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Departmental Seminar

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Seminar Title	: Deep Bioinformatics Boot Camp – Season 2
Speaker	: Sushree Lipsa Lopamudra Dwibedy (Roll No: 521ls1007)
Supervisor	: Santosh Kumar #2787
Venue	: LS Seminar Hall
Date and Time	: 17 Mar 2025 (17:00)
Abstract	: The workshop, entitled “DEEP BIOINFORMATICS BOOT CAMP – SEASON2”, was organised by The Himalayan Centre for High-throughput Computational Biology (HiCHiCoB), a BIC of DBT, Govt. of India; CSIR-Institute of Himalayan Bioresource Technology, Palampur, H.P., India. The workshop was themed on “Transcription regulation”, and held from 18th to 21st February, 2025. I gained invaluable hands-on experience on transcriptional gene regulation analysis. The intensive 4 day workshop featuring expert talks and practical sessions provided a detailed overview of cutting edge bioinformatics tools and techniques. I learnt fundamentals of R and Python programming, NGS data analysis, Hi-C sequencing data analysis, WGCNA coexpression analysis and various other tools and techniques related to transcriptional regulation analysis.