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1. **Project Title** : Development of a robust Machine Learning tool to support quick Malaria detection and parasite stage identification for reducing malaria burden
2. **Principal Investigator**: Dr. Akriti NigamI
3. **Funding Agency**- Indian Council of Medical Research (ICMR)
4. **Fund Amount**- Total Amount 72, 61, 158.00
5. **Project Start Date**: 1st February 2025
6. **Project Duration** :36 months
7. **Abstract**: The rural and tribal regions of India, where Malaria prevalence is highest, face formidable obstacles due to deficient healthcare infrastructure and laboratory resources. Consequently, accurate Malaria diagnosis becomes challenging, exacerbating the burden of the disease. While microscopic examination remains the gold standard for Malaria confirmation, its reliance on skilled personnel for parasite identification poses challenges in resource-limited settings. Novelty of our research endeavors to innovate by harnessing field images captured in challenging field environments across diverse settings to develop an automated detection methodology for Malaria, from blood smear images.