Zoology

A nature's way to inclusive growth

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Animal Husbandry

- ◆ India is 1st in Milk production, 3rd in egg and sheep production and 6th in poultry meat.
- ◆ Revenue generated by export Rs. 2540886 Lakhs (2010-11).
- ◆ 1.6 Million People are employed.

Sericulture

- ◆ Rs. 30000/Acre per annum plus additional income of Rs. 17422/Acre by inter-cropping.
- ◆ 7.56 million People are employed.

Emu farming

- ◆ Per bird income Approx.: 40000/ year .
- ◆ Meat: 98% fat free. cost 300-450 Rs./Kg.
- ◆ Feathers: 200 Rs./ Bird.
- ◆ Skin (leather): 12000 Rs./ Bird.
- ◆ Bird oil: 24000 Rs./ Bird.

Zoological
learning
and research

Leads to improvement
in education and
National skill
development

Development of
skill at local and
National level

Contributes in
social and general
health improvement

Develops
self-sustainable
socio-economic
status

Contribute in
production and
export capacity
of Nation

Generates
sustainable
employment
for all

Engage whole
family by imparting
skills

Provides employment
for whole village resulting
into development of
clusters and allied small
scale industries.

Inculcates nature
awareness from
root level of society

Inclusive growth

Vermiculture

- ◆ 6000 Rs. per month per Acre as supporting income with agriculture.
- ◆ Rs. 30 Lakhs per year per Acre as small-scale project.
- ◆ Many people are employed at subsidiary level.
- ◆ Contribute in poison free agricultural products.

Aquaculture

- ◆ Annual fish production is 9.6 Million Tones, contributing 3.51 Billion US\$ through export.
- ◆ 14.5 million People are employed.

Lac Culture

- ◆ Major producer and exporter of lac with estimated annual yield of Approx. 20000 MT.
- ◆ India contribute 60 % in world lac trade.
- ◆ Income 7000-24000 Rs. per family per year.

Bee farming

- ◆ Generates revenue: 250 Cr.
- ◆ Honey Production: 20000MT.
- ◆ Crop yield increases 5-10 times.
- ◆ 2.5Lakh people are employed.

Future prospects

Biogas

India can produce 17000 MWatt of power using Biogas, which may share 10% of Electricity supply.

Forensic Science

As animal detective for animal welfare and conservation societies.

Spider silk culture

Outstanding mechanical and structural properties, has potential to replace synthetic fiber

Bio-control Insect Rearing

It reduces pesticide consumption, improves yield quality and promotes organic farming. Rearing these can help rearer to fetch Rs. 4000/Acre by *Trichogramma* wasp and Rs. 320/Acre by Ladybug. There are 20 such insects which can be reared and sold.

Butterfly Farming

Decoration, Research, Education can fetch approx 15000 US\$