



# Evidence(s) THE-Impact Ranking



HEI: **TRIDENT ACADEMY OF TECHNOLOGY**

COUNTRY: INDIA

WEBSITE: <https://tat.ac.in/activities/>

## 15.3.2 MONITORING IUCN AND OTHER CONSERVATION SPECIES (POLICIES)

### 15.3.2 MONITORING IUCN AND OTHER CONSERVATION SPECIES (POLICIES)

**TRIDENT ACADEMY OF TECHNOLOGY**

Ref: TAT/TP/2024/212

Name of the policy	Sustainable Policy	Department responsible	All
Department	All	Prepared by	Satya Sundar Mishra
Effective date	26-4-2021	Checked by	Dr.A.Baral
No. of pages	1	Approved by	Principal

**1. Purpose:**  
The infrastructure of Trident Academy of Technology like several buildings via academic, administrative and hostel have been built in the quarter utilizing the laterite blocks to minimize the impact on the environment and maintain the integrity of the ecosystem. The campus is now a restored ecosystem with various native plant species (seasonal grass species, annual shrubs (flowering to medicinal) and perennial tree species (fruit bearing, timber, ornamental and economic species).

**2. Responsibility Centre:** Principal

**3. Procedure:**  
Institute has considered following policy guidelines to restore the land area in the background of sustainability.

- Assisted regeneration of all species planted shall be native to the region with no exotic species. The inclusion of exotic species shall be considered on the basis of functional traits not affecting the native species community structure. The species considered for planting shall include seasonal, annual and perennial species, which can be grasses, shrubs and trees species.
- Habitats of native animals and bird shall be considered while restoring the land area to ensure that their food web is protected.
- Students' community shall be engaged in planting, conservation and education on restoration of ecology and sustainability principles.
- Shall increase and improve the diversity of functional species without disturbing the biodiversity hotspots of native species. Likewise, economic species and medicinal plant species shall be included for economic benefits to enhance the natural resource management.

Principal  
Trident Academy of Technology  
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**Plate 1-** The TAT Sustainable Policy is stands for Habitats of native animals and bird shall be considered while restoring the land area to ensure that their food web is protected.



**Plate 2-** Conclave and seminars on Species

**Plate 1-** Trident Academy of Technology prioritizes sustainable infrastructure by using laterite blocks to minimize environmental impact and restore campus ecosystems. Native plants, including grasses, shrubs, and trees, support biodiversity and local wildlife. Engaging students in conservation, the policy enhances ecosystem health by fostering functional diversity with economic and medicinal species.

<https://tat.ac.in/wp-content/uploads/2024/11/sustainable-policy.pdf>



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**Plate 2-** Trident Academy of Technology emphasizes conservation through sustainable infrastructure and habitat restoration, incorporating laterite blocks and native plants to minimize environmental impact. This approach supports campus biodiversity, attracting around 10 bird species, small mammals, and various plants. By engaging students in hands-on conservation efforts, the institution fosters ecosystem health, blending functional diversity with economically valuable and medicinal species. Different seminars and conclave are held to engage students to enhance their knowledge.

#### **Description -**

Trident Academy of Technology actively supports biodiversity conservation by aligning with **IUCN** and other environmental protection policies. The institution encourages students and faculty to participate in awareness programs, field studies, and research on conserving threatened and endemic species. Through collaborations, seminars, and sustainability initiatives, Trident promotes ecological preservation, responsible land use, and the protection of natural habitats, reflecting its commitment to global biodiversity goals and sustainable development.