



The Animal Husbandry Department is establishing vaccine & semen production units and fodder bank at IGCARL. Rain water harvesting structures and summer storage tank are being provided to ensure surface water.

Present Activities under PPP

The International Media and Cultures (IMAC) of USA, M/s Dodla Dairy of South India and IGCARL formed a Joint Venture Company by name Global VetMed Concepts (GVC) India Pvt. Ltd and it has taken over a part of the laboratory space & land and established a modern dairy farm with 200 HF animals and feed plant at IGCARL to initiate R&D in Dairy and fodder. It has established latest design of housing for the animals with automatic cleaning, climate control, herring bone milking parlour with 12 milking machines and bulk cooler. It is using TMR mixer-wagon for feeding total mixed ration (TMR) to the cows. They have established a nutrition laboratory for feed analysis and a microbiology laboratory with clean room facilities for making cultures.



IGCARL has been established in huge premises of 650 acres of land. The built-up area is over 750,000 sq.ft, including the lab space facility over 150,000 sq.ft. The Government of Andhra Pradesh has spent about Rs. 3000 million for the project so far. It is fully residential, having all amenities like primary school, hospital, shopping complex, Auditorium, community hall and recreational facilities. It is located just on the outskirts of Pulivendula town. 24 hours power and water supply is ensured along with ETP &STP.

For further details, please contact:

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**INDIRA GANDHI CENTRE FOR
ADVANCED RESEARCH ON LIVESTOCK (IGCARL)**
(An undertaking of Government of Andhra Pradesh)

Invitation

**Research & Development on Livestock
Under Public Private Partnership**



Government of Andhra Pradesh invites Private companies/ National and International institutions/ organizations to take up R&D in Livestock Health, Livestock Production and Processing of Livestock Products on Public Private Partnership (PPP) and Joint Venture (JV) mode at IGCARL Pvt Ltd.,

IGCARL .., Indira Gandhi Centre for Advanced Research on Livestock Pvt. Ltd., a unique model, located near Pulivendula town in Kadapa District of Andhra Pradesh, India has been established for the first time in the country by Government of Andhra Pradesh, as a world class Institute under PPP mode. High standards infrastructure and lab. facilities as per cGMP specifications have been created at Government cost and these facilities will be leased out to Private companies at nominal rates for R&D in livestock related activities.

IGCARL Pulivendula is about 200 km from Bangalore International Airport and 170 km from world-famous pilgrim town of Tirupati, where there is an International Airport and also good connectivity with two/four lane roads to reach the destination by Road. It is connected to Muddanur 40 km away by train.

Location Map



Partnership is invited in the fields of

- 1) **Biotechnology & Nanobiology** : Vaccine production, Diagnostic kits, Stem cell research etc.
- 2) **Molecular & Cytogenetics**: DNA finger printing, Transgenic animals, Germplasm etc.
- 3) **Reproduction & Cryobiology**: Sexing of semen and embryos, Cloning, etc.
- 4) **Microbiology & Immunology**: Culture development, Production of SPF eggs etc.
- 5) **Animal Nutrition**: Genetic engineering of rumen microbes, Methane gas reduction, Enzymes etc.
- 6) **Entrepreneurship Development & Promotion** : Training, Transfer of Technologies, Extension approaches etc.
- 7) **Other advanced fields in livestock research like Quality Control and Bioinformatics.**

Facilities available

(1). Laboratories (6 each of 8826 sft):

1. Molecular and cyto-genetics
2. Reproduction and cryobiology
3. Biotechnology and nano-biology
4. Microbiology and immunology
5. Animal nutrition
6. Quality control

(2). Centers..... (4 each of 11470 sft)

1. Central instrumentation Laboratory
2. Bioinformatics and Information technology centre
3. Library and information centre
4. Training and extension centre



Laboratory space will be leased out @ Re.1/- per Sq. ft. per annum and residential areas will be rented out at Government rates to the PPP/JV partners

The details about IGCARL may also be seen at its web site <http://igcarl.ap.nic.in>.

(3). Biosafety laboratories

(2 each of 5113 sft):

1. BSL - 3 laboratory
2. ABSL - 3 laboratory

(4). Livestock Complex:

1. Cattle houses (2 with 9860 sft each)
2. Poultry house (10,188 sft)
3. Feed plant shed (8880 sft)
4. Embryo collection centre (5113 sft)
5. Laboratory animal house (18030 sft)
6. Veterinary hospital (12572 sft)

(5). Residential facilities:

1. Quarters for Director (Chief Executive Officer)
2. Principal Scientists' quarters.. 24
3. Senior Scientists' quarters.. 24
4. Scientists' quarters... 24
5. Officers and staff quarters... 84
6. Farmers' hostel... 40 rooms
7. International hostel... 20 families
8. Research scholars' hostel... 12 families

(6). Open land

Open land of about 400 acres available for fodder production and other associated activities will be leased out @ Rs.1000/- per acre per annum to the PPP partners.

(7). Other facilities:

- ✦ Auditorium (670 seat capacity)
- ✦ Seminar halls (2 each of 140 seat capacity)
- ✦ Guest house (26 two-bed rooms)
- ✦ Canteen (3 blocks each of 50 persons capacity)
- ✦ Health centre (50-bed hospital)
- ✦ Shopping complex (8687 sft)
- ✦ Community centre (8687 sft)
- ✦ Transport wing (10,118 sft)
- ✦ Agricultural implements shed (9375 sft)
- ✦ School (3 classrooms each of 40 students capacity)

