Peer Teaching Sessions organized by Dept. of Physics

on 09.07.2026

A Peer Teaching session have been organized by the Dept. of Physics for Sem IV Physics Major students according on 9th July, 2026 from 11:30 a.m. to 1:30 p.m.

Five students of Sem IV Major have enthusiastically participated in this endeavor. The peer teaching session successfully leveraged the traditional chalk-and-talk method to demystify complex mathematical and physical concepts. By utilizing the blackboard, the student-teacher provided a step-by-step visual breakdown of matrices, Legendre polynomials, and curvilinear coordinates. This deliberate pace allowed peers to internalize the structural properties of matrices and the orthogonal nature of Legendre polynomials in real-time, bridging the gap between abstract theory and practical calculation.

The interactive nature of the session became especially evident during the derivation of curvilinear coordinates. Writing out scale factors and coordinate transformations by hand encouraged active engagement, allowing participants to halt the lecture for immediate clarifications. This peer-to-led dynamic transformed a dense mathematical physics review into an open, collaborative dialogue. Ultimately, the tactile clarity of the chalkboard combined with peer-level explanations proved highly effective for mastering these core advanced topics.



Peer-Teaching Session in progress