

The University

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) started functioning in 2006 at Ludhiana for promoting livestock production, health and prevention of the disease(s) through integrated teaching, research and extension programme(s) to promote socio-economic status of the society/ farming community.

The College of Dairy Science & Technology

The College of Dairy Science and Technology was established in the year 2008 at Ludhiana as one of the constituent colleges of the Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The objective of the college is to produce trained human resource through its undergraduate and post graduate programme(s) to meet the technical manpower requirements of dairy & food processing industries, government departments and R&D organizations.



Ludhiana City

Ludhiana, the largest industrial city of Punjab established by the Lodhi Emperors in 1481, is commonly called "Manchester of India". Ludhiana is well connected to major cities of India by road, rail and air. It is 320 km from New Delhi and 100 km from Chandigarh. The distance from the Ludhiana Railway Station and Bus Stand to University Campus is about 5 km.

Core Team

Dr. Sunil Kumar (PI)
Assistant Professor (Dairy Technology)
College of Dairy Science & Technology

Dr. A. K. Puniya (Co-PI)
Dean, College of Dairy Science & Technology

Dr. O. P. Gupta (Co-PI)
Associate Professor, SEEIT, COAE&T
PAU, Ludhiana

Research Fellows

Ms. Ruby Goyal, MCA
Ms. Gaganpreet Kaur, MCA

For Further Support

Office: 0161-2553308
Mob.: +91-9876870671
Email: absuneelkhatkar@gmail.com
procool.in@gmail.com
Visit: www.procool.in

Registration Fee:

For Student: Rs. 200
For Faculty: Rs. 1000



Under the Aegis of:
Agricultural Education Division
Indian Council of Agricultural Research
New Delhi – 110012

National Workshop on Co-operative Learning for Producing High Quality Dairy Professionals



ProCool

"Promote Co-operative Learning"

17th March, 2017

Venue: Silver Jubilee Block Auditorium



College of Dairy Science & Technology
Guru Angad Dev Veterinary & Animal
Sciences University
Ludhiana- 141004
<http://www.gadvasu.in>

About the Project

An Extra Mural Research project entitled “**Designing a Digital Model to Promote Cooperative Learning for Producing High Quality Dairy Professionals**” was sanctioned by Agricultural Education Division of ICAR, New Delhi under the priority area of “21st Century Agricultural Education Model for Producing High Quality Professionally Equipped Human Resources” for the development of Co-operative learning model.

About ProCool

An ICT component **ProCool (PRO**motE **CO**-Operative Learning), Mobile application and Web portal, has been designed. It helps in providing virtual classroom with all the elements of effective learning and also reduces the time constraint between teachers and students through anytime anywhere learning. It will help in effective management of time.

About Workshop

Workshop is designed to launch the web portal and mobile application and also to impart the theoretical and practical demonstrations of developed ICT components. Additionally, eminent scientists from different esteemed institutes ICAR-NDRI Karnal, MHRD-SLIET Sangrur, ICAR - CIPHET Ludhiana, PAU Ludhiana and GADVASU Ludhiana will deliver lecture on various topics related to role of ICT components in Teaching & Research.

Technologies Used

The web server is stored at a centralized location which can be accessed on both the models simultaneously using their respective technologies. In the mobile application, Android and JSON is used to get systematic data whereas to access the database MySQL, PHP is used in the web portal.



Fig: Context view diagram of designed model

Why to use ProCool?

- Anytime anywhere learning
- Easily accessible developed contents and assignments
- Make learning easy & enjoyable
- Effective management of time

Functionalities

- **Registration:** Authenticated 2-way process
- **Course Uploading:** Any expert can upload course
- **Course Downloading:** Any registered member can download

How one can get the app?

- Visit web.procool.in
- Click on” Android App “link
- Mobile app is downloaded

Chief Patron

Dr. Amarjit Singh Nanda

Vice-Chancellor

Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana

Patrons

Dr. Simrat Sagar Singh, Dean, PGS

Dr. J. P. S. Gill, Director of Research

Dr. H. K. Verma, Director of Extension Education

Dr. Sushil Prabhakar, Registrar

Dr. Prakash Singh, Dean, College of Veterinary Science

Dr. Asha Dhawan, Dean, College of Fisheries

Dr. Satyavan Rampal, Director of Student Welfare

Convener

Dr. Anil Kumar Puniya

Dean, College of Dairy Science & Technology

Organizing Secretary

Dr. Sunil Kumar, Assistant Professor (DT)

Co-Organizing Secretary

Dr. O. P. Gupta, Associate Professor, SEEIT, COAE&T, PAU, Ludhiana

Course Co-ordinators

- ✓ Dr. S. Siva Kumar
- ✓ Dr. Rekha Chawla
- ✓ Dr. Sunil Kumar
- ✓ Dr. Gopika Talwar
- ✓ Er. Narender K Chandla
- ✓ Dr. Santosh Kumar Mishra
- ✓ Dr. Harsh Panwar
- ✓ Dr. Veena N
- ✓ Mr. Amit K Barui
- ✓ Dr. Varinder Pal