

**Centre 3: ODISHA UNIVERSITY OF AGRICULTURE AND
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being handled at present

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Manpower

Objectives:

- 1) **Assessment and capability enhancement**

- i) Assessment and capability enhancement for collection and diagnosis of *B. anthracis* in livestock and wild animal species
- 2) **Fit-for-purpose diagnostics/surveillance tools**
 - i) Evaluation of fit-for-purpose diagnostic tools for diseases diagnosis and also surveillance system on environment in areas of close proximity to wildlife species.
- 3) **Surveillance, epidemiology and risk communication**
 - i) Surveillance of *B. anthracis* in wildlife species, including thorough targeted sampling of environmental samples and suspected cases in wildlife in high-risk areas.
- 4) **Prevention and outbreak response/intervention**
 - i) Evaluation of the edible vaccine developed by LUVAS and IAH&VB for target wildlife species or relevant animal models under controlled conditions

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Role in A-INP Network:

- (1) Assessment and capability enhancement for collection and diagnosis of *B. anthracis* in livestock and wild animal species;
- (2) Evaluation of genomics-based diagnostic tools for surveillance and detection of *B. anthracis* in livestock and wild animal species;
- (3) Evaluation of genomics-based diagnostic tools for surveillance and detection of *B. anthracis* in the environment in areas of close proximity to wildlife species;
- (4) Surveillance of *B. anthracis* in wildlife specific, including through targeted sampling of environmental samples and suspected cases in wildlife in high-risk areas;
- (5) Development and implementation of strategies for community education and risk communication for key stakeholders;
- (6) Evaluation of the edible vaccine developed by JNU, LUVAS and IAH&VB for target wildlife species or relevant animal models under controlled condition