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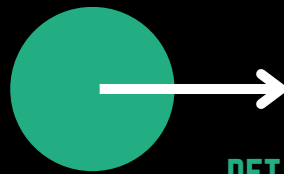
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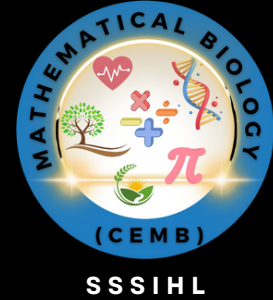
SPEAKER

Dr. Bishal Chhetri

TOPIC

Understanding Cancer Disease Using Mathematical and Machine Learning Models

DETAILS

15 November 2024

3 p.m. to 4 p.m. IST

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TOPIC

Understanding Cancer Disease Using Mathematical and Machine Learning Models

SPEAKER

Dr. Bishal Chhetri
Indian Institute of Technology, Kanpur, India

BIO

Dr. Bishal Chhetri is currently working as an institute postdoctoral fellow at the Department of Mathematics and Statistics, IIT Kanpur. Before joining IIT Kanpur, Dr. Bishal worked as a Research Scientist at Karkinos Healthcare private limited where he worked with the leading scientist and the oncologists in the field of early cancer detection. Dr. Bishal completed his bachelors, masters and Ph.D. from Sri Sathya Sai Institute of Higher Learning. During his Ph.D., he worked on within-host, between-host and multi-scale dynamics of COVID-19 and optimal control problems. Dr. Bishal expertise is in the areas of disease modeling, mathematical oncology, and nonlinear dynamics. His current research focuses on developing stochastic mathematical models to gain insights into cancer progression and building machine learning and deep learning models for the early detection and classification of cancer. Dr. Bishal's research and findings have been published in prestigious journals. He actively shares his knowledge through talks and presentations at workshop and conferences.

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