



PERTECNCA'S

# ADVANCED DAIRY FARMING & GOSHALA TRAINING BROCHURE



Practical training



Post training assistance

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# **ADVANCED DAIRY FARMING & GOSHALA TRAINING**

The Advanced Dairy Farming and Goshala Training Course is meticulously designed for individuals passionate about integrating traditional wisdom with modern dairy farming techniques. This course offers an in-depth understanding of managing a dairy farm and goshala, focusing on improving milk production, animal health, and sustainable farm practices. It is ideal for aspiring dairy farmers, goshala managers, and those looking to enhance their existing dairy operations.

## **What you'll learn?**

- Advanced dairy farm management practices
- Traditional and scientific approaches to goshala management
- Strategies for maximizing milk yield and quality
- Nutritional management and feed optimization
- Sustainable and eco-friendly farming practices
- Techniques for enhancing animal welfare and productivity
- Financial management and profitability in dairy farming
- Implementation of technology in dairy farming and goshala management

## **Course summary:**

This course provides a unique blend of traditional and modern approaches to dairy farming and goshala management. Participants will gain expertise in managing large herds, optimizing milk production, and maintaining the health and welfare of the animals. The course also delves into the cultural and spiritual aspects of goshala management, ensuring a holistic approach to animal care and farm sustainability.

## **Key Takeaways:**

- Expertise in modern and traditional dairy farming techniques
- Proficiency in managing animal health and welfare
- Advanced skills in feed management and nutrition
- Knowledge of sustainable practices in dairy farming
- Ability to integrate technology for enhanced farm productivity
- Understanding of the financial aspects of dairy farming
- Skills in maintaining a culturally enriched and spiritually focused goshala

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# Course syllabus:

## **Module 1: Introduction to Advanced Dairy Farming**

- Overview of modern dairy farming practices
- Integration of traditional and scientific approaches
- Importance of sustainable and ethical farming

## **Module 2: Goshala Management Principles**

- Traditional practices in goshala management
- Care for aged and non-productive cattle
- Spiritual and cultural aspects of goshala

## **Module 3: Nutritional Management and Feed Optimization**

- Advanced feed management techniques
- Nutritional needs of dairy cattle at different stages
- Sustainable sourcing and production of cattle feed

## **Module 4: Animal Health and Welfare**

- Advanced techniques in cattle health management
- Disease prevention and management
- Welfare practices for high milk-yielding cows

## **Module 5: Milking Technology and Best Practices**

- Use of automated milking systems
- Techniques to maximize milk yield and quality
- Hygienic practices in milking

## **Module 6: Technology Integration in Dairy Farming**

- Overview of modern dairy farm technologies
- Implementing health monitoring and data analysis systems
- Use of software for farm management and decision-making

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## **Module 7: Sustainable Dairy Farming Practices**

- Implementing eco-friendly farming methods
- Waste management and recycling in dairy farms
- Renewable energy applications in dairy farming

## **Module 8: Business and Financial Management**

- Budgeting and financial planning for dairy farms
- Profitability analysis and cost management
- Developing business strategies for dairy farming

## **Module 9: Practical Training and Project Work**

- Real-time farm management and goshala operations
- Implementation of technology and sustainable practices
- Business planning and financial analysis projects

## **Module 10: Case Studies and Industry Visits**

- Analysis of successful dairy farms and goshala models
- Visits to advanced dairy farms and goshala for practical exposure
- Interaction with industry experts and successful farmers

## **Module 11: Evaluation and Certification**

- Comprehensive assessment and practical examination
- Review of key concepts and practical skills
- Certification of course completion

### **Practical training:**

- Hands-on farm operations
- Goshala operations
- Technology in dairy farming
- Sustainable Practices
- Business and Financial Management

### **Career scope:**

Upon completing the Advanced Dairy Farming & goshala training course, graduates can explore career opportunities in various sectors, including:

- Dairy Farm Manager
- Goshala Manager
- Dairy Consultant
- Animal Health Specialist
- Farm Business Analyst
- Entrepreneur in Dairy Farming
- Sustainable Agriculture Advocate



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