IPB University
Bogor Indonesia

THE 10TH INTERNATIONAL SUMMER COURSE 2026

"Exploring Dairy Nutrition: Integrating Science, Precision Smart Farming, Sustainability, and Health Implications"



PARTICIPANTS BOOKLET

intp@apps.ipb.ac.id
https://ipb.link/isc2026

Department of Nutrition and Feed Technology
Faculty of Animal Science
IPB University

TIMELINE

01 Online Registration
April 10 – May 30, 2026

02 Accepatance Letter and Payment
June 1 – 31, 2026

03 Online courses
July 19 – 29, 2026

04 Offline Excursion
August 2 – 8, 2026

05 Final examination
August 10, 2026



CHAPTER 1 ONLINE REGISTRATION

1

Visit the Registration Website

- Go to the official Summer Course registration page (ipb.link/summercourseintp).
- You will find all the necessary information about the course, including schedules, fees, and course content.

2

Complete the Registration Form

- Fill in the required details
- Make sure all information is correct before proceeding

3

We will process your registration form and send you an official letter of acceptance along with the payment information

CHAPTER 2 ACCEPTANCE LETTER

- After registration, you will receive an **Acceptance Letter**.
- Further information about the course will be provided after registration closes, including a detailed schedule, information about the course materials or resources required, and any other necessary preparations for your participation.

CHAPTER 3 ONLINE COURSES

DAY 1: 19 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-15.00	Pra-Summer Course: Making Video Introduction	Online

DAY 2: 20 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-15.00	Welcoming program	IPB University/ Online
	Opening Speech	IPB University/ Online
	Welcoming remark	IPB University/ Online
	Department Introduction	IPB University/ Online
	Program Overview	IPB University/ Online
	Participant Introduction (Representative)	IPB University/ Online
	Lecturer Introduction (Representative)	IPB University/ Online
	Course 1: *Overview of Dairy Cattle in Tropical Regions: Cooperative System and Cowcalf Rearing Programs* Prof. Dr. Idat Galih Permana	Online
	Task	Online

CHAPTER 3 | ONLINE COURSES

DAY 3: 21 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-11.00	Course 2: *Lactating Dairy Nutrition in Tropical Systems* Prof. Dr. Mardiati Zain	Online
	Task 2	Online
13.00-15.00	Course 3: *Strategic Nutrition Of Transition Cows & NIRS as a Rapid Feed Evaluation Tool* Prof. Dr. Despal	Online
	Task 3	Online

DAY 4: 23 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-11.00	Course 4: *Rumen & Gut Microbial Ecology in Dairy Cows: Implications for Methane Mitigation and Tropical Diets* Dr. Hiroto Miura	Online
	Task 4	Online
13.00-15.00	Course 5: *Forage Management and TMR Systems for High-quality Feeding in Tropical Dairy Farms* Prof. Dr. Luki Abdullah	Online
	Task 5	Online

CHAPTER 3 | ONLINE COURSES

DAY 5: 24 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-11.00	Course 6: *Feed Processing Technology & Quality Control for Dairy Feed* Dr. Heri Ahmad Sukria	Online
	Task 6	Online
13.00-15.00	Course 7: *Precision Feeding and Smart Farming Technologies for Dairy Cows* Dr. Hsin-I Chiang	Online
	Task 7	Online

DAY 6: 27 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-11.00	Course 8: *Practical Dairy Farm Management in a Large-scale Tropical Industry*	Online
	Task 8	Online
13.00-15.00	*Course 9: Precision Dairy Ration Formulation for Tropical Conditions* Prof. Dr. Sri Suharti	Online
	Task 9	Online

CHAPTER 3 | ONLINE COURSES

DAY 7: 29 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-11.00	Course 10: *Feed Formulation Practices*	Online
	Task 10	Online

DAY 8: 30 JULY 2026

Time (GMT+7)	Agenda	Location
09.00-15.00	Mid-Assignment	Online

CHAPTER 4 OFFLINE EXCURSION

DAY 9: 2 AUGUST 2026

Time (GMT+7)	Agenda	Location
	Field trip Participant arrival	Bogor

DAY 10: 3 AUGUST 2026

Time (GMT+7)	Agenda	Location
08.00-16.00	Opening ceremony	IPB University
	Course 11: *Physiological Health Management of Dairy Cows in Tropical Climates: Challenges and Strategic Approaches* Prof. Madya Dr. Mashitah Shikh Maidin	IPB University
	Course 12: *Enhancing Reproductive Performance Of Dairy Cows In The Tropics: Physiology, Nutrition, And Management Strategies* Dr. Nur Hafizah Mohammed	IPB University
	IPB Campus tour	IPB University
	Visiting Feed Manufacturing Lab.	IPB University
	Visiting Closed Housed Dairy Lab.	IPB University

CHAPTER 4 OFFLINE EXCURSION

DAY 11: 4 AUGUST 2026

Time (GMT+7)	Agenda	Location
09.00-16.00	Visiting IPB Science Techno Park	Bogor
	Visiting Bogor Botanical Garden/Bogor Presidential Palace	Bogor
	Visiting Smallholder Dairy Farm: KPS Bogor Kebon Pedes	Bogor

DAY 12: 5 AUGUST 2026

Time (GMT+7)	Agenda	Location
08.00-16.00	Trip to Subang	
	Visiting PT. Global Dairi Alami (Industrial Dairy Farm)	Subang
	Visiting KPSBU Lembang (Cooperative Smallholder Dairy Farm)	Bandung

DAY 13: 6 AUGUST 2026

Time (GMT+7)	Agenda	Location
08.00-18.00	Course 13: *Tropical Forage Management & Agroecosystem Integration* Prof. Dr. Mansyur	Bandung
	Visiting Farm House Susu Lembang	Bandung
	Trip to Bogor	

CHAPTER 4 OFFLINE EXCURSION

DAY 14: 7 AUGUST 2026

Time (GMT+7)	Agenda	Location
09.00-15.00	Farewell: Cultural Exchange with HIMASITER	IPB University

DAY 15: 8 AUGUST 2026

Time (GMT+7)	Agenda	Location
08.00-18.00	Students Departure	

CHAPTER 5 FINAL EXAMINATION

DAY 16: 10 AUGUST 2026

Time (GMT+7)	Agenda	Location
09.00-16.00	Student presentation	Online
	Video competition	Online
	Final exam	Online

DAY 17: 12 AUGUST 2026

Time (GMT+7)	Agenda	Location
09.00-12.00	Winner announcement	Online
	Closing program	Online

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Organised by: Department of Animal Nutrition and Feed Technology
Faculty of Animal Science, IPB University

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