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Authors: [Mahto, Varun Kumar \(/browse?type=author&value=Mahto%2C+Varun+Kumar\)](/browse?type=author&value=Mahto%2C+Varun+Kumar)

Advisor: [Pandey, A. K. \(/browse?type=author&value=Pandey%2C+A.+K.\)](/browse?type=author&value=Pandey%2C+A.+K.)

Title: STUDY ON INDIGENOUS TECHNICAL KNOWLEDGE (ITK) IN ANIMAL HUSBANDRY AMONG LIVESTOCK OWNERS OF JHARKHAND

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**Abstract:** This study was carried out to study on indigenous technical knowledge (ITK) in animal husbandry among livestock owners of Jharkhand. The study was carried out in five districts viz., Ranchi, Dhanbad, Latehar, West singhbhum and Jamtara of all five divisions of Jharkhand. In total 300 respondents were interviewed to collect and information on most commonly used ITKs for various animal husbandry practices. The collection, documentation and dissemination pattern showed the richness of the time tested indigenous knowledge applied to animal husbandry in the region specified under this study. The awareness and adoption varied widely from ITK to ITK. The finding revealed that 10 to 78 percent of livestock owners were aware of ITKs and 2 to 70 percent had adopted ITK"s in their animals. All the twenty two ITKs were subjected to the validation test and were found to be valid and effective in the treatment of the different ailments. However, all these ITKs were comparatively less effective than the MSTs. Still they have high value for the livestock owners in the remote villages and particularly for low income farmers as these are easily available and involve less cost in comparison to medicine of MSTs. It was revealed from the major findings of this investigation that all the ITKs were found valid and effective as per the observations made by the livestock owners, it need to be validated scientifically and experimentally along with the identification and isolation of active ingredients present in the material used under ITKs. Such studies will provide scientific rationality for use of ITKs in future. Since, the ITKs seem to be cheaper, locally and easily available in remote areas and have lesser side effects; the use of these ITKs may be encouraged.

**Description:** STUDY ON INDIGENOUS TECHNICAL KNOWLEDGE (ITK) IN ANIMAL HUSBANDRY AMONG LIVESTOCK OWNERS OF JHARKHAND

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