip participants with practical, industry-relevant skills that can be directly applied to operational and strategic functions within the power sector.



Addressing the participants, Shri E. Satya Phani Kumar addressed the importance of adopting advanced technologies in the evolving energy landscape. He stated that as the power sector undergoes rapid digital transformation, building capabilities in AI and ML is essential for driving efficiency, innovation, and sustainability. He added that such initiatives not only enhance individual competencies but also strengthen NTPC's readiness to lead in a technology driven future.

Smt. Vandana Chaturvedi highlighted that the launch of Cohort-II reflects NTPC's continued commitment to future ready learning and development. She noted that strengthening AI and ML capabilities would play a crucial role in enhancing operational efficiency and supporting NTPC's transition towards a more sustainable and technology-driven future.

Prof. Vikram Vishal expressed appreciation for the ongoing collaboration with NTPC and reaffirmed IIT Bombay's commitment to delivering specialised, industry relevant learning modules. He emphasised the importance of bridging the gap between emerging technologies and their practical deployment in large-scale energy systems through such initiatives.

The launch of Cohort-II further reinforces the collaboration between NTPC and IIT Bombay and marks another significant step towards integrating advanced technologies into the power sector through structured employee learning and development.

* * *

PIB Mumbai | Sriyanka Chatterjee/Robin Singh/Darshana Rane

Follow us on social media: [@PIBMumbai](https://twitter.com/PIBMumbai) [/PIBMumbai](https://facebook.com/PIBMumbai) [/pibmumbai](https://instagram.com/pibmumbai) [pibmumbai\[at\]gmail\[dot\]com](mailto:pibmumbai[at]gmail[dot]com) [/PIBMumbai](https://youtube.com/PIBMumbai)
mbai [/pibmumbai](https://pibmumbai.com)

