



SWAMI DHARMBANDHU COLLEGE OF EDUCATION

(B.Ed. & D.Ed.)

(Recognised by: ERC-NCTE & Affiliated to Vinoba Bhave University, Hazaribag and JAC, Ranchi)
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LECTURE SERIES

ON

“Artificial Intelligence in Education: Enhancing Teaching and Educational Innovations”

Report of the day

Date :- 11.12.2025 (Thursday)

On the fourth day of the on-going Lecture Series, Dr. Ajit Kumar Singh, Principal K.N. Bakshi college of Education Bengabad, Giridih Jharkhand who was invited to deliver an insightful lecture on the topic **“Use of Artificial Intelligence for personalized and Adaptive learning.”**

The resource person began the lecture by explaining the concept of personalized learning, where AI systems analyse students' performance, interests, and learning pace to create individualized learning pathways. Practical examples such as adaptive learning platforms, intelligent tutoring systems, and data-driven feedback mechanisms were discussed. These tools help teachers identify learning gaps, provide instant support, and modify teaching strategies according to needs of each student's progress.

The lecture also emphasized how AI supports adaptive assessments that adjust the difficulty level based on student responses. This ensures a more accurate understanding of pupils' strengths and areas for improvement. The resource person concluded by encouraging future teachers to embrace AI as a companion tool that enhances, rather than replaces, human instruction.

Overall, the fourth day of the lecture series was insightful and highly informative. It strengthened the participants' understanding of how Artificial Intelligence can significantly improve the quality of teaching and learning through personalization and adaptability.



Lighting the lamp with invited Resource Person and Faculty members of college

*Sarika
11/12/2025
Principal*

Swami Dharmabandhu College of Education
Harhad, Mukundganj, Hazaribag