

**5 day Course Module for
Training Module for Goat Management
For Farmers/ LEO (associated with Goat Husbandry)**

<i>Days</i>	<i>Activity</i>	<i>Components</i>
Day-1	Farm visit	Prospect of Goat Husbandry, Farm Visit and Various activities at farm
Day-2	Breeds of Goat/ Nutrition of Goats	Identification of different goat Breeds, Identification of milk and meat purpose breeds, Selection of animal Nutrition of Goat- lactating & pregnant Nutrition of Breeding Bucks
Day-3	Management of Goat	Housing management Kid management and Feeding management of Goats etc.
Day-4	Vaccination/ First aid / Gynecological management	Vaccination Schedule Management of Vaccine, Vaccination, First aid, Estrous detection and preliminary problems associated with goats.
Day-5	Assisted reproductive techniques/ subsidiary income source/ Market opportunities	AI in Goats, Dung management, Dung compose and vermin-compose- preparation and packaging. Marketing of Goats

**3 day Course Module for
Training Module for Pashu-Sakhi& Women Farmers**

<i>Days</i>	<i>Activity</i>	<i>Components</i>
Day-1	Farm visit, Breeds of Goat	Prospect of Goat Husbandry, Farm Visit and Various activities at farm, Breed Identification and selection.
Day-2	Nutrition and Management of Goat	Nutrition of Goat and Buck- lactating & pregnant Nutrition of Bucks Housing management Kid management.
Day-3	Vaccination/ First aid/ subsidiary income source	Vaccination Schedule Management of Vaccine, Vaccination, First aid, Dung management Milk marketing and entrepreneurial activity.

**3 day Course Module for
Training Module for AI workers**

<i>Days</i>	<i>Activity</i>	<i>Components</i>
Day-1	Farm visit, Breeds of Goat	Prospect of Goat Husbandry, Farm Visit and Various activities at farm, Breed Identification and selection.
Day-2	Semen evaluation and Thawing protocol	Handling of microscope, Post thaw semen motility, viability and abnormalities. Handling of frozen semen doses for insemination.
Day-3	Artificial Insemination in goat	AI gun, Handling of Speculum, Ai in specimen and Live animal

**6 day Course Module
Training module for Artificial Insemination in Goats
(Veterinary Officers)**

<i>Days</i>	<i>Activity</i>	<i>Components</i>
Day-1	Farm visit/ Physiology of Male reproduction Heat detection in goats	Prospect of Goat Husbandry, Farm Visit and Various activities at farm, Peculiarities of Male & Female reproductive system in Goats
Day-2	Breeds of Goat/ Nutrition of Goats	Identification of different goat Breeds, Identification of milk and meat purpose breeds- Selection of animal-udder, body confirmation Nutrition of Goat- lactating & pregnant Nutrition of Breeding Bucks
Day-3	Assessment of semen Quality	Assessment of semen quality, Post thaw semen motility, viability and abnormalities. Semen collection, diluter preparation etc.
Day-4	Diseases associate with goats	Major diseases Ultrasonography, Dystocia Surgical intervention- Urine retention X-ray
Day-5	AI in Goat	Artificial Insemination in goat- hands on training Handling of frozen semen doses for insemination. AI in specimen
Day 6	Assisted reproductive techniques	AI in Goats, Estrous synchronization, Ultrasonography Quarries of participants

**6 day Course Module for
Training Module for Goat Management
(Veterinary Officers)**

<i>Days</i>	<i>Activity</i>	<i>Components</i>
Day-1	Farm visit/ Physiology of Male reproduction Heat detection in goats	Prospect of Goat Husbandry, Farm Visit and Various activities at farm, Peculiarities of Male & Female in Goats and goat farming system
Day-2	Breeds of Goat/ Nutrition of Goats	Identification of different goat Breeds, Identification of milk and meat purpose breeds- Selection of animal- udder, body confirmation Nutrition of Goat- lactating & pregnant Nutrition of Breeding Bucks
Day-3	Management of Goat Milk and Milk products	Housing management- Goat and Buck Kid management, Feeding of Goats, Vaccination Utilization of Goat milk – Value addition
Day-4	Diseases associated with reproductive system. Gynecological & surgical advances	Major diseases Ultrasonography, Dystocia Surgical intervention- Urine retention X-ray etc.
Day-5	Assisted reproductive techniques	Artificial Insemination in goat Oestrous synchronization
Day 6	Goat rearing modules, integrated farming system discussion	Models for rearing 5, 10, 20, 50 and 100 goats, intensive goat rearing system, IFS Quarries of participants