OFFICE OF DIRECTOR RESEARCH - IPR CELL

U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya
Evam-Go Anusandhan Sansthan (DUVASU), Mathura - 281001 (UP)

Lt. No. 50/IPR/2026 Dt: 29/9/26

Invitation for Expression of Interest (EoI) for Non-Exclusive Purchase of Technologies

Applications are invited from interested buyers for the non-exclusive purchase of Technologies (002,003,004,005,006 & 007/N-ECT/IPR/DUVASU/2026). Interested parties are requested to submit their Expression of Interest (EoI) along with their proposed financial offer for the technology in a sealed envelope. The sealed proposals must reach the undersigned within 15 days from the date of publication of this notice. The envelopes will be opened by the Committee constituted for this purpose. The recommendations of the Committee shall be placed before the Competent Authority for final approval.

The date, time, and venue for the opening of the sealed offers and subsequent negotiations (if required) will be communicated separately to all participating buyers.

Constituted committee has the right to cancel the buyer proposal due to the un suitable proposed value or another reasons

The sealed envelope should be superscribed with "Expression of Interest for Non-Exclusive Purchase of Technology (Eg: 001/N-ECT/IPR/DUVASU/2026)" and sent by Registered Post/Speed Post only to the following address:

Chairman, IPR Cell
Office of the Director Research
U. P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU)
Mathura, Uttar Pradesh – 281001

Technologies for commercialisation (Non-Exclusive only)

002/N-ECT/IPR/DUVASU/2026

Name of the Technology:

Essential Oil Based Formulation for Control of *Rhipicephalus microplus* tick.

Technical Description:

Tick infestation is a major constraint to dairy and livestock production, causing huge economic losses in term of blood sucking, reducing milk yield, poor weight gain, hide damage, and transmission of tick bone diseases. The excessive use of synthetic acaricides has resulted in widespread acaricides resistance, chemical residues in animal product and environmental contamination. This developed technology is a safe, effective and eco-friendly for tick control.

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003/N-ECT/IPR/DUVASU/2026

Name of the Technology:

OptiFeed (Smart Group Feeder for Goats with Feed Separation and residual feed recovery system).

Technical Description:

the purpose was to minimize the human resource involvement in goat feeing maintain under intensive feeding system. Also to reduce the peak order among goats in herd and minimize the feed wastage.

004/N-ECT/IPR/DUVASU/2026

Name of the Technology:

FeedSense Feeder (Goat Feeder)

Technical Description:

Feed wastage during individual feeding and the lack of accurate feed intake monitoring are major challenges in breeding buck management. Breeding bucks and goats needs to be maintained in individual pens for semen production and buck mother requires precise nutritional management to sustain reproductive health and semen quality. However, conventional feeding system results in considerable feed wastage and do not allow accurate measurement of individual feed consumption, making it difficult to optimize nutrient intake and maintain desired body condition. The FeedSense Feeder – Individual Goat Feeder is an innovative precision-feeding solution designed to enable individualized feed management in goats, ensuring accurate feed delivery while minimizing wastage. By facilitating controlled and efficient feeding, the system helps optimize nutrient utilization, improve production performance, and enhance the overall productivity and profitability of goat farming.

005/N-ECT/IPR/DUVASU/2026

Name of the Technology:

NutriKid Station (Multi - kid Bottle Feeding System).

Technical Description:

Conventional bottle feeding of goat kids is a labour intensive and time consuming, requiring induvial feeding of each kid. Existing systems do not support simultaneous feeding or age and body weight-based milk allocation, resulting in uneven milk intake, inconstant growth, and higher labour cost. The developed technology will enable simultaneous feeding with precision milk allocation, improving labour efficiency, kid growth, and overall farm management.

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006/N-ECT/IPR/DUVASU/2026

Name of the Technology:

CAPRINUTRAX (Milk Based Formulation for Goat kids)

Technical Description:

Got kids may receive inadequate milk when dams have low milk yield, multiple births, or when early weaning is practiced. This can limit nutrient intake, growth and survival. Commercial goat milk replacers are often costly, formulation specific and less accessible to small holders. A developed technology is locally prepared, low-cost goat milk-based formulation to provide an alternative milk source using readily available ingredients to maintain goat kid health and reduce mortality due to negative energy balance in early neonatal life.

007/N-ECT/IPR/DUVASU/2026

Name of the Technology:

Capri Green (Farm Water Based Vermicompost)

Technical Description:

Goat farming generates substantial quantities of feed residue and dung which is traditionally disposed of or used for preparation of farmyard manure. However, the relatively small quantities of manure produced by individual goat farms has limited commercial value, resulting in poor economic returns to farmers. Consequently, goat dung, despite its potential as valuable bioresource, remains largely underutilized, representing a missed opportunity for converting farm waste into high value products that could enhance farm profitability and promote sustainable live stock. The technology offers an innovative and sustainable approach for converting goat farm waste into a high-value vermicompost, thereby transforming waste into a productive resource. This not only promotes efficient waste management and environmental sustainability but also creates an additional source of income by generating a marketable value-added product, enhancing the overall economic returns from goat farming.

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