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ADICHUNCHANAGIRI
UNIVERSITY

Snakes, Butterflies, and Sustainable Development
A Slithering Connection



*"Live like a Butterfly...
take the best without destroying or hurting
anybody but giving pleasure to everyone"*



Paramapoojya Jagadguru Padmabhushana Puraskrutha
Sri Sri Dr. Balagangadharanatha Mahaswamiji
71st Pontiff, Sri Adichunchanagiri Mahasamsthana Math



*"There may be limitations in everything
around us, but not in serving the Society"*

His Holiness Jagadguru

Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji

72nd Pontiff, Sri Adichunchanagiri Mahasamsthana Math
Honorable Chancellor, Adichunchanagiri University



Adichunchanagiri University, located in Javarannahalli, Karnataka, has undertaken a critical survey of snakes and butterflies on campus. **The team, comprising Harish N, Dr. Ashwatha K N, Sunil Reddy, and Puttegowda S V, documented their findings, with valuable butterfly & snakes photograph contributions by Dr. Usha Rao.** This initiative not only sheds light on the university's biodiversity but also strengthens its commitment to the UN's Sustainable Development Goals (SDGs).

The survey identified a variety of butterfly species, including:

- Common Mormon (Papilio Polytes)
- Common Grass Yellow (Eurema Hecabe)
- Common Castor (Ariadne Merione)
- Plains Cupid (Luthrodes Pandava)

The presence of these butterflies indicates a healthy environment, as they play a vital role in the ecosystem as pollinators. Their populations can be negatively affected by habitat loss and pesticide use.

The researchers also documented the presence of several snake species on campus, including:

- Common Bronzeback Tree Snake
- Saw-Scaled Viper
- Green Vine Snake
- Common Krait
- Russell's Viper
- Indian Rat Snake



Snakes are often misunderstood and feared, but they play a crucial role in maintaining a balanced ecosystem by controlling rodent populations. The Adichunchanagiri University survey helps to promote awareness about these beneficial reptiles.

The survey of Butterflies & Snakes aligns with several Sustainable Development Goals:

- **SDG 15: Life on Land:** By documenting the reptile and butterfly species on campus, the university is gaining valuable insights into maintaining healthy ecosystems.
- **SDG 14: Life Below Water:** Butterflies play a crucial role as pollinators, ensuring the health of plant communities. This, in turn, impacts freshwater and marine ecosystems, highlighting the interconnectedness of our planet's biodiversity
- **SDG 4: Quality Education:** The survey itself serves as an educational tool, raising awareness about the importance of these creatures and their role in the environment. This knowledge can be imparted to students, staff, and the surrounding community

Adichunchanagiri University's initiative sets a commendable example for educational institutions across the country. By prioritizing biodiversity conservation, the university demonstrates its commitment to environmental stewardship. The documented species serve as valuable data for further ecological research and can guide the university's future development plans that are sustainable and respectful of the surrounding ecosystem. This survey is a significant step towards a more sustainable future for Adichunchanagiri University. By understanding and appreciating the biodiversity it harbors, the university can continue to contribute to a healthier planet, one butterfly wing beat and slithering snake at a time.

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Common Mormon
Papilio Polytes

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Common Grass Yellow
Eurema Hecabe



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Common Castor
Ariadne Merione



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Common Bronzeback Tree Snake

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Saw-Scaled Viper

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Green Vine Snake

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Common Krait

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Russell's Viper

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Indian Rat Snake

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Photo Courtesy: Dr. Usha Rao

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