



**Progress Report**  
**(April, 2021 to March, 2022)**  
**for**  
**Institutional Development Plan for**  
**Improved Learning Outcome, Skill**  
**and Entrepreneurship at GADVASU**  
**Ludhiana**

**Submitted to PIU – NAHEP,**  
**ICAR**  
**April, 2022**

**Project Title: Institutional Development Plan for Improved Learning Outcome, Skill and Entrepreneurship at GADVASU, Ludhiana**

**Project profile:**

- a. Component: 1a
- b. Sub-project title: Institutional Development Plan

**Project Objectives:**

Objective 1: Strengthening academic programmes for producing industry and market-ready professionals and improving learning outcomes.

Objective 2. Harnessing on faculty and student development programmes for enhancing competence and diversity.

Objective 3. To develop innovative and sustainable revenue generation models.

**Achievements of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana**

**Strengthening of Teaching infrastructure:**

- Precision Dairy Farming System: Cow scout S-neck (Qty: 100) for application of artificial intelligence as educational tool to aid teaching in the field of monitoring of animal health were installed at the University Dairy Farm.
- Language lab software: Installed in the Language lab developed under IDP-NAHER (50 consoles) to improve the language proficiency of the students.
- Animal models and Simulators: Various animal models and simulators (Qty: 24) were installed in the Departments of Veterinary Anatomy, Surgery & Radiology, Gynaecology & Obstetrics to give a realistic approach to teaching clinical techniques and develop a better understanding in students by demonstration and self-practicing.
- Cold Storage Cabinet (Qty:1): Was installed in the Departments of Veterinary Anatomy for storage of bodies and organs for teaching and research related to veterinary Anatomy students.
- Teaching softwares: Simulator software for supervisory control and data acquisition (Qty: 2) and Designing and layouts software for working drawings of

dairy and food plants (Qty: 12) were procured to enhance learning and understanding of UG students of College of Dairy Science and Technology to achieve better teaching outcomes.

- Books and journals worth (Rs 25.0 Lakhs) were purchased for undergraduate students of all constituent colleges to strengthen their academic curriculum.

**Training and Capacity Building:** A number of interactive expert lectures of national as well as international visiting professors, guest faculty, exposure visit and remedial classes involving UG students and faculty were conducted for all the constituent colleges.

**Expert lectures and workshops:** Key thematic areas of expert lectures organized under IDP were career options after graduation, Entrepreneurship Development and capacity building for dairy science students for enhancement of entrepreneurial skills, Entrepreneurship Development and capacity building for fisheries sector, Soft skills required by veterinary graduates to be successful.

#### **Major Innovations during the period**

- International Visiting Professors teaching students at GADVASU: International Visiting Professors were invited to pursue undergraduate teaching in B.V.Sc. & A.H. programme to enable productive international cooperation and exposure of our students for academic improvement and enhanced skill development. Professor Eduardo Bastianetto, Department of Preventive Veterinary Medicine, Minas Gerais State University, Brazil visited Department of Veterinary Parasitology from February 20<sup>th</sup> to March 24<sup>th</sup> 2022. Professor Eduardo delivered several lectures on important parasitic diseases prevalent in the region along with an insight on the managerial advancements for its control being practiced globally. Practical classes with demonstration on various advance diagnostic laboratory techniques for sensitive and specific diagnosis of parasitic diseases in livestock were also conducted. Dr. Jaswant Singh, Professor, Department of Biomedical Sciences, University of Saskatchewan, Canada visited GADVASU during 15.03.2022 to 25.03.2022. Delivered lectures on histology of male and female reproductive system, bovine follicular dynamics, basics of reproductive ultrasonography, embryo transfer technology and ovum pick up techniques in bovines.

- Remedial classes were organized for undergraduate students of all constituent colleges of GADVASU to raise the level of comprehension and improve the knowledge, skills and attitude of the students. The initiative was aimed at improving the practical skills of students and improve other academic deficiencies during the COVID period. These classes were provided free of cost and conducted during off hours and Saturdays.
- The Centre for One Health, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana celebrated '**World Rabies Day-2021**' on 28 Sep 2021. Awareness lectures were organized for students of Govt. Sen. Sec. Smart School, PAU, Ludhiana emphasizing its prevention and control strategies.
- Training on Artificial Intelligence (AI): The IDP-NAHEP-GADVASU organized trainings on "**Artificial Intelligence and Machine Learning**" in four modules for the undergraduate student of various constituent colleges of GADVASU during 10<sup>th</sup> January 2022 to 4<sup>th</sup> March 2022. Module-I: Basics of Artificial Intelligence: from Scratch to Conceptualization (10-13 January 2022); Module II: Statistical Perspectives of Machine Learning (24-28 January 2022); Module III: Diving Deep into the Concept of Machine Learning (8-11 February 2022); Module IV: Intelligent Systems: Adding New Dimensions to Animal Sciences (1-4 March 2022). Eminent speakers from ICAR's Indian Agricultural Statistical Research Institute, New Delhi, IIT Ropar and GADVASU, Ludhiana delivered the expert lectures. The training was attended by 70 undergraduate students for various constituent colleges of GADVASU.
- College of Fisheries, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana GADVASU, organized student-industry Interface on "Ornamental Fisheries-Present Status, Challenges and Future Prospects in Punjab" to promote entrepreneurship skills among fishery graduates. The platform brought together various stakeholders, including ornamental fish traders, state fisheries officers of Punjab and students.
- The Centre for One Health, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana celebrated **World Food Day** in a series of one-week events. Under this a workshop on "**The Food We Eat: Impact on Health and Environment**" was organized on October 14 2021 with eminent speakers from Nestle India Ltd., Moga, Punjab Agricultural University and GADVASU, Ludhiana.

- The Human Resource Management Centre, GADVASU organized a Guest Lecture of Army Dog training expert Lt. Col. Surinder Saini from Remount Veterinary Corps to sensitize faculty and students on Physiology of Canine Olfaction on 10<sup>th</sup> October, 2021.
- The World Antimicrobial Awareness Week was organized by Centre for One Health, GADVASU, Ludhiana Under the theme “Spread Awareness, Stop Resistance” proposed by World Health Organization from 18<sup>th</sup> - 24<sup>th</sup> Nov, 2021. A series of offline lectures commenced with expert lectures from Dr. Pallab Ray, Professor, Department of Medical Microbiology, PGIMER, Chandigarh and Dr. Manisha Biswal, Professor, Department of Medical Microbiology.
- Human Resource Management Centre GADVASU organized an exclusive lecture for the female faculty, staff and girl students on “**Common Health problems of Women: Our Health-Our Responsibility**”. The guest speaker, an eminent gynecologist and obstetrician Dr. Venus Bansal, Senior Consultant, CLIO, Mother and Child Institute, Orison Hospital, Ludhiana discussed the common age-related problems of the women.
- **International Training Programme:** To accomplish one of the major objectives “Harnessing on faculty and student development programme for enhancing competence and diversity” Approval of five faculty members of GADVASU was obtained for International training. Dr. Ajeet Kumar is presently undergoing training at Hebrew University of Jerusalem, Israel and other selected candidates are to start the training shortly. Further, a list of 09 faculty members and 26 undergraduate students has been submitted to PIU for approval.
- **Video Tutorials** for UG Students have been developed and uploaded on YOUTUBE Channel so that they might not miss their classroom learning in unprecedented situations. List of Video tutorial developed is as follows:

S.No.	Title	Department	Video tutorial link
1.	Practicals in Veterinary Parasitology	Veterinary Parasitology	<a href="https://www.youtube.com/watch?v=xb67aXeLlyY">https://www.youtube.com/watch?v=xb67aXeLlyY</a>
2.	Practicals in Anatomy of Bovine Digestive System	Veterinary Anatomy	<a href="https://www.youtube.com/watch?v=QS6Fu4NwYi8">https://www.youtube.com/watch?v=QS6Fu4NwYi8</a>
3.	Practicals in Veterinary	Veterinary	<a href="https://www.youtube.com/watch?v=QS6Fu4NwYi8">https://www.youtube.com/watch?v=QS6Fu4NwYi8</a>

	Obstetrical Procedures	Gynaecology & Obstetrics	<a href="https://www.youtube.com/watch?v=f_Y4LZYiv80">ch?v=f_Y4LZYiv80</a>
4.	Veterinary Microbiology II - Practical Demonstrations	Veterinary Microbiology	<a href="https://www.youtube.com/watch?v=XJ6Os-Dd41c">https://www.youtube.com/watch?v=XJ6Os-Dd41c</a>
5.	Practicals in Fisheries Resource Management	Department of Fisheries Resource Management	<a href="https://www.youtube.com/watch?v=cVswQjWA0s0">https://www.youtube.com/watch?v=cVswQjWA0s0</a>
6.	Practicals in Dairy Chemistry	Department of Dairy Chemistry	<a href="https://www.youtube.com/watch?v=44J_GeNLPIU">https://www.youtube.com/watch?v=44J_GeNLPIU</a>
7.	Vapour compression refrigeration system and its application in dairy	Department of Dairy Engineering	<a href="https://www.youtube.com/watch?v=6jufMZ38pSs">https://www.youtube.com/watch?v=6jufMZ38pSs</a>

### Monitoring and Evaluation

All the activities carried out under IDP are monitored by concerned authority on frequent basis. Outcomes are evaluated regularly and further improvements are suggested on the basis of feedback received from beneficiaries. Project monitoring and Evaluation cell (PME) provides regular inputs for further improvement in the activities to be undertaken and progress is kept in tandem with set approved objectives and indicators.

### Activities conducted under IDP project during 2021-22

#### 1. Webinars, seminars and interactive sessions conducted:

S. No	Topic	Category	Date	No. of participants
1.	How to be an organized Student	Webinar	8 April, 2021	60
2.	Veterinarians response to COVID - 19 crisis	Webinar	21 April, 2021	120
3.	Role of animals in the origin and transmission of SARS-COV-2	Webinar	24 April, 2021	172
4.	Importance of hunting coronavirus carrier animals	Webinar	25 April, 2021	161
5.	Staying Organized for Effective Learning	Webinar	13 May, 2021	227
6.	Cow Conservation and Revenue Generation	Webinar	21 May, 2021	230
7.	Fundamentals of Computer Memories	Webinar	3 June, 2021	54
8.	Gut Microbiota and Its Role in Health and Disease	Webinar	28 June, 2021	22

9.	Fishpreneurship Development Skills For 'Aatmanirbhar Bharat'	Webinar	1 July, 2021	28
10.	An Overview on Q Fever: Indian Perspective	Webinar	16 July, 2021	82
11.	One Health Approach to Tackle Brucellosis	Webinar	20 July, 2021	107
12.	Dairying in India - Opportunities and Challenges	Webinar	23 July, 2021	82
13.	Yes I Can- The Life Changing Words	Webinar	29 July, 2021	121
14.	Entrepreneurial Opportunities for Vets	Webinar	31 July, 2021	61
15.	Effective Communication Skills for The Professional and Personal Growth	Webinar	5 Aug, 2021	106
16.	Attitude Determines Altitude	Webinar	11 Aug, 2021	26
17.	Role of Soft Skills and Effective Communication for Successful Entrepreneurship	Webinar	16 Aug, 2021	50
18.	How Literature Designs/ Develops Life and Professional Skills	Webinar	18 Aug, 2021	11
19.	Tik Tok-How to Manage Time Effectively	Webinar	23 Aug ,2021	71
20.	Importance of Dietary Guidelines for Healthy Living	Webinar	2 Sep, 2021	24
21.	The nexus of climate change, animal health and welfare	Invited Talk	7 Sep, 2021	41
22.	Effective communication for information infusion	Invited Talk	16 Sep, 2021	65
23.	Depletion and protection of Ozone Layer	Invited Talk	16 Sep, 2021	89
24.	World Rabies Day Celebration	Seminar	28 Sep, 2021	99
25.	Lavish spending and our life styles	Motivational	29 Sep 2021	34
26.	Purpose of Life	Motivational	04 Oct, 2021	22
27.	Scientific Temper: A way of Life	Expert talk	06 Oct, 2021	75
28.	As you sow, so shall you reap	Motivational	13 Oct, 2021	100
29.	Art of Living with Finite Resources and Wealth	Expert talk	13 Oct, 2021	67
30.	Never Say Never	Motivational	18 Oct, 2021	70
31.	Physiology on Canine Management	Expert talk	22 Oct, 2021	111
32.	Self-realization	Motivational	26 Oct, 2021	90

33.	Self-empowerment	Expert talk	27 Oct, 2021	65
34.	Memory, Time Table and Personality	Motivationa 	02 Nov, 2021	38
35.	Legal awareness seminar	Expert talk	08 Nov, 2021	81
36.	Common Health Concerns of Women: Our Health- Our Responsibility	Expert talk	10 Nov, 2021	45
37.	Vision and Dreams	Motivationa 	11 Nov, 2021	46
38.	How to keep one self highly motivated	Motivationa 	15 Nov, 2021	27
39.	Emotional Intelligence	Motivationa 	25 Nov, 2021	80
40.	How to be successful in life	Motivationa 	02 Dec, 2021	80
41.	Veterinary Jurisprudence Understanding duties and Alleviating fears	Expert Talk	04 Feb, 2022	60
42.	Women Empowerment	Expert Talk	08 Mar, 2022	80
43.	Mindset to succeed in life	Motivationa 	17 Mar, 2022	80

## 2. Academia- Industry Interface conducted

S. No.	Topic	Date	No. of participants
1.	Dairy Farming as A Viable Entrepreneurial Option	20 May, 2021	19
2.	Establishment of Mini Dairy Processing Plant: Start-Up Entrepreneurial Initiative	10 June, 2021	37
3.	Basic Engineering Properties of Dairy Products Important for Designing Processing Equipment's	23 June, 2021	29
4.	Ornamental Fisheries-Present, Status, Challenges and Future Prospects in Punjab	23 Dec, 2021	104

## 3. Trainings/Awareness Camp/Symposium

S. No.	Title of Activity	Category	Date	No. of participants
1.	Molecular Techniques in Pathology	Training	17-21 May, 2021	16
2.	Online Training on Animal Welfare and Equine	Training	25-28 May, 2021	132



	Behaviour			
3.	Poultry Disease Diagnosis	Training	7-11 June, 2021	24
4.	One Health approach to tackle Zoonoses	International e-symposium	6 July, 2021	200
5.	Perspectives and opportunities for Brucellosis Control in India	National e-colloquium	7 July, 2021	140
6.	Zoonoses Awareness Camp	Awareness camp	8 July, 2021	50
7.	Brucellosis Awareness and Testing Camp	Awareness camp	9 July, 2021	50
8.	Brucellosis Awareness Camp	Awareness camp	12 July, 2021	124
9.	Brucellosis Awareness Camp	Awareness camp	13 July, 2021	25
10.	Brucellosis Awareness Camp	Awareness camp	14 July, 2021	25
11.	Brucellosis Awareness Camp	Awareness camp	15 July, 2021	25
12.	Zoonoses Awareness Camp	Awareness camp	19 July, 2021	12
13.	Ideathon ISBD	Symposium	11 Dec, 2021	21
14.	AI training (Module I)	Training	10-13 Jan 22	70
15.	AI training (Module II)	Training	24-28 Jan 22	70
16.	AI training (Module III)	Training	08-11 Feb 22	70
17.	AI training (Module IV)	Training	01-04 Mar 22	70

#### 4. List of Exposure Visit of Students to Industries and Plants

Date	Visit	Organizing College/ Deptt.
18-11-2021	Dr. Attar Aqua Feed Mill, Dohki, Haryana	College of Fisheries
29-11-2021	Govt Fish farm, Kapurthala and nearby areas	
01-12-2021	Govt Fish farm, Ropar and nearby areas	
19-10-2021	Verka Dairy Plant, Jalandhar	College of Dairy Science & Technology
25-10-2021	Model Dairy Plant, Karnal	
01-11-2021	Verka Dairy, Patiala	COH, COVS
13-10-2021	Verka Milk Plant, Ludhiana	
14-09-2021	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS
15-09-2021	Punjab Police Academy, Phillaur	TVCC, COVS
13-10-2021	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS

14-10-2021	Punjab Police Academy, Phillaur	TVCC, COVS
12-11-2021	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS
15-11-2021	Punjab Police Academy, Phillaur	TVCC, COVS
16-11-2021	Pig Farm Khassi Kalan, Ludhiana	COVS
19-11-2021	Nature Livestock and Integrated Farm, Morni, Panchkula	LPM, COVS
22-11-2021	Feed Plant, Khanna	COVS
24-11-2021	Frozen Semen Station (Milkfed) Bhattian, Khanna	VGO, COVS
24-11-2021	Panacea Biotech Limited, Lalru SAS Nagar	Vety. Microbiology
15 to 18-11-2021	Verka Milk Plant, Ludhiana	COH, COVS
06-12-2021	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS
07-12-2021	Punjab Police Academy, Phillaur	TVCC, COVS
11-01-2022	Punjab Police Academy, Phillaur	TVCC, COVS
12-01-2022	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS
11-02-2022	Punjab Police Academy, Phillaur	TVCC, COVS
14-02-2022	Punjab Home Guards Canine Breeding and Training Institute, DeraBassi, Mohali	TVCC, COVS
25-02-2022	Kamdheni Gaushala, Noormahal	AGB, COVS
23 to 27-03-22	GBPUA&T, Pantnagar and Nanital Zoo -4th Year B.V.Sc. & A.H. students	COVS

**5. Guest faculty/ National /International Visiting Professor/Expert Agripreneurs:**

S.No.	Organizing Department	Role	Name	Date
1	VAHEE	Guest Faculty	Dr Harish Verma	17-24 Nov, 2021
2	Veterinary Parasitology	International Visiting Professor	Dr Eduardo Bastianetto, Brazil	20 Feb-24 March, 2022
3		Guest Faculty	Dr. S.S. Rath	21-25 March, 2022
4	Centre for One Health	Guest Faculty	Dr Sandeep Ghatak	04-12 March, 2022
5	Veterinary Gynaecology and	International Visiting Professor	Dr. Jaswant Singh, Canada	15-25 March, 2022
6		National Visiting	Dr V K Gandotra	21 Feb-21 March,

	<b>Obstetrics</b>	Professor		2022
7		Guest Faculty	Dr. Ramavtar Legha	28-30 March, 2022
8			Dr. TalluriThirumala Rao	28-30 March, 2022
9			Dr. R. K. Dedar	28-30 March, 2022
10			Dr. Yashpal	28 March, 2022
11	Guest Faculty		Dr. P N Dwivedi	21-25 February, 2022
12		Dr. Bhoj Raj Singh	21-25 March, 2022	
13	<b>Animal Nutrition</b>	Guest Faculty	Dr. Shivani Katoch	07-22 March, 2022
14	<b>Veterinary Medicine</b>	Guest Faculty	Dr Satish Kumar	07-11 March, 2022
15	<b>College of Fisheries</b>	Guest Faculty	Dr Shivaprakasha S.M.	13-17 Dec, 2021
16			Dr. Shamasundar B.A.	13-17 Dec, 2021
17			Dr. Deepjyoti Baruah	14-20 Dec, 2021
18			Dr. Atul Kumar Jain	20-24 Dec, 2021
19		Experts (Agri-preneurs)	Mr. Neelam Dutta	15 Nov, 2021
20			Mr Debtanu Barman	27-28 Dec, 2021

### Plan ahead for 2022-23

- Skill Development for students
  - ✓ Student Entrepreneurship trainings
  - ✓ Student Skill Development Programme
  - ✓ Remedial courses for weaker section students
  - ✓ Certificate courses
  - ✓ Student short duration Internship
- Students' exposure visits and trainings
  - ✓ Students will be sent to various international universities and institutes of repute for academic exposure.
  - ✓ Exposure visit of students to Industries and plants
- Faculty upgradation
  - ✓ International level training for faculty to enhance efficiency and competence
- Visiting Professorship/Adjunct faculty/Guest faculty
- Linkages with industries
  - ✓ Industry experts/faculty for workshops and lectures
  - ✓ Industry-Academia interface

### 1. Output-Outcome Monitoring

S. No.	Particulars	April 21 to March 2022		
		Plan	Achievement	Remarks (Action plan for areas where improvement is needed)
1.	Number of new facilitative units established to enable academic and research infrastructure (IIIC- Industry Institution Interaction Cell / Start up cell / incubation cell / experiential learning unit / placement cell etc.)	-	-	-
2.	Number of pilot courses added / upgraded on communication skills, entrepreneurial skills, information processing, creative and innovative thinking, leadership skills, industry-oriented courses etc.	02	04	<ol style="list-style-type: none"> <li>1. Short course on Extension and entrepreneurial Management</li> <li>2. Short course on Fish Feed Formulation and Manufacturing</li> <li>3. Short Term Training on Molecular Techniques In Pathology</li> <li>4. Short Term Training on Poultry Disease Diagnosis</li> </ol>
3.	Additional revenue generated through institutional activities with industries in INR lakhs	-	-	-
4.	Revenue generated through public usage of infrastructure for academic activities in INR lakhs	-	-	-
5.	Number of MoUs signed with industry for knowledge exchange programs/ internships / short term training programs etc.	3	MoUs with industries (n=4)	<ol style="list-style-type: none"> <li>1. Academic Collaboration with National Bank for Agriculture and Rural Development (NABARD)</li> <li>2. Academic Collaboration with Indian Institute Of Technology, Ropar</li> <li>3. Research</li> </ol>

				Collaboration with University of Trans-Disciplinary Health Sciences and Technology, Karnataka 4. Research Collaboration with Dayanand Medical College and Hospital, Ludhiana
6.	Improved AU revenue generation (% change in internal revenue of AU)	2477.30	98.2%	-
7.	No. of International trainings undertaken by faculties under IDP component	16	1 + 04 (approved & training to commence shortly) + 09 (Submitted for approval)	More number of faculty will be sent for international training in coming months
8.	Number of national trainings undertaken by faculties under IDP component	-	-	
9.	No. of International trainings undertaken by students under IDP comp	50	26 students selected	More number of students will be sent for international training in coming months
10.	Number of national trainings undertaken by students under IDP comp	-	-	
11.	No. of direct beneficiaries of the project	3000	9698 (due to enhanced participation through webinars)	
12.	No. of female beneficiaries out of total direct beneficiaries	-	4119	

## 2. Input and Activity Monitoring

Input/Activity Indicator	Sub Head/category	Expenditure/ input in INR lakhs		Justification
		Planned	Utilized	
Goods and	Equipment,	0	Nil	

<b>Equipments</b>	Plant & Machinery			
	Office equipment	0.01504	Nil	
	Laboratory equipment	125.13137	76.0781	<p>1. Cow scout S-neck (Qty: 100) with 2 no. antenna and accessories installed at University Dairy Farm for application of artificial intelligence as educational tool to aid teaching and research activities.</p> <p>2. Language lab software for 50 consoles, on-site 1 year's warranty and upgradation of software; Complete on-site installation, demonstration and training: To improve the language proficiency of the students.</p> <p>3. Animal models and Simulators (Qty: 24): To give a realistic approach to teaching clinical techniques and research to develop a better understanding in students by demonstration and self-practicing.</p> <p>4. Cold Storage Cabinet (Qty:1): Storage of bodies and organs for teaching and research related to veterinary Anatomy students.</p> <p>5. Simulator software for supervisory control and data acquisition (Qty: 2) for training of UG students of College of Dairy Science and Technology.</p> <p>6. Designing and layouts software for working drawings of dairy and food plants (Qty: 12) for training of UG students of College of Dairy Science and</p>

				Technology.
	Furniture & fixtures	1.43542	Nil	
	Computers and Peripherals	2.225	Nil	
	Books and Journals	25.0	24.31408	These books will help in facilitating the teaching primarily practicals of various undergraduate courses.
<b>Civil works</b>	Minor repair and renovation work	8.53134	Nil	
<b>Human capacity building</b>	National level training	Nil	Nil	
	International level training	44.00	5.2784	Dr. Ajeet Kumar visiting Hebrew University of Jerusalem, Israel for the period of 03 months
	Short visit/ seminars	8.00	Nil	
	Meetings and workshops	3.80387	0.24042	Student Industry interface, Banner and certificates printing
<b>Consultancy</b>	National level consultancies	Nil	Nil	
<b>Recurrent cost / Miscellaneous</b>	Travel	1.34273	0.00	
	Contractual services	46.95758	29.63853	Salary of Contractual Staff under IDP
	Operational costs	118.14487	35.60205	National/International/Guest visiting professor, LED lights, Expert/ Motivational talk, Contingency
	Institutional charges	2.74	2.74	
<b>TOTAL</b>		<b>387.32722</b>	<b>173.89158</b>	

### 3. Case studies/ success stories

**Major category: Media coverage of project activities and achievements**

a. Print/Press release

## International visiting professors hone skills of students at Vet Varsity

**PUNJAB EXPRESS BUREAU**  
Ludhiana, March 22

College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana has invited various international visiting professors to pursue undergraduate teaching in BV Sc and AH programme under the World Bank funded Institutional Development Plan project. It aims to enable productive international cooperation and exposure of our students for academic improvement and enhanced skill development. Presently, Professor Eduardo Bastianetto, Preventive Veterinary Medicine, Minas Gerais State University, Brazil is visiting



Department of Veterinary Parasitology since February 20 and will continue to teach till March 24. Professor Eduardo is an expert in the field of parasitic disease control and management particularly in buffalo populations. He has delivered several lectures on important parasitic diseases prevalent in the region along with an insight on the managemental advancements for its control being practiced globally. Practical

classes with demonstration on various advance diagnostic laboratory techniques for sensitive and specific diagnosis of parasitic diseases in livestock are being conducted for our student.

Dr Jaswant Singh, Professor, Department of Veterinary Biomedical Sciences, University of Saskatchewan, Canada is visiting to the department of Veterinary Gynaecology and Obstetrics from March 15 to 25.



23 OCT 2021

ਅਜੀਤ



ਵਿਸ਼ੇਸ਼ ਕਲਾਸਾਂ ਲਗਾਉਣ ਸਮੇਂ ਵੈਟਰਨਰੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਅਧਿਆਪਕ।

ਅਜੀਤ ਤਸਵੀਰ

## ਵੈਟਰਨਰੀ ਯੂਨੀਵਰਸਿਟੀ ਵਲੋਂ ਵਿਸ਼ੇਸ਼ ਕਲਾਸਾਂ ਆਰੰਭੀਆਂ

ਲੁਧਿਆਣਾ, 22 ਅਕਤੂਬਰ (ਪੁਨੀਤ ਬਾਵਾ)- ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਵੈਟਰਨਰੀ ਤੇ ਐਨੀਮਲ ਸਾਇੰਸ ਯੂਨੀਵਰਸਿਟੀ ਲੁਧਿਆਣਾ ਵਲੋਂ ਸੰਸਥਾ ਵਿਕਾਸ ਯੋਜਨਾ ਅਧੀਨ ਡੋਅਰੀ ਸਾਇੰਸ ਅਤੇ ਤਕਨਾਲੋਜੀ ਕਾਲਜ ਵਿਖੇ ਅੰਡਰ ਗ੍ਰੈਜੂਏਟ ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ ਵਿਦਿਅਕ ਕਲਾਸਾਂ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਗਈਆਂ ਹਨ। ਇਹ ਵਿਸ਼ੇਸ਼ ਕਲਾਸਾਂ ਡਾ. ਵਿਦਿਅਕ ਸਿੰਘ ਉਪ-ਕਲਪਤੀ ਅਤੇ ਸੰਸਥਾ ਵਿਕਾਸ ਯੋਜਨਾ ਦੇ ਮੁਖੀ ਈ ਅਗਵਾਈ ਅਧੀਨ ਆਰੰਭੀਆਂ ਗਈਆਂ ਹਨ। ਡਾ. ਸਿੰਘ ਅਨੁਸਾਰ ਕਲਾਸਾਂ ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸੁਨਿਆਈ ਵਿਸ਼ਿਆਂ ਦੀ ਸੂਝ ਵਧਾਉਣ ਅਤੇ ਗਿਆਨ, ਕੋਸ਼ਲਤਾ ਅਤੇ ਵਿਸ਼ੇ ਪ੍ਰਤੀ ਪਕੜ ਨੂੰ ਮਜ਼ਬੂਤ ਕਰਨ ਵਿਚ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਗਈਆਂ ਹਨ। ਸੰਸਥਾ ਵਿਕਾਸ ਯੋਜਨਾ ਦੇ ਮੁਖ ਨਿਰੀਖਕ ਤੇ ਵੈਟਰਨਰੀ ਸਾਇੰਸ ਕਾਲਜ ਦੇ ਡੀਨ ਡਾ. ਸਰਵਪ੍ਰੀਤ ਸਿੰਘ ਘੁਮਣ ਨੇ ਇਨ੍ਹਾਂ ਕਲਾਸਾਂ ਨੂੰ ਆਰੰਭਣ ਵਿਚ ਪੂਰਨ ਸਹਿਯੋਗ ਅਤੇ ਪ੍ਰੇਰਣਾ ਦਿੱਤੀ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਕੰਨਣ ਕਾਲ ਦੇਗਨ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਪੁਸ਼ਤਕ ਤੇ ਪ੍ਰਯੋਗ

ਗਿਆਨ ਵਿਚ ਰਹਿ ਗਈਆਂ ਖਾਮੀਆਂ ਅਤੇ ਤਰੁਟੀਆਂ ਨੂੰ ਪੂਰਿਆਂ ਕਰਨ ਲਈ ਇਹ ਕਾਰਜ ਆਰੰਭਿਆ ਗਿਆ ਹੈ। ਡਾ. ਰਮਨੀਕ ਡੀਨ ਡੋਅਰੀ ਸਾਇੰਸ ਅਤੇ ਤਕਨਾਲੋਜੀ ਕਾਲਜ ਨੇ ਵਿਸ਼ੇਸ਼ ਕਲਾਸਾਂ ਦੀ ਆਰੰਭਤਾ ਮੌਕੇ ਸੰਬੰਧਨ ਕਰਦਿਆਂ ਕਿਹਾ ਕਿ ਇਨ੍ਹਾਂ

» ਬਿਨਾਂ ਫੀਸ ਛੁੱਟੀ ਤੋਂ ਬਾਅਦ ਦੇ ਸਮੇਂ ਤੇ ਸਨਿਚਰਵਾਰ ਨੂੰ ਲਗਾਈਆਂ ਜਾਣਗੀਆਂ ਕਲਾਸਾਂ

ਕਲਾਸਾਂ ਦਾ ਕੋਰਸ ਵੀ ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਲੋੜਾਂ ਅਤੇ ਰੁਚੀ ਨੂੰ ਧਿਆਨ ਵਿਚ ਰੱਖਦੇ ਹੋਏ ਵਿਸ਼ੇਸ਼ ਢੰਗ ਨਾਲ ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਨੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵੱਧ ਤੋਂ ਵੱਧ ਕਲਾਸਾਂ ਵਿਚ ਆਉਣ ਲਈ ਪ੍ਰੇਰਿਆ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਵਿਦਿਆਰਥੀ ਅਧਿਆਪਕਾਂ ਨਾਲ ਵਧੇਰੇ ਵਿਚਾਰ ਵਟਾਂਦਰਾ ਕਰਨ ਅਤੇ ਆਪਣੀਆਂ ਪ੍ਰਯੋਗਿਕ ਸਮੱਸਿਆਵਾਂ ਦਾ ਹੱਲ ਲੱਭਣ ਲਈ ਅਧਿਆਪਕਾਂ ਦੀ ਪੂਰਨ ਸਹਾਇਤਾ ਪ੍ਰਾਪਤ

ਕਰਨ। ਇਨ੍ਹਾਂ ਕਲਾਸਾਂ ਦੇ ਸੰਯੋਜਕ ਡਾ. ਤੇਜਿੰਦਰ ਸਿੰਘ ਰਾਏ ਨੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਕਿ ਇਨ੍ਹਾਂ ਕਲਾਸਾਂ ਦੀ ਵਿਦਿਆਰਥੀਆਂ ਕੋਲ ਕੋਈ ਫੀਸ ਜਾਂ ਖਰਚ ਨਹੀਂ ਲਿਆ ਜਾਵੇਗਾ ਅਤੇ ਇਹ ਛੁੱਟੀ ਤੋਂ ਬਾਅਦ ਦੇ ਵਿਹੁਲ ਸਮੇਂ ਅਤੇ ਸ਼ਨੀਵਾਰ ਨੂੰ ਲਗਾਈਆਂ ਜਾਣਗੀਆਂ। ਡਾ. ਵਰਿੰਦਰ ਪਾਲ ਸਿੰਘ, ਸੰਸਥਾ ਵਿਕਾਸ ਯੋਜਨਾ ਦੇ ਡੋਅਰੀ ਸਾਇੰਸ ਕਾਲਜ ਵਲੋਂ ਇੰਚਾਰਜ ਨੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਕਿ ਚੁਣੇ ਗਏ 6 ਵੱਖ-ਵੱਖ ਕੋਰਸਾਂ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ 25 ਘੰਟੇ ਦੀ ਕਿਤਾਬੀ ਅਤੇ ਪ੍ਰਯੋਗਿਕ ਸਿੱਖਿਆ ਦਿੱਤੀ ਜਾਵੇਗੀ। ਹਰ ਪੰਜ ਘੰਟੇ ਦੀ ਸਿੱਖਿਆ ਤੋਂ ਬਾਅਦ ਉਨ੍ਹਾਂ ਦੇ ਵਿਦਿਅਕ ਵਿਕਾਸ ਦੇ ਪੱਧਰ ਨੂੰ ਜਾਣਣ ਵਾਸਤੇ ਇਕ ਟੈਸਟ ਵੀ ਲਿਆ ਜਾਵੇਗਾ। ਇਸ ਟੈਸਟ ਰਾਹੀਂ ਉਨ੍ਹਾਂ ਦੇ ਗਿਆਨ ਪੱਧਰ ਨੂੰ ਉਨ੍ਹਾਂ ਨਾਲ ਵਿਚਾਰਿਆ ਜਾਵੇਗਾ। ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਸੁਣੀਆਂ ਅਤੇ ਹੱਲ ਕੀਤੀਆਂ ਜਾਣਗੀਆਂ। ਇਨ੍ਹਾਂ ਕਲਾਸਾਂ ਦੀ ਆਰੰਭਤਾ ਮੌਕੇ ਕਾਲਜ ਦੇ ਹੋਰ ਅਧਿਆਪਕਾਂ ਨੇ ਵੀ ਸਮੁਲੀਅਤ ਕਰਕੇ ਆਪਣਾ ਯੋਗਦਾਨ ਪਾਇਆ।

23 OCT 2021

## ਦੈਨਿਕ ਜਾਗਰਣ

### ਅੰਡਰ ਗ੍ਰੇਜੂਏਟ छात्रों की विशेष कक्षाएं शुरू

जासं, लुधियाना : गुरु नानक देव वेटरनरी एंड एनिमल साइंस यूनिवर्सिटी की ओर से संस्था विकास योजना के अंतर्गत डेयरी साइंस व टेक्नोलॉजी कालेज में अंडर ग्रेजुएट विद्यार्थियों की विशेष शैक्षिक कक्षाएं शुरू की गई हैं। यह कक्षाएं वीसी डा. इंद्रजीत सिंह की अगुआई में आरंभ की गई हैं। डा. सिंह के अनुसार कक्षाएं विद्यार्थियों में बुनियादी विषयों की सृझबूझ बढ़ाने व ज्ञान और विषयों में मजबूत करने के लिए शुरू की गई। डेयरी साइंस व टेक्नोलॉजी कालेज के डीन ने कहा कि कोर्स भी विद्यार्थियों की

जरूरत और रुचि को ध्यान में रखकर विशेष ढंग से तैयार किया गया। उन्होंने विद्यार्थियों को अधिक से अधिक कक्षाएं में आने के प्रेरित किया। इन कक्षाओं के लिए विद्यार्थियों से कोई फीस और खर्च नहीं लिया जाएगा। चुने गए छह अलग अलग कोर्सों में विद्यार्थियों को 25 घंटे की किताबी व प्रयोगिक शिक्षा दी जाएगी। हर पांच घंटे की शिक्षा के बाद शिक्षा के बाद उनके शैक्षिक विकास के स्तर पर की जानने के लिए एक टेस्ट भी लिया जाएगा। इस टेस्ट के जरिए ज्ञान के स्तर को उनके साथ विचार किया जाएगा।



संस्था विकास योजना के अंतर्गत डेयरी साइंस व टेक्नोलॉजी कालेज में अंडर ग्रेजुएट विद्यार्थियों की विशेष शैक्षिक कक्षा के दौरान जानकारी देते हुए डा. रमनीक सिंह • विज्ञापित

27 OCT 2021

## HINDUSTAN TIMES

### Vet varsity sensitises students about canine olfaction

LUDHIANA : The human resource management centre, in collaboration with the institutional development plan cell of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, organised a guest lecture. Army Dog training expert Lt Col Surinder Saini from Remount Veterinary Corps sensitised faculty and students on the physiology of canine olfaction. More than 120 students and faculty members attended the lecture.

27 OCT 2021

## पंजाब कैसरी

# कुत्तों की सूंघने की समर्था संबंधी आर्मी के कर्नल ने अध्यापकों व स्टूडेंट्स को किया शिक्षित

लुधियाना, 26 अक्टूबर (सलूजा) : गुरु अंगद देव वैटनरी व एनिमल साइंसेज यूनिवर्सिटी लुधियाना के अध्यापकों व स्टूडेंट्स को इंडियन आर्मी के कर्नल ने अपने तर्जुबों के आधार पर शिक्षित किया। इसमें 125 के करीब प्रतिभागियों ने हिस्सा लिया। इंडियन आर्मी के लैफ्टीनेंट कर्नल सुरिंदर सैनी, जिन्होंने आर्मी के कुत्तों को शिक्षित करने में महत्वपूर्ण योगदान दिया, ने सबसे पहले कुत्तों की गंध समर्था के बारे में रोशनी डालते हुए मनुष्य व कुत्तों की सूंघने की समर्था की तुलना की।



समारोह दौरान भारतीय आर्मी के लैफ्टीनेंट कर्नल, उप-कुलपति व अन्य।

### कर्नल सुरिंदर सैनी ने उप-कुलपति से की मीटिंग

इंडियन आर्मी के लैफ्टीनेंट कर्नल सुरिंदर सैनी ने इसी विषय संबंधी यूनिवर्सिटी के उप-कुलपति डा. इंद्रजीत सिंह के साथ मीटिंग करते हुए चर्चा की। कर्नल सैनी ने इस क्षेत्र में पाए वैटनरी यूनिवर्सिटी की तरफ से पाए जा रहे योगदान की प्रशंसा की।

### डॉग मनुष्य का नजदीक का साथी बना

डीन वैटनरी साइंस कॉलेज डा. सर्वप्रीत सिंह घुम्मण ने बताया कि कुत्तों की सूंघने की शक्ति के महत्वपूर्ण पहलुओं व समर्था ने उसको मनुष्य का नजदीक का साथी बनाया। डा. लखमन दास सिंगला निदेशक मानव साधन प्रबंधन केन्द्र ने माहिरों के प्रति आभार जताया। उप-कुलपति डा. इंद्रजीत सिंह ने जानकारी बांटने की प्रशंसा की। डा. हरमनजीत सिंह बंगा रजिस्ट्रार का भी सहयोग देने के लिए धन्यवाद किया गया। डा. परममजीत कौर व डा. नितिन देव ने भी अपने विचार रखे।

उन्होंने बताया कि कुत्तों की इस विशेष समर्था को वैटनरी विज्ञान में किस तरह इस्तेमाल में लाया जा सकता है। वैटनरी यूनिवर्सिटी की 1 पंजाब रिमाऊंट व वैटनरी स्कवैडरन एन.सी.सी. के कमांडिंग अफसर, कर्नल कुते कुछ विशेष रिसाव या गंध को समझ कर अलग-अलग बीमारियों केसर, ड्रग्स व बारूदी वस्तुओं को पहचान या ढूंढ सकते हैं। उन्होंने वैटनरी यूनिवर्सिटी की प्रशंसा की वह कुत्तों के ऐसे गुण को लोक भलाई

के हित हेतु इस्तेमाल में लाना चाहती है। जिससे पशुओं की टी.बी. जैसी बीमारियों को पहचाना जा सकता है। उन्होंने सवालियों के जवाब भी दिए।

## Vet Varsity sensitizes faculty and students to Canine Olfaction

PUNJAB EXPRESS BUREAU  
Ludhiana, October 26

The Human Resource Management Centre in collaboration with the Institutional Development Plan cell of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana (GADVASU) organised a guest lecture. The lecture was of highly decorated Army Dog training expert Lt Col Surinder Saini from Remount Veterinary Corps to sensitize faculty and students on Physiology of Canine Olfaction. Col Saini remained most instrumental in training the dogs for COVID detection. GADVASU took this initiative with a motive to explore this unexplored field of Veterinary Science. More than 120 students and faculty members attended the lecture.

Col. S.K. Bhardwaj, Officer Commanding, 1 Pb R &



V SQN NCC, Ludhiana apprised the audience about the Canine Olfaction. Lt. Col. Surinder Saini explained how the canine olfaction system is different from that of human beings and is more specialised. He explained in detail the various intricate physiological processes involved in canine olfaction and how this quality of dogs can be used in Veterinary Science. He elucidated on how dogs have different receptors for different volatile fatty com-

pounds which are secreted by the patients in their secretions and excretions. Keeping in view about this quality of dogs, they are trained for different functions like medical detection of diseases, cancer, narcotics and explosives etc. He appreciated that GADVASU is taking lead in trying to learn this new field of science and also emphasised that the training of dogs should be taken up for disease detection in Veterinary Sciences.

## वैटनरी यूनिवर्सिटी ने शुरू की विशेष क्लासें

लुधियाना, 22 अक्टूबर (सलूजा): गुरु अंगद देव वैटनरी व एनिमल साइंसेज यूनिवर्सिटी लुधियाना द्वारा संस्था विकास योजना अधीन डेयरी साइंस व टैकनोलॉजी कॉलेज में अंडर ग्रेजुएट स्टूडेंट्स की विशेष शिक्षा क्लासें शुरू की गई है। ये विशेष क्लासें डा. इंद्रजीत सिंह उप कुलपति व संस्था विकास योजना के प्रभारी की अगुवाई में शुरू की गई हैं। डा. सिंह अनुसार क्लासें स्टूडेंट्स में बुनियादी विषयों की समझ बढ़ाने और ज्ञान व विषय प्रति पकड़ को मजबूत करने हेतु शुरू की गई हैं।

संस्था विकास योजना के मुख्य निरीक्षक व वैटनरी साइंस कॉलेज के डीन डा. सर्वप्रीत सिंह घुम्मन ने इन क्लासें को शुरू करने हेतु पूर्ण तौर पर सहयोग व प्रेरणा दी। डा. रमनीक

डीन डेयरी साइंस व टैकनोलॉजी कॉलेज ने कहा कि इन क्लासें को कोर्स भी स्टूडेंट्स की जरूरतों व दिलचस्पी को ध्यान में रखते हुए विशेष तौर पर तैयार किया गया है। इन क्लासें के संयोजक डा. तेजेंद्र सिंह राय ने जानकारी दी कि इन क्लासें की स्टूडेंट्स से कोई फीस या खर्च नहीं लिया जाएगा और छुट्टी के बाद और शनिवार को क्लासें लगाई जाएगी। डा. वरिंद्रपाल सिंह इंचार्ज संस्था विकास योजना डेयरी साइंस कॉलेज द्वारा चुने गए 6 अलग-अलग कोर्सों में स्टूडेंट्स को 25 घंटे की किताबी व प्रैक्टिकल शिक्षा दी जाएगी। हर 5 घंटे की शिक्षा के बाद उनके शिक्षा विकास के स्तर को जानने हेतु एक टैस्ट लिया जाएगा। इस टैस्ट के माध्यम से उनके ज्ञान स्तर पर विचार किया जाएगा।

## Vet Varsity starts remedial classes to cover academic deficiency during COVID-19



PUNJAB EXPRESS BUREAU  
Ludhiana, October 22

Under the umbrella of Institutional Development Plan (IDP) being operational in Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), College of Dairy Science and Technology has started remedial classes for the undergraduate students. These classes are being started under the dynamic and able guidance of Dr Inderjeet Singh, Vice Chancellor, GADVASU who is also the leader of the IDP.

According to him, these classes are required to raise the level of comprehension of basic subjects and strengthen the knowledge, skills and attitude in the subjects. Dr SPS Ghuman, Dean, College of Veterinary Science-cum-Principal Investigator.

#### 4. Photographs of activities: Attached in the last.

During this period (March 2021 to March 2022), a number of expert lectures, exposure visits, remedial classes involving experts from industries, academia and various entrepreneurs, were conducted for students. Also, some unique initiatives have been taken to motivate students like IDEATHON poster competitions etc.







December 10-11, 2021

# IDEATHON

at



National Symposium of Indian Society for Buffalo Development (ISBD)

on

Scientific Interventions to Address Challenges for Sustainable Buffalo Production



As per National Education Policy, a boost to entrepreneurship is the need of the hour.



For registration and other details, please refer to the brochure of "National Symposium of Indian Society for Buffalo Development (ISBD)" available at [www.idpgadvasu.in](http://www.idpgadvasu.in)

Think and present your idea on the following themes:

Theme I Physiology and Reproduction	Theme II Breeding and Genetics	Theme III Nutrition and Feed resources	Theme IV Health
Theme V Milk, Meat and their Value addition	Theme VI Management	Theme VII Biotechnology	Theme VIII Socioeconomic and Environmental Aspects



Novel and creative ideas are invited in the form of posters for the themes mentioned above from students and faculty members.



Awards for best ideas (in student and faculty categories)



For an queries email at [isbdgadvasu@gmail.com](mailto:isbdgadvasu@gmail.com)



## National Symposium of Indian Society for Buffalo Development (ISBD)

IDEATHON IS NOT JUST LIMITED TO BUFFALO SECTOR  
Present your ideas for upliftment of any species & breed

### IDEATHON

Poster Session  
On  
Dec 11, 2021

Faculty, Students, Entrepreneurs & Policy Framers related to Animal husbandry, Dairy, Fisheries, Wildlife, Animal Welfare, Health & Management including Pets

WHO CAN PARTICIPATE  
?????

- Research Findings
- Novel Ideas (can be supplemented with earlier works carried out)

WHAT CAN BE PRESENTED  
?????

Novel & creative ideas are invited in the form of posters from students & faculty members



Awards for best ideas (in student and faculty categories)














**Workshop on “The Food We Eat: Impact on Health and Environment”**




**NOHEP**

Dedicated to  
**Azadi Ka Amrit Mahotsav**  
75 Years of India's Independence







**Dr. A. K. Gahlot**  
Former Vice-Chancellor  
Rajasthan University of Veterinary &  
Animal Sciences, Bikaner

**About the speaker**

- Dr. A. K. Gahlot is the founder and first Vice-Chancellor of Rajasthan University of Veterinary and Animal Sciences (RAJUVAS).
- Dr. Gahlot is a visionary personality and acted as standing expert and inspector of Veterinary Council of India, member of Rajasthan State Veterinary Council, Rajasthan Livestock Development Board and State's Technical Committees.
- He has been nominated as Expert by ICAR on Research Committees of National Research Centers on Equines, Sheep & Wool and Camel.
- Dr. Gahlot is the first in the country to successfully implement PPP model in veterinary education
- He has initiated massive animal disease control training programme for vets and para-vets.

**IDP Cell organizes**

**Guest Lecture**  
on  
*“Veterinary Jurisprudence-  
Understanding duties and  
Alleviating fears”*

**Venue: Seminar Room, First Floor, MSVH, GADVASU**

**Date: 04.02.2022**  
**Time: 3.00PM onwards**

**Coordinators**

- **Dr. S.S. Randhawa**  
Director of Clinics  
GADVASU
- **Dr. Raj Sukhbir Singh**  
Professor  
TVCC, GADVASU





## 'Antimicrobials: Handle with Care'

### Guest Speakers

**Dr. Pallab Ray** (Prof. Internal Medicine  
PGIMER, Chandigarh)  
Topic: **"Microbe, Man and AMR"**  
Date: **18-11-2021**

**Dr. Manisha Biswal** (Prof. Internal  
Medicine PGIMER, Chandigarh)  
Topic: **"Basics on Infection Control and  
Prevention"**  
Date: **18-11-2021**

**Dr. Neelam Taneja** (Prof. Internal  
Medicine PGIMER, Chandigarh)  
Topic: **"ESBL Classification, Types  
Detection and Clinical Significance."**  
Date: **23-11-2021**

**Venue- Committee Room Centre for  
One Health, GADVASU, Ludhiana**

Entries are invited for Quiz Competition and  
E-poster Competition. All the participants  
and winners will be awarded with  
certificates. Last date of registration is 17-  
11-2021.

To register please click the link below  
<https://forms.gle/hLGtjPLjVRhwjXMg8>



"आज़ादी का अमृत महोत्सव"  
"Azadi Ka Amrit Mahotsav"

## World Antimicrobial Awareness Week

**November 18 - 24, 2021**



Center for One Health  
Guru Angad Dev Veterinary and Animal  
Sciences University  
invites you in observing  
**"World Antimicrobial Awareness  
Week"** from **November 18 -24, 2021**  
under the theme **" Spread Awareness,  
Stop Resistance"**



**Chief Patron**  
**Dr. Inderjeet Singh**  
(Vice Chancellor GADVASU)

**Patron**  
**Dr. S.P.S. Ghuman**  
(Dean, COVS, GADVASU)

**Coordinator :**  
**Dr. J.S. Bedi Director,**  
**Centre for One Health (COH)**

**Organizing secretary :**  
**Dr. Randhir Singh (COH),**  
**Dr. Simranpreet Kaur (COH)**

**Co-organizing secretary :**  
**Dr. Harsh Panwar (CODST),**  
**Dr. Pankaj Dhaka, (COH)**  
**Dr. Rajnish Sharma (COH)**  
**Dr. Ravneet Kaur (COH)**

**Organized by:**  
Centre for One Health,  
Guru Angad Dev Veterinary and Animal  
Sciences University, Ludhiana, Punjab.  
**Under the project**  
**ICAR- Institutional Development Plan-  
National Agricultural Higher Education Project  
(IDP-NAHEP)**





Dedicated to Azadi Ka Amrit Mahotsav  
75 Years of India's Independence



**Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab**



**IDP Cell  
organizes  
National Webinar**

**Coordinator**

• **Dr. L.D.Singla**  
Director, HRMC,  
GADVASU

**Organizing Secretary**

• **Dr. Paramjit Kaur**  
Associate Professor  
GADVASU  
• **Dr. Nitin Dev Singh**  
Associate Professor  
GADVASU



**DR VENUS BANSAL**

**MBS, MS (Obst and Gynae), FOCG, FICMCH**  
Senior Consultant Obstetrics and Gynaecology

About the Speaker:

- ✓ Field of interest- High Risk Pregnancy, Obst Critical Care, minimally invasive laparoscopic surgery.
- ✓ Organized workshops on laparoscopy skills, Obstetrics Emergency Preparedness, Safe Transportation of pregnant patient, High Risk pregnancy.
- ✓ Published in National and International Journals on Eclampsia, Scar Pregnancy, Placenta Praevia, Cornual pregnancy
- ✓ Represented Ludhiana at National and International levels at Asia Pacific, Zonal Yuva FOGSI, AICOG, Gestosis, International Critical care conferences, DGES.
- ✓ Socially active for the awareness programs like 'Save the uterus', PCOS, Breast and cervical Cancers prevention, menopausal health.
- ✓ Awarded as "Woman of Substance" by IMA, Ludhiana, Punjab.
- ✓ Life member : Society of Fetal Medicine, Indian Menopausal Society, Indian Fertility Society, National Association of Reproductive and Child Health of India, Indian Association of Gynaecological Endoscopists, Federation of Obst and Gyn of India.



**on**

**Common Health Concerns of Women:  
Our health - Our Responsibility**

**on**

**10<sup>th</sup> November, 2021  
(2:30 - 4:00 PM)**

**Venue: Seminar Hall  
First Floor,  
Multi Speciality  
Veterinary Hospital,  
GADVASU**



