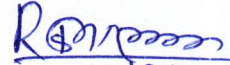


भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
कृषि शिक्षा प्रभाग-प्रत्यायन बोर्ड
AGRICULTURAL EDUCATION DIVISION-ACCREDITATION BOARD
कृषि अनुसन्धान भवन-II, पूसा, नई दिल्ली-110012
KRISHI ANUSANDHAN BHAWAN-II, PUSA, NEW DELHI-110012

महोदय / महोदया

भारतीय कृषि अनुसंधान परिषद के कृषि शिक्षा प्रभाग-प्रत्यायन बोर्ड के पत्र संख्या-
1/8/2024/EQAR/Edn. Accre. दिनांक 12 जुलाई, 2024 आपके अवलोकन एवं कार्यवाही हेतु अग्रेषित
किया जा रहा है।

भवदीय


12/7/2024
(राजेश कुमार झा)

उप-सचिव (कृषि शिक्षा)



भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH

कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली-110012

Krishi Anusandhan Bhawan-II, Pusa, New Delhi - 110 012

Website: www.icar.gov.in

F. No.1/8/2024-EQAR/Edn. Accre.

Dated: 12 July, 2024

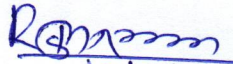
Notification

As per the decision of the National Agricultural Education Accreditation Board taken in its 36th meeting held on 20th June, 2024, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana has been granted accreditation for a period of five years with effect from 01/04/2023 to 31/03/2028. The details of Colleges/Programmes approved for accreditation are enclosed as Annexure I.

Further, the University/College needs to abide by the following requirements during the entire period of accreditation.

1. Self-Study Reports of all accredited programmes should be uploaded on University website with intimation of necessary link immediately.
2. University/College should annually upload intake data of students in all accredited degree programme(s), College-wise faculty positions on its website for information of stakeholders.
3. Student intake capacity of the accredited UG/PG/PhD degree programme(s) must be maintained during the accreditation period. Any increase in the student intake capacity during accreditation period without permission of the NAEAB will be liable to cancel the accreditation.
4. Strength of faculty/technical /supporting staff as listed in latest year of Self-Study Reports must be maintained by the university/college/programme.
5. Annual mid-term review will be conducted on actionable points (Annexure-II). The University/College is required to address the observations on actionable points in a time bound manner and submit Action Taken Report accordingly.

Yours faithfully,


(Rajesh Kumar Jha)

Dy. Secy. (Agril Edn. & NAHEP)

Encl: As Above

Copy to:

1. The Registrar, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Email- registrar@gadvasu.in
2. The Chief Secretary, Government of Punjab, Email: cs@punjab.gov.in
3. The Principal Secretary Agriculture, Government of Punjab, Email: secy.agri@punjab.gov.in
4. PSO to Secretary, DARE & DG, ICAR, Krishi Bhawan, New Delhi-01 for kind information.
5. PPS to DDG, Agril Edn, KAB-II, Pusa Campus, New Delhi-12, for kind information.
6. Concerned file/Guard file

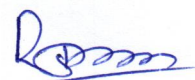
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

1. Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana was approved for accreditation for a period of five years w.e.f. 01/04/2023 to 31/03/2028 with Overall Score of 3.37/4.00 equivalent to Grade A.
2. College-wise UG/PG/Ph.D. Programmes approved for accreditation along with university.

A. College of Veterinary Sciences, Ludhiana

- B. V. Sc. & AH
- M. V. Sc. Animal Genetics & Breeding
- M. V. Sc. Animal Nutrition
- M. V. Sc. Animal Reproduction, Gynaecology and Obstetrics
- M. V. Sc. Livestock Production & Management
- M. V. Sc. Livestock Products Technology
- M. V. Sc. Veterinary Anatomy
- M. V. Sc. Veterinary Biochemistry
- M. V. Sc. Veterinary Extension Education
- M. V. Sc. Veterinary Medicine
- M. V. Sc. Veterinary Microbiology
- M. V. Sc. Veterinary Parasitology
- M. V. Sc. Veterinary Pathology
- M. V. Sc. Veterinary Pharmacology & Toxicology
- M. V. Sc. Veterinary Physiology
- M. V. Sc. Veterinary Public Health and Epidemiology
- M. V. Sc. Veterinary Surgery & Radiology
- Ph. D. Animal Genetics & Breeding
- Ph. D. Animal Nutrition
- Ph. D. Animal Reproduction, Gynaecology and Obstetrics
- Ph. D. Livestock Production & Management
- Ph. D. Livestock Products Technology
- Ph. D. Veterinary Anatomy
- Ph. D. Veterinary Biochemistry
- Ph. D. Veterinary Extension Education
- Ph. D. Veterinary Medicine
- Ph. D. Veterinary Microbiology
- Ph. D. Veterinary Parasitology
- Ph. D. Veterinary Pathology
- Ph. D. Veterinary Pharmacology & Toxicology
- Ph. D. Veterinary Public Health and Epidemiology
- Ph. D. Veterinary Surgery & Radiology

B. College of Fisheries, Ludhiana



- B. F. Sc.
- M. F. Sc. Aquaculture
- M. F. Sc. Aquatic Environmental Management
- Ph.D. Aquaculture
- Ph.D. Aquatic Environmental Management

C. College of Dairy Sciences & Technology, Ludhiana

- B. Tech (Dairy Technology)
- M. Tech Dairy Chemistry
- M. Tech Dairy Engineering
- M. Tech Dairy Microbiology
- M. Tech Dairy Technology
- Ph. D. Dairy Microbiology
- Ph. D. Dairy Technology
- Ph. D. Agricultural Economics

D. B. Tech Biotechnology Programme in College of Animal Biotechnology, Ludhiana

3. Following Programmes were not approved for accreditation. The reason for non-accreditation is mentioned for each Programme.

S. No.	College and degree Programmes	Reason for non-accreditation
1.	PhD Veterinary Physiology	There was no PhD student during the period under report
2.	PhD Dairy Engineering	There was no PhD student during the period under report
3.	M. Sc. (Ag.) Molecular Biology & Biotchnology	Not considered for accreditation for the reasons that students admitted during assessment period were either in MSc-Molecular Biology and Biotechnology with specialization in Animal Biotechnology or MSc Molecular Biology and Biotechnology; both of which are not BSMA compliant. As per LoI, GADVASU has applied for accreditation of MSc (Agri.) Molecular Biology and Biotechnology (a plant Science discipline); but students admitted were not as per essential eligibility qualification for the program.
4.	MVSc Veterinary Biotechnology	Not considered for accreditation for the reasons that no students with essential qualification for M. V. Sc. (vety. Biotechnology) was admitted in the program at

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		College of Animal Biotechnology, after 2018-19.
5.	Ph.D Molecular Biology and Biotechnology	Not considered for accreditation for the reasons that PhD-Molecular Biology and Biotechnology is a BSMA compliant discipline under Plant Sciences and have essential eligibility qualification for admission as MSc (Ag) in Agricultural Biotechnology / Molecular Biology & Biotechnology. Students admitted during the period under review were for PhD in Animal Biotechnology or PhD in Biotechnology; which are not under the preview of BSMA/ICAR
6.	Ph.D. Veterinary Biotechnology	Not considered for accreditation for the reasons that no student passed out during the assessment period; who had been admitted in the program (PhD in Vety. Biotechnology) as per ICAR's essential eligibility / qualification criteria. Further, first batch is yet to pass out after change of nomenclature of the program as per BSMA

4. College of Animal Biotechnology, Ludhiana was not approved for accreditation as its 50% Programmes were not eligible for accreditation.
5. The accreditation of following Programmes in their respective colleges were put on hold. As per decision of the board, a letter will be sent to the University for nomenclature of the programme and accordingly, the University should submit revised nomenclature for the following programmes and communicate the decision of Academic Council/ BoM/ EC following BSMA recommendations.

A. College of Fisheries, Ludhiana

- M. F. Sc. Fish Resource Management
- Ph.D. Fish Resource Management

B. College of Dairy Sciences & Technology, Ludhiana

- If GADVASU agrees to award degree as per ICAR nomenclature recommended by BSMA as M. Sc. (Agri.) Agricultural Economics, and submits the approval of Academic Council, it may be considered for accreditation.

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Proforma for Assessment of the College of Veterinary Science

Criteria	Key Aspects		Assessment of the Peer Review Team (Maximum three points)
1. College Administration	i	Dean's Office Establishment	<ul style="list-style-type: none"> The Dean's office is of optimum size and has a committee room (30 seat capacity) and office comprising of 02 big rooms (10ft X 17.3ft each) adequately staffed with administrative and support personnel. The Deans Office is equipped with all necessary infrastructures, CCTV, wifi connectivity and Audio-visual set up for day to day working and monitoring of the activity inside the campus. It meets the requirement as per MSVE, 2016 of VCI. The space and infrastructure amenities meet approved standards. A centralized Administrative office, catering to the procurement and other departmental activities, operated under the Dean's supervision till 2020, thereafter, purchases are decentralized at the department level.
	ii	Monitoring Mechanism (on-line)	<ul style="list-style-type: none"> Both online and offline monitoring mechanisms exist in the college campus. Additionally, college employs a well-organized internal quality assessment system for planning, guiding, and monitoring of its activities, The college has Academic Affairs Committee and Board of Studies to oversee its academic matters. The student advisory system tracks an individual student performance of both undergraduate and postgraduate students. Research and Extension Committees are in place to supervise faculty research and extension activities under the supervision of the Director of Research and the Director of Extension Education, respectively.
	iii	CC/Board of studies/Academic Council	<ul style="list-style-type: none"> The Board of Studies (BoS) exists in the college and is chaired by the Dean, consists of all Heads of Departments, secretaries of other faculty BoS. The BoS meetings are convened regularly to address academic issues and recommendations made are subjected to approval of the Academic Council.
	iv	Anti-Ragging Cell	<ul style="list-style-type: none"> Anti-Ragging Cell of the College includes an Anti-Ragging Committee and Anti-Ragging Squad. Both the committees and squad has a chairman and 15 members each. It is mandatory for the students and their parents to submit an undertaking, at the time of admission, pledging not to engage in ragging. Regular campaigns are undertaken by the college to sensitize students about the detrimental effects of ragging and punitive legal repercussions. Further, anti-ragging posters have been displayed at all common places of the campus for the information and sensitization of the students.
	v	Biological Waste Disposal	<ul style="list-style-type: none"> Biological waste disposal in the college campus is

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		Facility	<p>as per the Ministry of Environment, Forest, and Climate Change's guidelines.</p> <ul style="list-style-type: none"> • Containers designated for waste disposal as per color code are placed strategically throughout the premises and the waste is disposed by the approved agency. • Posters and placards for the disposal of biomedical waste are also displayed throughout the campus.
	vi	Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> • Institutional Animal Ethics Committee exists in the College / University and all experiments involving animals are subject to its supervision and approval. • College maintains an in-house animal facility equipped for both large and small animals, which undergoes regular inspections by the committee.
	vii	Committee for Prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> • A task force for women's safety and security issues is available at the university level and has tenure of 03 years. • This task force regularly organizes sensitization campaigns and seminars and talks about the issue in the campus. • Posters, placards and grievance/suggestions boxes have been placed in all common areas for the information and sensitization of all.
2. Faculty	i	Faculty Strength	<ul style="list-style-type: none"> • College has a sanctioned strength of 224, of which 132 are filled and 92 are vacant. • Filled faculty includes 61 Professors, 19 Associate Professors and 52 Assistant Professors and is fulfilling the requirement as per MVSE-2016 norms of VCI. • Faculty is much diversified with 56% being non domicile and 27% are females.
	ii	Faculty Profile (department wise)	<ul style="list-style-type: none"> • All departments have Professors, Associate Professors and Assistant Professors as per the norms for teaching and research purpose. • About 59% faculties have experience of more than 15 years. • More than 50% of the faculty is trained overseas.
	iii	Credentials of the Faculty	<ul style="list-style-type: none"> • All departments have well qualified and trained faculty with 92% having PhD. • Faculty secured 73 extramural research projects from various funding agencies during the assessment period. • College faculty authored/published 946 research articles with NAAS ratings, which received recognition both nationally and internationally. In addition, numerous extension publications, manuals, books, or book chapters were also published.

	iv	Technical Staff and Other Supporting Staff	<ul style="list-style-type: none"> The college has sanctioned strength of 488 for administrative, Ministerial, Technical and supporting staff. Of this, 154 are in position on regular basis, whereas, 331 are on contract / DPL basis. Technical, administrative and supporting Staff are sufficient for smooth operations of the college.
3. Learning Resources	i	College Library (digital)	<ul style="list-style-type: none"> Department level libraries exist in almost all departments for ready reference and teaching purpose. All departmental libraries are well-equipped with computers and internet connectivity for faculty and students. Students can access the digital resources in Central library through Computers. The computer Laboratory has 50 terminals and internet connectivity. The entire campus is wi-fi enabled.
	ii	Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has 117 well equipped laboratories. Instructional farms and Veterinary clinics for Teaching, practical and research purpose. Instructional farms of cattle, buffaloes, horses, pigs, goats and poultry have population as per MSVE-2016 requirement of VCI. A multi-specialty referral veterinary hospital offers services for both large and small animals.
	iii	Student Ready / In-plant training / Internship/ Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> Presently, college has five experiential learning projects. The ELP modules in veterinary clinics (03Nos.) focus mainly on hands-on training and do not generate income for students. ELP modules (02Nos) in LPM and LPT are working on profit sharing basis. B.V.Sc. & A.H. program students undergo a compulsory rotational internship of one year in various departments of the college, state veterinary institutes/ hospitals and veterinary colleges of other states in the areas of animal production, technology, diagnostic laboratories and clinical practice.
	iv	Curricula Delivery Through IT (like smart Classrooms / Interactive Boards etc.)	<ul style="list-style-type: none"> College has 07 smart classrooms equipped with latest technologies including interactive boards/touch LEDs. Overhead projectors have been installed in all classrooms for making teaching-learning more effective. University YouTube Channel has developed more than 200 videos for learning. Video-conferencing, whatsapp and email groups are available in the college for curricula delivery.
4. Student Development	i	Student Intake and Attrition for Last Five Years	<ul style="list-style-type: none"> During assessment period a total of 513 students were admitted in UG program. The attrition rate is about 2% (11No.). In Master's program, 482 students were admitted with attrition of 9% (45Nos.); while, in Ph.D 134 students were admitted with attrition of 13% (18Nos.)
	ii	Average Number of Students in	<ul style="list-style-type: none"> In UG program each practical batch comprises of 16-25 students.

		Theory and Practical Classes	<ul style="list-style-type: none"> In PG programs, each batch comprises of 2-15 students for theory and practical. In PhD program, each batch has 1-7 students in theory and practical.
	iii	Admission Process	<ul style="list-style-type: none"> College admits Punjab resident students on the basis of merit in NEET (UG) Rank/Score followed by 10+2 in medical stream. Students (15% All India Quota of VCI) are also admitted on the basis of NEET (UG) Rank/ Score. NRI students are admitted on basis of merit obtained in qualifying exam. Master's Program - Merit in ICAR AIEEA-PG exam, Ph.D. Merit based on weightage of 80% for marks obtained in qualifying exam and 20% for interview
	iv	Conduct of Practical & Hands-on-Training	<ul style="list-style-type: none"> Established laboratories equipped with state-of-the-art equipments for hands-on practical training are available. Excellent facilities are available for training in farms, instructional units and clinics. Five ELPs are running in the college for training and learning purpose. The students are provided with practical manual for each practical course. Student educational tours are undertaken to other institutions and farms for hands on training.
	v	Examination and Evaluation Process	<ul style="list-style-type: none"> Examination process and evaluation of UG students is as per MSVE (VCI) and PG programs as per BSMA (ICAR) guidelines.
	vi	NSS/NCC/RVC Units	<ul style="list-style-type: none"> Participation and training at the RVC unit is mandatory for 1st and 2nd year undergraduate students. Students have consistently demonstrated excellence at Republic Day Parades.
	vii	Language Laboratory	<ul style="list-style-type: none"> College has a well-established language laboratory for enhancing the communication skills of the students. Technical Writing and Communication Skills is a compulsory non-credit course for postgraduate students of the college.
	viii	Cultural Centre	<ul style="list-style-type: none"> Centralized Cultural Center is available to the students to nurture their talents in theatre, fine arts, music, and dance.
	ix	Personality Development	<ul style="list-style-type: none"> Central Placement Cell organizes special classes and motivational lectures for enhancing the personality of the students. Educational tours and international student exchange programs also contribute in fostering confidence and personality development among students.
5. Physical Facilities	i	Hostel (both boys and girls) and its Amenities	<ul style="list-style-type: none"> Separate accommodations / hostels are available for boys (04) and girls (03) at the university level. Dormitories, cubicles and shared rooms as per preference and affordability are allotted to the students. Additional mega hostel (G+8) for the students is near completion in the campus with 162 rooms with attached washrooms. The hostels have essential amenities like common rooms with TV, indoor games, RO systems for

			drinking water and water cooler for the benefit of resident students.
	ii	Examination Halls	<ul style="list-style-type: none"> The college has two central examination halls with a seating capacity of 500, equipped with ACs/air coolers and CCTV surveillance.
	iii	Sports and Recreation Facilities	<ul style="list-style-type: none"> All hostels have sufficient indoor sports facilities, including basketball and volleyball. The outdoor sports facilities are shared with P.A.U. on MOU basis.
	iv	Auditorium	<ul style="list-style-type: none"> An auditorium with a seating capacity of 200 is available.
	v	Exhibition Hall/Museum	<ul style="list-style-type: none"> Departments have museums/ exhibition halls relevant to their scope and subject(s).
6. Research Facilities	i	PG laboratories and Equipment	<ul style="list-style-type: none"> Each department has well-equipped laboratories to facilitate research and academic development. The college also has four centralized laboratories with free accessibility to all students / researcher.
	ii	Research contingency	<ul style="list-style-type: none"> Research contingencies totaling over Rs.8985 lakhs from ICAR, DBT, DST, ICMR, UGC, CSIR, and state agencies was received by the College during the period under assessment.
7. Outcome/ Output	i	Student Performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> During assessment period, the number of students who qualified NTS (UG), NTS (PG), PG Scholarship and JRF was 41, 186, 21 and 16, respectively. Additionally, 02 students were qualified the ARS/UGC NET and 78 qualified ASRB NET.
	ii	Students' Placement Profile	<ul style="list-style-type: none"> During the assessment period, a total of 781 UG students passed out and all were placed in CAU/SAU, Central Govt., State Govt and Cooperatives, Overseas and in private sectors.
	iii	Awards/ Recognition / Certificates	<ul style="list-style-type: none"> Faculty members received about 234 National and 11 International Awards. Students have also received 101 National and 04 International Awards during assessment period.
	iv	Employability	<ul style="list-style-type: none"> Overall employability is almost 100%.

Proforma for Assessment of programme
(B. V. Sc. and A. H.)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	• The teaching faculty (132), technical (154) and supporting staff (331) for the program as per MSVE-2016 norms is in place.
	2. Technical and Supporting staff (as per ICAR guidelines)	• Laboratories including instructional farms and clinics (117) are modular and well equipped. Smart classrooms (07) and lecture rooms are available as per requirement. The monitoring mechanism comprises of periodic assessment/evaluation of the faculty on a point scale through regular feedback from the students.
	3. Class rooms and laboratory (as per ICAR guidelines)	• Practical classes are well planned and demonstrated meticulously. UG Students get sufficient hands-on-training experience in basic and applied aspects. ELP units (05) are available for imparting the hands on training and learning.
	4. Conduct of Practical and Hands-on-Training	• The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes.
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	• The student intake is 100% with an average attrition < 4% for the UG program
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	• Various ICT tools are being used for effective UG teaching and curricula delivery..
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Animal Genetics & Breeding)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Animal Genetics and Breeding Nutrition has a faculty of 05 (01 Professor + 01 Associate Professor + 03 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • Department has classroom with seating capacity of 25 and 02 labs fully equipped with modern equipment for research on molecular and Biotechnological aspects. Further, instructional farms of various livestock species are also available for data and quantitative genetics research. • Master's guidance by the faculty is as per prescribed norms and a total of 19 students have passed out and 01 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 22 with attrition of 03 for the PG program • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Animal Nutrition)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Animal Nutrition has a faculty of 08 (03 Professor + 01 Associate Professor + 03 Assistant Professor + 01 Adjunct faculty) and adequately supported by Technical and supporting staff for teaching and research. • Department has classroom with seating capacity of 30 and 08 labs fully equipped with modern equipment for research on nutritional and feed formulation aspects. Further, experimental house with metabolic cages, feed mill, pellet making machine are available from research perspective. • Master's guidance by the faculty is as per prescribed norms and a total of 42 students have passed out and 03 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 51 with attrition of 06 for the PG program • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Animal Reproduction, Gynaecology and Obstetrics)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The nomenclature of the program has been modified and approved as per BSMA nomenclature during 73rd meeting of the Academic Council of GADVSU on 07-12-2022. • The Department has a faculty of 13 (07 Professor + 06 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • The Department has classroom cum committee room with seating capacity of 50 and 11 labs equipped with equipment for research on reproductive aspects. Further, the Department uses the facilities of Directorate of Livestock farm for research purpose. • Master's guidance by the faculty is as per prescribed norms and a total of 34 students have passed out and 17 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 54 with attrition of 03 during the period under report. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Livestock Production Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of LPM has a faculty of 05 (02 Professor + 01 Associate Professor + 02 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research activities. • Department has classroom and seminar cum discussion room with a seating capacity of 40 and 20, respectively. It has 05 labs fully equipped with modern equipment for research on livestock production and management aspects. Further, the Department uses facilities of Poultry farm and Livestock farms for research needs. • Master's guidance by the faculty is as per prescribed norms and a total of 14 students have passed out and 04 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 18 with no attrition in the program for the period under report. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Livestock Products Technology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of LPT has a faculty of 06 (01 Professor + 01 Associate Professor + 04 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • Department has a classroom cum seminar hall with seating capacity of 100. In addition, the Department has 06 labs fully equipped with modern equipment for research on livestock products. Further, the Department uses the facilities of Poultry farm and Livestock farms for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 16 students have passed out and 04 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 22 with attrition of 02 for the last 5 years. • Various ICT tools are being employed for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Anatomy)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)	
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Anatomy has a faculty of 06 (04 Professor + 01 Associate Professor + 01 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • The Department has classroom with a seating capacity of 30 and 05 labs fully equipped with modern equipment for research on anatomical aspects. Further, the Department uses facilities of Poultry farm and Livestock farms for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 06 students have passed out and 04 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly perused to improve the learning outcomes. • The student intake is 10 with no attrition for the program • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Biochemistry)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Biochemistry has a faculty of 8 (02 Professor + 02 Associate Professor + 04 Assistant Professor) combined with Veterinary Physiology and adequately supported by Technical and supporting staff for teaching and research. • The Department has 01 classroom and 01 seminar room with a seating capacity of 20 each and 05 labs fully equipped with modern equipment for research on physiological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms of the college for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 06 students have passed out. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the teaching-learning outcomes. • The student intake is 07 with attrition of 01 for the program during the reporting period. • Various ICT tools are used effective in PG teaching, research and curricula delivery.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Extension Education)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The nomenclature of the program has been modified and approved as per BSMA nomenclature during 73rd meeting of the Academic Council of GADVSU on 07-12-2022.
	2. Technical and Supporting staff (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has a faculty of 06 (02 Professor + 02 Associate Professor + 02 Assistant Professor and adequately supported by Technical and supporting staff for teaching and research.
	3. Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has a classroom with seating capacity of 30 and 01 lab equipped with equipment for research on extension aspects. Further, the Department uses the facilities of Directorate of Extension Education.
	4. Conduct of Practical and Hands-on-Training	<ul style="list-style-type: none"> • Master's guidance by the faculty is as per prescribed norms and a total of 19 students have passed out and 04 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes.
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The student intake is 25 with attrition of 02 for the program
	7. Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Medicine)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Medicine has a faculty of 14 (09 Professor + 01 Associate Professor + 04 Assistant Professor) and adequately supported by Technical and supporting staff for undertaking teaching and research. • The Department has classroom and seminar rooms with seating capacity of 25 each and 10 labs fully equipped with modern equipments for research on clinical and diagnostic aspects. Further, the Department uses facilities of Poultry farm and Livestock farms for meeting its research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 47 students have passed out and 15 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake was 67 with attrition of 05 during the period under report. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Microbiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Microbiology has a faculty of 09 (03 Professor + 03 Associate Professor + 02 Assistant Professor + 01 adjunct faculty) and adequately supported by both Technical and supporting staff for teaching and research. • The Department has a classroom and a seminar room with seating capacity of 20 and 30, respectively and have 06 labs fully equipped with state of art equipments for research on microbiological and immunological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 31 students have passed out and 13 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly considered to improve the learning outcomes. • The student intake is 44 with no attrition for the program • Various ICT tools are being effectively employed for PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Parasitology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Parasitology has a faculty strength of 08 (04 Professor + 01 Associate Professor + 02 Assistant Professor + 01 adjunct faculty) and is supported by Technical and supporting staff for teaching and research as required. • The Department has 01 classroom cum seminar hall with seating capacity of 20 and have 02 labs fully equipped with modern equipment for research on parasitological aspects. Further, the Department is also accessible to the facilities of Poultry farm and Livestock farms for research activities. • Master's guidance by the faculty is as per prescribed norms and a total of 09 students have passed out and 02 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers are sought periodically to improve the teaching-learning outcomes. • The student intake is 13 with attrition of 02 for the program during the period. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Pathology)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Pathology has a faculty size of 10 (05 Professor + 01 Associate Professor + 02 Assistant Professor + 02 Adjunct faculty) and adequately supported by Technical and supporting staff for teaching and research. • The Department has 01 classroom and 01 seminar hall with a seating capacity of 25 each and 05 labs fully equipped with ultra modern equipment for research on pathological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 31 students have passed out and 01 is pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers are considered to improve the learning outcomes. • The student intake is 35 with attrition of 03 during the assessment period. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. V. Sc. Veterinary Pharmacology and Toxicology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Pharmacology & Toxicology has a faculty of 08 (04 Professor + 01 Associate Professor + 03 Assistant Professor) with adequately supported Technical and supporting staff for teaching and research activities.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has 01 classroom cum seminar hall with seating capacity of 20 and 05 labs fully equipped with modern equipment for research on pharmacological and toxicological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate.
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • Master's guidance by the faculty is as per prescribed norms and a total of 16 students have passed out and 03 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from students, parents, industries, employee and farmers is periodically taken to improve the learning outcomes.
	7.	Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 21 with attrition of 02 during the last 5 years.
	8.	ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PG teaching, research and curricula delivery.

Proforma for Assessment of programme
(M. V. Sc. Veterinary Physiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Physiology has a faculty of 8 (02 Professor + 02 Associate Professor + 04 Assistant Professor) combined with Veterinary Biochemistry and adequately supported by the Technical and supporting staff for teaching and research mandates.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has 01 classroom and 01 seminar room with seating capacity of 20 each and 05 labs fully equipped with modern equipment for research on physiological related aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate.
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • Master's guidance by the faculty is as per prescribed norms and a total of 04 students have passed out. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from the students, parents, industries, employee and farmers is taken to review and improve the learning outcomes.
	7.	Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 06 with attrition of 02 for the program during the period.
	8.	ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PG teaching, research and curricula delivery.

Proforma for Assessment of programme
(M. V. Sc. Veterinary Public Health and Epidemiology)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Public Health and Epidemiology has a faculty of 10 (05 Professor + 01 Associate Professor + 04 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has 01 classroom and 01 seminar hall with seating capacity of 25 and 65, respectively and has 05 labs fully equipped with modern equipment for research on public health and epidemiological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for its research mandate.
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • Master's guidance by the faculty is as per prescribed norms and a total of 18 students have passed out and 08 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from the students, parents, industries, employee and farmers is regularly used to improve the learning outcomes.
	7. Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 26 with no attrition for the program during the report period
	8. ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PG teaching, research and curricula delivery.

Proforma for Assessment of programme
(M. V. Sc. Veterinary Surgery & Radiology)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines).	<ul style="list-style-type: none"> • The Department of Veterinary Surgery and Radiology has a faculty of 14 (08 Professor + 01 Associate Professor + 05 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research activities. • The Department has 01 seminar room and 01 committee room with seating capacity of 70 and 30, respectively and 18 labs fully equipped with modern equipment for research on veterinary surgery and radiology. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • Master's guidance by the faculty is as per prescribed norms and a total of 51 students have passed out. and 05 are pursuing. PG faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from the students, parents, industries, employee and farmers is regularly received to improve the learning outcomes. • The student intake is 58 with attrition of 02 for the program during last 05 years. • Various ICT tools are being used for effective PG teaching, research and curricula delivery.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Animal Genetics & Breeding)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Animal Genetics and Breeding Nutrition has a faculty of 05 (01 Professor + 01 Associate Professor + 03 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • Department has classroom with seating capacity of 25 and 02 labs fully equipped with modern equipment for research on molecular and Biotechnological aspects. Further, instructional farms of various livestock species are also available for data and quantitative genetics research. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 03 students have passed out.. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 06 with attrition of 03 for the PhD program • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Animal Nutrition)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Animal Nutrition has a faculty of 08 (03 Professor + 01 Associate Professor + 03 Assistant Professor + 01 Adjunct faculty) and adequately supported by Technical and supporting staff for teaching and research. • Department has classroom with seating capacity of 30 and 08 labs fully equipped with modern equipment for research on nutritional and feed formulation aspects. Further, experimental house with metabolic cages, feed mill, pellet making machine are available from research perspective. • Ph.D. guidance by the faculty is as per prescribed norms and 01 student has passed out. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 03 with attrition of 02 for the PhD program • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Animal Reproduction, Gynaecology and Obstetrics)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The nomenclature of the program has been modified and approved as per BSMA nomenclature during 73rd meeting of the Academic Council of GADVSU on 07-12-2022. • The Department has a faculty of 13 (07 Professor + 06 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research activities. • The Department has classroom cum committee room with seating capacity of 50 and 11 labs equipped with equipment for research on reproductive aspects. Further, the Department uses the facilities of Directorate of Livestock farm for research purpose. • The Ph.D. guidance by the faculty is as per prescribed norms and a total of 03 students have passed out and 06 are pursuing. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from the students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 12 with attrition of 03 for the program for the period under report. • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Livestock Production Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of LPM has a faculty of 05 (02 Professor + 01 Associate Professor + 02 Assistant Professor) and adequately supported by the Technical and supporting staff for teaching and research activities.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has a classroom and a seminar cum discussion room with seating capacity of 40 and 20, respectively. It has 05 labs fully equipped with modern equipments for the research on livestock production and management.. Further, the Department uses facilities of Poultry farm and Livestock farms for research mandates.
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • PhD guidance by the faculty is as per prescribed norms and a total of 04 students are pursuing their PhD. The faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from the students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes periodically.
	7.	Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 04 with no attrition for the program during the program under report.
	8.	ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.

Proforma for Assessment of programme
(Ph.D. Livestock Products Technology)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	• The Department of LPT has a faculty of 06 (01 Professor + 01 Associate Professor + 04 Assistant Professor and adequately supported by the Technical and supporting staff for teaching and research.
	2. Technical and Supporting staff (as per ICAR guidelines)	• The Department has classroom cum seminar hall with seating capacity of 100. In addition, the Department has 06 labs fully equipped with modern equipment for research on livestock products. Further, the Department uses facilities of Poultry farm and Livestock farms for its research mandates.
	3. Class rooms and laboratory (as per ICAR guidelines)	• PhD guidance by the faculty is as per prescribed norms and a total of 02 students have passed out and 07 are pursuing. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	4. Conduct of Practical and Hands-on-Training	• The feedback from the students, parents, industries, employee and farmers is regularly taken to improve the teaching-learning outcomes.
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	• The student intake is 12 with attrition of 03 for the program during the period.
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	• Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Anatomy)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Anatomy has a faculty of 06 (04 Professor + 01 Associate Professor + 01 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • The Department has classroom with seating capacity of 30 and 05 labs fully equipped with modern equipment for research on anatomical aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • PhD guidance by the faculty is as per prescribed norms and a total of 04 students have passed out and 01 is pursuing. The faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from the students, parents, industries, employee and farmers is regularly invited to improve the learning outcomes. • The student intake is 05 with no attrition for the program during the period under report. • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Biochemistry)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Biochemistry has a faculty of 8 (02 Professor + 02 Associate Professor + 04 Assistant Professor) combined with Veterinary Physiology and adequately supported by Technical and supporting staff for teaching and research work. • The Department has 01 classroom and 01 seminar room with a seating capacity of 20 each and 05 labs fully equipped with required equipments for research on biochemistry aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research work. • PhD guidance by the faculty is as per prescribed norms and a total of 02 students have passed out. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The impressions of the students, parents, industries, employee and farmers are regularly taken to improve the learning outcomes. • The student intake is 02 with no attrition for the program during the period. • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Extension Education)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The nomenclature of the program has been modified and approved as per BSMA nomenclature during 73rd meeting of the Academic Council of GADVSU on 07-12-2022.
	2.	Technical and Supporting staff (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has a faculty of 06 (02 Professor + 02 Associate Professor + 02 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research activities.
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	<ul style="list-style-type: none"> • The Department has a classroom with seating capacity of 30 and 01 lab equipped with equipment for research on veterinary extension education aspects. Further, the Department uses the facilities of Directorate of Extension Education and also KVKs..
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • The Ph.D. guidance by the faculty is as per prescribed norms and a total of 02 students have passed out and 04 are pursuing. The faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from the students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes.
	7.	Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 06 with no attrition for the program under report.
	8.	ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.

Proforma for Assessment of programme
(Ph.D. Veterinary Medicine)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Medicine has a faculty of 14 (09 Professor + 01 Associate Professor + 04 Assistant Professor and adequately supported by Technical and supporting staff for teaching and research. • The Department has classroom and seminar rooms with seating capacity of 25 each and 10 labs fully equipped with modern equipment for research on clinical and diagnostic aspects. Further, the Department uses the facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 04 students have passed out and 07 are pursuing. Ph.D. faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback obtained from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 13 with attrition of 02 for the program for the period of report. • Various ICT tools are being used for effective Ph.D. teaching, research and curricula delivery.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

**Proforma for Assessment of programme
(Ph.D. Veterinary Microbiology)**

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Microbiology has a faculty of 09 (03 Professor + 03 Associate Professor + 02 Assistant Professor + 01 adjunct faculty) and adequately supported by Technical and supporting staff for teaching and research.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has 02 classroom seminar rooms with seating capacity of 20 and 30, respectively and have 06 labs fully equipped with modern equipment for research on microbiological and immunological aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate.
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • PhD guidance by the faculty is as per prescribed norms and a total of 06 students have passed out and 07 are pursuing. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback from students, parents, industries, employee and farmers is perused to improve the learning outcomes.
	7.	Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 13 with no attrition during the period.
	8.	ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.

Proforma for Assessment of programme
(Ph.D. Veterinary Parasitology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Parasitology has a faculty of 08 (04 Professor + 01 Associate Professor + 02 Assistant Professor + 01 adjunct faculty) and adequately supported by its Technical and supporting staff for teaching and research. • The Department has 01 classroom cum seminar hall with seating capacity of 20 and have 02 labs fully equipped with modern equipment for research on parasitological aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 02 students have passed out and 02 are pursuing. Ph.D. faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback record from the students, parents, industries, employee and farmers is being considered to improve the learning outcomes. • The student intake is 04 with no attrition for the period under report. • Various ICT tools are being used for effective PhD teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Pathology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Pathology has a faculty of 10 (05 Professor + 01 Associate Professor + 02 Assistant Professor + 02 adjunct faculty) and adequately supported by Technical and supporting staff for teaching and research. • The Department has 01 classroom and 01 seminar hall with seating capacity of 25 each and 05 labs fully equipped with modern equipment for research on pathological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 06 students have passed out and 04 is pursuing. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • The student intake is 12 with attrition of 02 for the program during last 5 years. • Various ICT tools are being used for effective Ph.D. teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Pharmacology and Toxicology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Pharmacology & Toxicology has a faculty of 08 (04 Professor + 01 Associate Professor + 03 Assistant Professor) and adequately supported by its Technical and supporting staff for teaching and research. • The Department has 01 classroom cum seminar hall with seating capacity of 20 and 05 labs fully equipped with modern equipment for research on pharmacological and toxicological aspects. Further, the Department also uses the facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 02 students have passed out and 04 are pursuing. Ph.D. faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback inputs of students, parents, industries, employee and farmers are considered to improve the learning outcomes. • The student intake is 07 with attrition of 01 over the last 05 years. • Various ICT tools are being used for effective Ph.D. teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph. D. Veterinary Physiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Physiology has a faculty of 8 (02 Professor + 02 Associate Professor + 04 Assistant Professor) combined with Veterinary Biochemistry and adequately supported by Technical and supporting staff for teaching and research. • The Department has 01 classroom and 01 seminar room with seating capacity of 20 each and 05 labs fully equipped with modern equipment for research on physiological aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 01 student has passed out during 2019-20. PhD faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from the students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • There was no student intake during assessment period.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Veterinary Public Health and Epidemiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Public Health and Epidemiology has a faculty of 10 (05 Professor + 01 Associate Professor + 04 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research. • The Department has 01 classroom and 01 seminar hall with seating capacity of 25 and 65, respectively and has 05 labs fully equipped with modern equipment for research on public health and epidemiological aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate. • Ph.D. guidance by the faculty is as per prescribed norms and a total of 06 students have passed out and 10 are pursuing. Ph.D. faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member. • The feedback from the students, parents, industries, employee and farmers is regularly used to improve the teaching-learning outcomes. • The student intake is 16 with no attrition during the period. • Various ICT tools are being used for effective Ph.D. teaching, research and curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

**Proforma for Assessment of programme
(Ph.D. Veterinary Surgery & Radiology)**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Veterinary Surgery and Radiology has a faculty of 14 (08 Professor + 01 Associate Professor + 05 Assistant Professor) and adequately supported by Technical and supporting staff for teaching and research.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department has 01 seminar room and 01 committee room with seating capacity of 70 and 30, respectively and 18 labs fully equipped with modern equipment for research on physiological aspects. Further, the Department also uses facilities of Poultry farm and Livestock farms for research mandate.
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	<ul style="list-style-type: none"> • Ph.D. guidance by the faculty is as per prescribed norms and a total of 06 students have passed out. and 08 are pursuing. Ph.D. faculty guides max. 05 students each as major advisor and minor advisor/advisory committee member.
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • The feedback of the students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes.
	7. Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • The student intake is 16 with attrition of 02 for the program
	8. ICT application in curricula delivery.	<ul style="list-style-type: none"> • Various ICT tools are being used for effective Ph.D. teaching, research and curricula delivery.

Proforma for Assessment of the College of Fisheries

Criteria	Key Aspects		Assessment of the Peer Review Team (Maximum three points)
I. College Administration	i	Dean's Office Establishment	<ul style="list-style-type: none"> • Regular Dean position is appointed from 15-09-2020 and the tenure of Dean is for 4 years, thus, fulfilling the conditions as per ICAR. • Establishment office of Dean has 11 posts (8 recruited & 03 outsourced/contractual). there is a post of independent Accounts Officer and Superintendent in the administrative office. • Office equipped with the computers, WiFi, CCTV system, photocopier, power back up, furniture, printing machine etc. • Dimensions of Dean's rooms are 365 sq ft with an attached conference cum meeting room having area of 1045 sq ft. In addition, there is PA room (99 sq ft), visitor's room (257 sq ft) and waiting area (1600 sq ft). • The administrative office of Dean has 03 rooms with an area of 555, 537 and 85 sq ft for academics, establishment and cash purpose.
	ii	Monitoring Mechanism (on-line)	<ul style="list-style-type: none"> • Monitoring mechanism exists for students and faculty. • CCTV surveillance system is installed in classrooms, hostels, and examination Centre for monitoring. • Student submit feedback form at the end of semester and the feed back file / records were available with the office. • Department wise academic in-charge look after the departmental courses. • Student advisory system is operating in college and each batch will have a Batch Coordinator. And there is one advisor for a group of 10 students. • HOD review status of coverage of departmental courses. • Suggestion cum complaint box is placed / available at Dean's office for students /faculty.
	iii	CC/Board of studies/Academic Council	<ul style="list-style-type: none"> • Board of studies at College level is available and composed of Dean, College of Fisheries as Chairperson, Head, Department of Aquaculture as Member Secretary; Heads, Department of Fisheries Resource Management Department of Aquatic Environment, Department of Fish Processing Technology; Senior Most Faculties, Department of Fisheries Resource Management, Department of Aquatic Environment, Department of Fish Processing Technology (Members), Secretaries, BOS-College of Veterinary Science, College of Dairy Science & Technology, College of Biotechnology, Controller of Examinations, GADVASU (Special Invitees); Dean

Annexure-XIV

		<p>Postgraduate Studies, GADVASU- as Nominee of the Worthy Vice Chancellor.</p> <ul style="list-style-type: none"> Academic Council comprises University Officers, Dean, invited experts from other Universities to review matters related to academics. Total number of academic council members is 17. A total of 16 Board of Studies meetings and 26 Academic council meetings were held during last 5 years
iv	Anti-Ragging Cell	<ul style="list-style-type: none"> An anti-ragging committee and anti-ragging squad at college level working as per UGC guidelines. Anti-ragging Committee is composed of 14 members constituted under the chairmanship of Vice Chancellor and Dean is convener. Anti-ragging squad of 17 members is constituted during 2017 and revised annually. Every year anti-ragging committee and an anti-ragging squad involving representatives of civil and police administration, local media, faculty, student representatives and parent representatives meets and review the progress. Awareness on anti-ragging among students is ensured through organizing lectures, printing of pamphlets, displaying posters etc. & highlights the penalties and punishments. Vigilance by anti ragging squad from 6 PM to 6 AM next day is maintained by patrolling and night stay in hostels for 3 initial months of the academic year. Dean, wardens and faculty do surprise visits and arrange guest lecturers by experts and the Police Department to prevent ragging. Undertaking is taken from senior students and their parents on non-involvement in ragging activities. Grievance box is provided in the college to enable students disclose their problems without hesitation.
v	Biological Waste Disposal Facility	<ul style="list-style-type: none"> Degradable waste from both boys and girls hostels is segregated and used as raw material in vermicomposting unit. Campus is plastic free and college carry out regular cleanliness drive. Standard Coloured bags / containers are placed throughout the premises and disposal is done at University level.
vi	Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> For handling experiments on the animals, the College has both External and Institutional Animal Ethics Committees for the purpose; which review the matter regularly.
vii	Committee for Prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> A Internal Complaints Committee (ICC) for prevention of Sexual harassment against Women Employees and Students is in place at University Level and comprises of a Chairperson and 6 members.

			<ul style="list-style-type: none"> The ICC has a tenure of 03 years. The ICC conducts many awareness programs and activities on this important issue.
2. Faculty	i	Faculty Strength	<ul style="list-style-type: none"> Sanctioned posts: 20 (including Dean), Filled: 15 on Regular basis; while 05 posts are vacant. Out of these 03 posts has already been advertised. In addition, the College has 06 empenelled adjunct faculties and 02 teaching assistants and 03 SMS from KVKs to support the teaching and research programs. Visiting Scientists for PG and PhD Programs are also engaged. Department wise details of Faculty with Qualification and specialization provided. All faculty members are PhD holders.
	ii	Faculty Profile (department wise)	<ul style="list-style-type: none"> There are 04 Departments in the College of Fisheries Sciences. Professor in the Department of Fisheries Resource Management, Aquatic Environment and Fish Processing Technology not available at present. 02 Associate Professor posts in the departments of Aquaculture and Aquatic Environment are vacant. Assistant Professor (11) posts are filled out of 13 and are as per the requirement.
	iii	Credentials of the Faculty	<ul style="list-style-type: none"> All faculty members are PhD holders with average age of 41 years and 33.3% are trained overseas. Faculty members have good number of publications, radio talks, awards etc. During assessment period, faculty published 158 research papers with H. index of 29. Most of the faculty members possess membership in professional societies.
	iv	Technical Staff and Other Supporting Staff	<ul style="list-style-type: none"> Sanctioned strength: 14 both for Technical and supporting staff at college level. In position: 11 (08 on regular basis and 3 on contract basis). Under field staff, 07 posts are sanctioned and out of these 06 are filled. In addition, 25 contractual staff is engaged for different farm activities. Security is centralized including regular and contractual staff.
3. Learning Resources	i	College Library (digital)	<ul style="list-style-type: none"> There is a library in college with a seating capacity of 40. Documentary resources include 350 books, 147 online e-books, 7 fisheries journals, CDs and manual. Current access to CeRA, krishi Kosh, etc. is available. Wi-Fi facility available. Computers facility (5 terminals) is available with high speed wifi connectivity. In addition, university Central Library with

			seating capacity of 145 is available.
	ii	Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has 13 well established labs with equipment for teaching and Research. Most of the instruments are available in sufficient numbers and meets the requirement of students. Equipment status in different labs is at par with ICAR recommendations Instructional farm is available as per ICAR norms in a 6Ha (15 acres) area. Following essentially required infrastructure / facilities are available: Nursery Ponds (16Nos) – 320 sq.mt. Rearing Ponds (28Nos) – 2,240 sq. mt. Stocking Ponds (04Nos) -3,200 sq. mt. Brooder Ponds (01)- 2,400 sq. mt Hatcheries (04) - 596 sq. mt. Demonstration ponds (06) - 12,675 sq. mt. Biofloc Aquaculture Unit (01) -200 sq. mt. RAS 566 sq. mt. Additionally, Breeding & seed production unit (01), integrated fish cum duck farming unit (01), feed mill/manufacturing units (02), Poly houses (03) indoor/outdoor wet labs for effective teaching, research and capacity building are available. Fish Museum is available in the Campus and have good collections. Swimming Pool shared with PAU is available for teaching and training purpose of the students.
	iii	Student Ready / In-plant training / Internship/ Skill Development Modules / Experiential Learning modules etc.	<ul style="list-style-type: none"> Student READY Program implemented for the final year BFSc students as per ICAR requirement. Three EL modules are operational in the college and are profitable which is shared with the students. In-Plant Training, Skill Development and All India Tour taken up effectively involving adequate exposure in ICAR institutes, Industry, hatcheries, farms and markets.
	iv	Curricula Delivery Through IT (like smart Classrooms / Interactive Boards etc.)	<ul style="list-style-type: none"> College has four smart classrooms with seating capacity of 35-40 each and 01 lecture/ seminar hall (seating capacity 100) and all are well-equipped with latest audio-visual aids/interactive boards. College has a viable ICT component used optimally for teaching. Also, University YouTube Channel hosts the college activities, tutorial videos, webinars, etc. to strengthen online off- campus learning.
4. Student Development	i	Student Intake and Attrition for Last Five Years	<ul style="list-style-type: none"> Student intake is 30 for BFSc program per year. In MFSc program, about 13 seats are filled annually. In each department, PhD seats are available 02 each. Average attrition for BFSc, MFSc and PhD is 13.53, 9.8 and 7.6%. respectively.
	ii	Average Number of Students in Theory and Practical Classes	<ul style="list-style-type: none"> Average number of students in theory & practical classes is 18 to 23 for BFSc program.

	iii	Admission Process	<ul style="list-style-type: none"> For UG program admissions are Merit based with aggregate percentage of marks obtained (10+2) in Biology, Physics, Chemistry and English. ICAR allots admissions based on AIEEA-UG exam. Master's Program admissions are also based on rank obtained in ICAR AIEEA-PG exam for ICAR quota followed by BFSc merit. Ph.D. program admissions are based on marks of qualifying exam (MFSc) and interview (80:20).
	iv	Conduct of Practical & Hands-on-Training	<ul style="list-style-type: none"> College has well established and equipped labs and Instructional cum Research Farm with diverse demonstration units/indoor and outdoor facilities for practical and hands-on training for UG and PG students.
	v	Examination and Evaluation Process	<ul style="list-style-type: none"> Both undergraduate and postgraduate examinations are conducted as per approved guidelines and academic calendar notified by the university by its Controller of Examinations. Evaluation is as per 5th Deans committee recommendation for UG and as per ICAR- BSMA guidelines for PG/Ph.D programs
	vi	NSS/NCC/RVC Units	<ul style="list-style-type: none"> For B.F.Sc. Students enrolment in NSS/NSO (Sports) is compulsory as non-credit course.
	vii	Language Laboratory	<ul style="list-style-type: none"> Language Laboratory exists at university level to enhance the proficiency in desired language and to improve communication skills (both writing and speaking). There is a compulsory course in Technical Writing and Communication Skills for English and French at PG levels.
	viii	Cultural Centre	<ul style="list-style-type: none"> University Cultural Center provides opportunities to enhance students' talent in extracurricular activities like theatre, fine arts, music, dance and literary. Cultural and co-cultural committee at college level and Dance Drama and Music Club (DDMC) at college and university level nurtures talent of students in cultural and co-cultural activities.
	ix	Personality Development	<ul style="list-style-type: none"> The college organizes regular seminars / lectures related to career opportunities; communication skills and personality development. The Directorate of Student Welfare is mandated for the counselling and personality development of Students.
5. Physical Facilities	i	Hostel (both boys and girls) and its Amenities	<ul style="list-style-type: none"> Separate boys and girls' hostels (Dormitory and cubicles) are available. The Girl's hostel has a capacity of 413 while Boy's Hostel can accommodate 271 students. Common hall with TV and gymnasium available in hostels. All hostels are wi-fi compliant. Adequate amenities (indoor games, RO water cooler, newspapers, washing machines, etc.) are available in hostels. Messes are being operated by the students on cooperative basis. Health facilities for students are available at the campus.

	ii	Examination Halls	<ul style="list-style-type: none"> • There are two central air-conditioned examination halls at the university with a seating capacity of 500 with in-built CCTV monitoring mechanism. • Additionally, College also has an air-conditioned CCTV monitored examination hall with seating capacity of 100.
	iii	Sports and Recreation Facilities	<ul style="list-style-type: none"> • These facilities are shared among GADVASU and PAU on MOU basis. • Adequate indoor and outdoor sports (hockey/volleyball/football grounds, athletic track, cycling velodrome, swimming pool, badminton/basketball, lawn tennis courts, table tennis, shooting range and Gyms) facilities are available in the university. • Compulsory non-credit UG course on swimming is undertaken in collaboration with PAU. • In addition to these facilities the College has separate recreational rooms both for faculty and students
	iv	Auditorium	<ul style="list-style-type: none"> • There are 02 auditoriums with seating capacity of 200 and 150 in Silver Jubilee Block and College of Animal Biotechnology, respectively.
	v	Exhibition Hall/Museum	<ul style="list-style-type: none"> • The College has a museum displaying specimens like fish, crustacean, molluscs, echinoderms, seaweed, models and other exhibits (crafts, gears, traps, net making accessories etc). • There is also an aqua-house cum exhibition hall to exhibit aquatic germplasm, technologies, manuals, publications, awards and success stories under one roof.
	6. Research Facilities		
i	PG laboratories and Equipment	<ul style="list-style-type: none"> • A total of 13 well equipped Labs in different departments to undertake basic and advanced practical training / research are available. • Central Instrumentation Facility (CIF) is available at College and University level with open access to all students of the university. 	
ii	Research contingency	<ul style="list-style-type: none"> • During the period, the college received funding from ICAR, DST, UGC, RKVY, NFDB, BRNS, DOF (GOI) and State agencies with a tune of Rs.590 lakhs. 	
7. Outcome/ Output			
i	Student Performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> • One student qualified the ARS/NET during 2019-20. • During assessment period, 02 students awarded PG scholarship and 01 student JRF (PhD). • College conducts mock examination to the students for ICAR AIEEA. 	
ii	Students' Placement Profile	<ul style="list-style-type: none"> • Students have been placed in different state organizations, corporate sector and industries. • The placement profile of the students under report was 11.4% at UG, 63% at Master's and 100% at PhD. 	
iii	Awards/ Recognition / Certificates	<ul style="list-style-type: none"> • The college faculty have been conferred with a total of 83 national and 25 international awards; while, the students won 100 different awards at conference, extracurricular and co-curricular activities 	

Annexure-XIV

	iv	Employability	<ul style="list-style-type: none">• Overall 66.25%, 72.72% and 100% of B.F.Sc., M.F.Sc. and Ph.D. degree holders placed in public/private sectors including higher studies.
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Proforma for Assessment of programme
(B. F. Sc.)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • As per the Model act there has to be 22 core faculty for a minimum intake of 60 students. While, there are 20 core faculty for intake of 30 students for the program. Further, the program is also supported by 42 technical and supporting staff. • Well- equipped laboratories (13) in different departments, 15-Acre "Instructional cum Research Farm" with diverse facilities (breeding traditional/modern culture systems and processing) and smart classrooms (05 Nos.) are in place for effective academic delivery and practical training to the students. • The Students are given practical and hands on training through Student READY Program, including in-plant training, experiential learning, skill development, educational tour, rural fisheries work experience (RFWE). • The stakeholder's suggestions are periodically reviewed towards improving teaching and training to the students. • A total of 133 students during the period have taken the admission to the program with attrition of 13.53% (18) which may be due to movement of students for other programs on their individual preferences. • Well-connected internet facility exists both at college and university level. Smart class room (04), Seminar/Conference rooms (02), and Library Computer Cell are used for effective curriculum delivery. Instructional videos are used as teaching aids. Agri-DIKSHA - portal of NAHEP Component 2 for off/ on- campus learning are in place.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M.F. Sc. Aquaculture)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Aquaculture has faculty of total 07 (01 Professor + 04 Assistant Professors + 02 Adjunct Faculty) and is supported by adequate Technical and supporting staff for research work. • PG Class rooms and departmental laboratories (05) are well equipped and functional for carrying out the teaching and research activities. The Central Instrumentation Facility (CIF) of Department of Aquatic Environment along with 6 labs and Instructional cum Research Farm are facilities extended to all departments of the college for advanced molecular /biotechnology, microbiological and disease diagnosis related work. • Masters guidance by faculty is as per prescribed guidelines and a total of 18 MFSc (Aquaculture) students have passed out during assessment period and 10 MFSc are on roll. PG faculty guides max. 5 students each as major advisor and minor advisor/advisory committee member. The Advisory meetings of PG program are held on regular basis. • Fisheries Officers/ Farmers workshops, Farmer's meets and Academia-Farmer-Industry Interfaces are organized regularly for recording feedback from stakeholders. • M.F.Sc. (Intake/attrition) was 26/2 for the period and ICT tools are effectively used for curricular delivery
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M.F.Sc. Aquatic Environment Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Aquatic Environment Management has faculty of 03 Assistant Professors and 02 adjunct faculty with adequate Technical and supporting staff for research work. Faculties have more than 10 years experience after PhD and have 26 publications in journals with NAAS rating between 6.0 and 11.55. • Both PG classrooms and departmental laboratories (06) are well equipped and functional for carrying out teaching and research activities. In addition, the Department has a Central Instrumentation Facility (CIF) and Instructional cum Research Farm for advanced research programs. • During the assessment period, Masters guidance by faculty is as per norms and a total of 07 MFSc (AEM) students had passed out and 04 MFSc students are on roll. The PG faculty guides max. of 5 students each as major advisor and minor advisor/advisory committee member. Advisory meetings of PG students are held on regular basis. • Fisheries Officers/ Farmers workshops, Farmer's meets and Academia-Farmer-Industry Interfaces are organized regularly for seeking feedback from stakeholders. • M.F.Sc. Intake and attrition are 11 and 2, respectively. • ICT tools are potentially used for effective curricular delivery
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M.F. Sc. Fisheries Resource Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • This Department has a faculty of 06 (01 Associate Professor + 03 Assistant Professors + 02 Adjunct Faculty) and is supported by adequate Technical and supporting staff for research work. • PG classrooms and departmental laboratories (03) are well equipped to undertake teaching and research programs. Central Instrumentation Facility (CIF), developed in the Department of Aquatic Environment Management with 6 labs is extended to all other departments of the college. • Masters guidance by faculty is as per norms with PG faculty guide index of max. 5 students both as major & minor advisor. A total of 05 students have passed out and 02 are on roll. The Advisory Committee meetings of PG students are held on regular basis. • Periodic advisory/feedback meetings of stakeholder (students/farmers/ Punjab Pollution Control Board/ Wild Life deptt.) are held for prioritizing key academic and research issues. • M.F.Sc. program has intake of 09 and attrition of 01 during the period. • ICT tools are used for effective curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Aquaculture)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Aquaculture has faculty of total 07 (01 Professor + 04 Assistant Professors + 02 Adjunct Faculty) and is supported by adequate Technical and supporting staff for research work. • Class rooms and departmental laboratories (05) are well equipped and functional for carrying out the teaching and research activities. The Central Instrumentation Facility (CIF) of Department of Aquatic Environment along with 6 labs and Instructional cum Research Farm are facilities extended to all departments of the college for advanced molecular /biotechnology, microbiological and disease diagnosis related work. • PhD guidance by faculty is as per prescribed guidelines and a total of 06 PhD (Aquaculture) students have passed out during assessment period and 03 are on roll. The faculty guides max. 5 students each as major advisor and minor advisor/advisory committee member. The Advisory meetings of PhD program are held on regular basis. • Fisheries Officers/ Farmers workshops, Farmer's meets and Academia-Farmer-Industry Interfaces are organized regularly for recording feedback from stakeholders. • PhD (Intake/attrition) was 06/0 for the period and ICT tools are effectively used for curricular delivery
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Aquatic Environment Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The Department of Aquatic Environment Management has faculty strength of 03 Assistant Professors and 02 adjunct faculty with adequate Technical and supporting staff for research work. Faculties have more than 10 years experience after PhD and have 26 publications in journals with NAAS rating between 6.0 and 11.55. • Both classrooms and departmental laboratories (06) are well equipped and functional for carrying out teaching and research activities. In addition, the Department has a Central Instrumentation Facility (CIF) and Instructional cum Research Farm for advanced research programs. • During the assessment period, PhD guidance by faculty is as per norms and 01 PhD (AEM) student had passed out and presently 02 are on roll. The PhD faculty guides max. of 5 students each as major advisor and minor advisor/advisory committee member. Advisory meetings of PhD students are held on regular basis. • Fisheries Officers/ Farmers workshops, Farmer's meets and Academia-Farmer-Industry Interfaces are organized regularly for seeking feedback from stakeholders. • PhD Intake and attrition are 03 and 0, respectively. • ICT tools are potentially used for effective curricula delivery
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Fisheries Resource Management)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • This Department has a faculty of 06 (01 Associate Professor + 03 Assistant Professors + 02 Adjunct Faculty) and is supported by adequate Technical and supporting staff for research work. • Both classrooms and departmental laboratories (03) are well equipped to undertake teaching and research programs. Central Instrumentation Facility (CIF), developed in the Department of Aquatic Environment Management with 6 labs is extended to all other departments of the college. • PhD guidance by faculty is as per norms with PhD faculty guide index of max. 5 students both as major & minor advisor. During assessment period, 01 PhD student has passed out and 02 are currently enrolled. The Advisory Committee meetings of PhD students are held on regular basis. • Periodic advisory/feedback meetings of stakeholder (students/farmers/ Punjab Pollution Control Board/ Wild Life deptt.) are held for prioritizing key academic and research issues. • Ph.D. program has an intake of 05 and no attrition. ICT tools are used for effective curricula delivery.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of the College of Dairy Science & Technology

Criteria	Key Aspects		Assessment of the Peer Review Team (Maximum three points)
1. College Administration	i	Dean's Office Establishment	<ul style="list-style-type: none"> • Establishment office of Dean has 8 posts (AAO, Steno, Clerks, Store keeper, Senior Assistants). College has 28 contractual staff and 8 DLPs. • Regular Dean position is vacant and given additional charge to a faculty from Veterinary college. • Dean's room has 600 sq ft area with an attached committee room, PA room, Establishment, Administration, Accounts, Cashier, Budget, Store and Pantry rooms having a total area of 3588 sq ft. • Office is equipped with the computers, WiFi, CCTV system, photocopier, power back up, printer and other logistics.
	ii	Monitoring Mechanism (on-line)	<ul style="list-style-type: none"> • Student attendance is monitored by course in-charge and intimated to parents from time to time. • College has an internal quality assessment system for planning, guiding and monitoring of the college activities both online and off line. • Academic affairs committee and board of Studies oversee the academic matters of the college. • A student advisory system tracks individual student's performance at both undergraduate and post graduate level. • Research and extension committees at the college level supervise the faculty research and extension activities. • Entire college has CCTV surveillance.
	iii	CC/Board of studies/Academic Council	<ul style="list-style-type: none"> • Under the Chairmanship of Dean, College has a Board of Studies (BoS) and has 03 HODs, 02 senior teachers, Secretaries of BoS Veterinary Science, Fisheries Science and Animal Biotechnology. Also has Controller of Examination and Dean of PG studies as special invitees. • Any new or alteration in academics program is thoroughly addressed in the BoS on regular or special meetings. • Once recommended, the proposal is forwarded to the Resident Instruction Committee and the Academic Council for final approval. • Academic Council is chaired by vice

			<p>chancellor comprises University Officers, Dean, invited experts from other Universities to review matters related to academics. Total number of academic council members is 17.</p> <ul style="list-style-type: none"> • A total of 19 Board of Studies meetings and 26 Academic council meetings were held during last 5 years
	iv	Anti-Ragging Cell	<ul style="list-style-type: none"> • College follows the UGC regulations for curbing the menace of ragging. • The college has an operational Anti-ragging Committee and Anti-Ragging Squad that sensitizes the students. • Students and their parents are required to submit an undertaking at the time of admission, pledging not to engage in ragging.
	v	Biological Waste Disposal Facility	<ul style="list-style-type: none"> • The college follows the guidelines of the Ministry of Environment, Forest, and Climate Change regarding the proper biological waste disposal. • Containers designated Yellow, Red, White and Blue bags for waste segregation that are placed throughout the premises and the waste is disposed properly.
	vi	Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> • An Institutional Committee is working for animal ethical issues at university level • The university maintains an in-house animal facility equipped for both large and small animals, which is regularly monitored by the committee.
	vii	Committee for Prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> • An Internal Complaints Committee (ICC) for prevention of sexual harassment of Women Employees and Students on work place is in place at University Level and comprises of a chairperson and 6 members. • The ICC has a tenure of 03 years and conducts many awareness programs and activities at the campus.
2. Faculty	i	Faculty Strength	<ul style="list-style-type: none"> • Sanctioned posts of the faculty are 24 (including Dean) and the filled are 22 on regular basis. The dean's post is vacant and 3 Associate professors are promoted to professor under CAS. • In addition, the College has 03 adjunct faculties • Department wise details of Faculty with Qualification and specialization is provided. Nine faculties are overseas trained with one post doc. All faculty members are PhD holders except 2, who are pursuing in-service PhD.

	ii	Faculty Profile (department wise)	<ul style="list-style-type: none"> • Dairy Technology Dept has total of 6 teachers (1 Professor, 1 Associate, 4 Assistant). One Professor has recently discontinued. • Dairy Engineering Dept has a total of 5 teachers (1 Professor, 1 Associate and 3 Assistant). • Dairy Chemistry Dept has a total of 4 Assistant professors only. • Dairy Microbiology Dept has a total of 4 Assistant professors only. • Dairy Economics and Business Management Dept has 1 Professor, 1 Associate and 1 Assistant professors.
	iii	Credentials of the Faculty	<ul style="list-style-type: none"> • Approximately 92% of the faculty members possess PhD qualifications and remaining 8% are enrolled to PhD programs. • Ten of the faculty members are trained overseas. Eight faculty members have visited foreign countries for participation in various conferences and trainings programs availing international fellowship or IDP program of GADVASU • Faculty members have published 92 research publications, of which 22 papers had impact factor more than two. College has h-index 48 and i-10 index 162. In addition, they have several books, extension publications, manuals etc. • Faculty members have conferred with 45 national and international awards (Including DBT Gold fellowship, Best paper, Best poster, Best teacher, Best Thesis award, NADSI Fellowship etc.)
	iv	Technical Staff and Other Supporting Staff	<ul style="list-style-type: none"> • Establishment office of Dean has 8 posts (AAO, Steno, Clerks, Store keeper, Senior Assistants). • The College has 28 contractual staff and 8 DLPs as supporting staff. • The Security is centralized and regular and is on contractual staff basis.
3. Learning Resources	i	College Library (digital)	<ul style="list-style-type: none"> • The College has a library having 575 books and 14 e-books. • Library also has practical manuals, souvenirs, theses and regular magazines. • In Centralized library students can access the digital resources through computer laboratory well equipped with latest computers and internet connectivity. The

			Wi-Fi facility is made available through the University Library
	ii	Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> The College has well-established teaching and research labs. A fully operational Experimental Dairy Plant (EDP) is available with the college which has two parlors in the university and sells various dairy products. Total 32 laboratories are functional in various departments with total area of about 27000 sq.ft.
	iii	Student Ready / In-plant training / Internship/ Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> The College has adopted the student READY program from the academic session 2016-17. Students undergo hands-on-training on liquid milk processing and packaging, dairy products manufacturing and engineering of different dairy plants. Students undergo in-plant training for 6 months at various plants of Verka in 7th semester. In 8th semester, hand on training is given at Experimental dairy as well as at DIET (Dairy products innovations and Entrepreneurship Training) established with the help of Verka, handling capacity of 25,000 lits of milk per day and manufacturing dahi and butter milk.
	iv	Curricula Delivery Through IT (like smart Classrooms / Interactive Boards etc.)	<ul style="list-style-type: none"> There are four smart classrooms and one virtual classroom in the college and are well equipped with latest technologies. Overhead projectors and intraocular boards have been installed in all classrooms to make teaching learning more interesting. University YouTube Channel has been developed with more than 200 video including practical tutorial and webinars to strengthen online off-campus learning.
4. Student Development	i	Student Intake and Attrition for Last Five Years	<ul style="list-style-type: none"> Total of 196 students were enrolled in the college for undergraduate program, out of which 30 discontinued the program in between (196/30, attrition 15%). For master's program 44 master students enrolled, out of which 05 discontinued the college (44/5, attrition 11%). For PhD program 7 students enrolled during the last 5 years and there was no attrition.
	ii	Average Number of Students in Theory and Practical Classes	<ul style="list-style-type: none"> For Practical on an average of 16-20 students in each batch are engaged while for theory upto 50 students. In PG programs, 1-7 masters and 1-4 PhD students in theory and practical classes.
	iii	Admission Process	<ul style="list-style-type: none"> UG admission is based on merit in 12th

Annexure-XIV

			<p>exam Physics, Chemistry and Mathematics.</p> <ul style="list-style-type: none"> • ICAR-AIEEA UG exam for ICAR seats. • Maser's program is based on merit in UG program and personal counselling. • Ph.D. merit is based on marks of qualifying exam and interview.
	iv	Conduct of Practical & Hands-on-Training	<ul style="list-style-type: none"> • Established laboratories and experimental Dairy Plant equipped with state-of-the-art facility for hands-on practical training are available. • Ample facilities are provided for training at farms and experimental dairy plants.
	v	Examination and Evaluation Process	<ul style="list-style-type: none"> • Undergraduate examinations are being conducted as per 5th Dean's Committee guidelines. • For Post Graduate programs ICAR-BSMA guidelines are being followed.
	vi	NSS/NCC/RVC Units	<ul style="list-style-type: none"> • Students in first and second year of B. Tech. participate in NSS/NSO which is non-credit compulsory course. • Regular participation of students in social awareness campaigns.
	vii	Language Laboratory	<ul style="list-style-type: none"> • The College is offering a course on Communication Skills at UG level as per the recommendation of ICAR Vth Dean's committee. • Students undergo technical Writing and Communication Skills at PG level • An Audio Video laboratory is well established in the institute dedicated for enhancing the communication skill of the students.
	vii i	Cultural Centre	<ul style="list-style-type: none"> • The college utilizes the centralized Cultural Center to nurture talent in various disciplines such as theatre, fine arts, music and dance. • Students have won several inter-college trophies at youth festivals and other inter-university competitions.
	ix	Personality Development	<ul style="list-style-type: none"> • The university's Human Resource cell and Placement cell regularly arranges special classes and motivational lectures for the enhancement of student's personality development. • Educational tours, expert lecture at college and international university visit program under ICAR-IDP projects are also instrumental in fostering confidence among the students.
5. Physical Facilities	i	Hostel (both boys and girls) and its Amenities	<ul style="list-style-type: none"> • Hostel facilities exist for boys and girls separately at university level and all

			<p>students are given accommodation in hostels.</p> <ul style="list-style-type: none"> • One mega hostel for the students is also coming up at campus. • The hostels offer adequate amenities (TV room, common room, mess, indoor games, RO water cooler) for the benefit of resident students.
	ii	Examination Halls	<ul style="list-style-type: none"> • There are two centralized examination halls at the university level with a seating capacity of 500, equipped with ACs and air coolers along with CCTV surveillance.
	iii	Sports and Recreation Facilities	<ul style="list-style-type: none"> • All hostels provide sufficient indoor sports facilities, including basketball and Volleyball. However outdoor sports facilities are shared with P.A.U on MoU.
	iv	Auditorium	<ul style="list-style-type: none"> • An auditorium of 200 seating capacity is available at university level. • A new auditorium building of more than 450 capacity is under final furnishing stage at the college premises.
	v	Exhibition Hall/Museum	<ul style="list-style-type: none"> • College has an exhibition hall to display prototypes and technologies to educate students, dairy farmers and trainees. • Exhibitions are also organized during Pashu Palan mela, at camps and regional stations.
6. Research Facilities	i	PG laboratories and Equipment	<ul style="list-style-type: none"> • Each department is having well-equipped laboratories to facilitate student research and advanced practical training to UG/PG students. PG lab space of about 20,000 sq.ft. is available. • Instruments/equipment for regular practical like microscopes, incubators, ovens, blenders, utensils are available. • High end research equipment like Rt-PCR, Ultrasonicator, lab spray drier, membrane filtration unit, microfluidizer, bioreactor, spectrophotometer, flame photometer, freeze drier, refrigerated centrifuge, etc are available in different laboratories for PG research. • Experimental dairy plant and DIET plant are also available for research projects related to product development. • Central instrument laboratory is also available at the institute which has ultra modern equipment.
	ii	Research contingency	<ul style="list-style-type: none"> • Over the last five years, the college has received research contingency totaling over Rs.1,63,71,759/- from various funding agencies like ICAR, MoFPI, DST, UGC

			and state agencies.
7. Outcome/ Output	i	Student Performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> • Three students qualified for JRF in 2023, with 2nd, 3rd and 8th rank. • At UG level, there were 15 NTS fellowships and several students got university merit scholarships • At PG level, NTS was awarded to 16 students, there was 1 inspire fellow and 1 post-doctoral fellow.
	ii	Students' Placement Profile	<ul style="list-style-type: none"> • Under the placement cell, out of total 182 students, who passed in last 5 years, 100 were placed in government, private and cooperative dairies (54.9%). • Total 36 students opted for higher studies (19.8%) • Total 15 students went abroad (8.2%) for higher studies.
	iii	Awards/ Recognition / Certificates	<ul style="list-style-type: none"> • Faculty members have got 06 different awards and have 29 best oral/poster presentation awards. Faculty have earned 03 best teacher awards, 02 best research awards, 02 fellowships from NADS(I) and 01 gold fellowship from IACBGF. • Students have also earned accolades and recognition in extracurricular activities and sports at university, state and national level. 01 Ph.D. Microbiology student is awarded DST-ISPIRE Fellowship. 05 students got best poster award while 03 students got best oral presentation awards. College students have 1st or 2nd Rank in Debate, Extempore, Folk Dance, Skit, Cartoon making Quiz, Poetry, Mime and Painting.
	iv	Employability	<ul style="list-style-type: none"> • About 55% campus placement shows that students are employable. • Students also a get good platform to undertake higher studies in the country and abroad.

Proforma for Assessment of programme
(B. Tech. Dairy Technology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • College has required faculty and technical & supporting staff as per ICAR guidelines. • Ample space for class rooms and laboratories exist. They are well equipped ensuring the seamless execution of both theoretical and practical sessions. Students have experimental dairy as well as DIET dairy plant for hands on training. • Students are happy and feedback from industry and trainees is good. There were some success stories displayed to entrepreneurs and startups developed by the college. • During last five years admissions were 196, of which 30 left showing attrition rate of about 15%. • ICT is used in curricula delivery using smart class rooms and other digital platforms.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. Tech. Dairy Chemistry)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Two Asst. Prof. with Ph.D. are available as guide in the department • Lab facilities and seminar room are well equipped to conduct quality research. • Regular feedback from stakeholders is taken for the improvement of ongoing academic and research activities of the degree program. • During curriculum delivery, optimal utilization of information and communication technology (ICT) is being prioritized. • M. Tech. (Dairy Chemistry) intake/ attrition is 02/00 during the period under report.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. Tech. Dairy Engineering)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Department has 01 Professor, 01 Associate Professor and 02 Assistant Professors who can guide M. Tech. students. • Ample space for class rooms, seminar rooms and laboratories exist. Laboratories are equipped with routine as well as high end research instruments necessary for PG research. Dairy plant is available for conducting pilot scale trials/hands on training. • Feedback from student and industry is taken from time to time. • M. Tech. intake/attrition is 07/01 during the period under report. • Use of ICT is in place for classrooms and for students' education.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. Tech. Dairy Microbiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Department has 04 Assistant Professors available as Guide. • Lab facilities and seminar rooms are well equipped to conduct quality research. Students receive comprehensive hands-on training in various facets of dairy microbiology and related subjects for quality control and food safety of dairy products. • Regular feedback from stakeholders is taken for the improvement of ongoing academic and research activities of the degree program. • During curriculum delivery, optimal utilization of information and communication technology (ICT) is being prioritized. • M. Tech. (Dairy Microbiology) intake/ attrition is 09/01 during the period under report.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. Tech. Dairy Technology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • College has 01 Professor, 02 Associate Professors and 02 Assistant Professors who can guide M. Tech. (DT) students. • Ample space for class rooms, seminar rooms and laboratories exist. Laboratories are equipped with routine as well as high end research instruments necessary for PG research. Dairy plant is available for conducting pilot scale trials for product and process development. • Students are happy and feedback from industry and trainees is good. There were some success stories displayed to entrepreneurs and startups developed by the college. • Last five years admissions were 20, of which 2 left with an attrition rate of 10%. • ICT is used in curricula delivery using smart class rooms and other digital platforms.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(M. Sc. Agricultural Economics)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • One Professor, One Associate and One Asst. Prof. are available as guide in the department • Lab facilities and seminar room are well equipped to conduct quality research. • Regular feedback from stakeholders is taken for the improvement of ongoing academic and research activities of the degree program. • During curriculum delivery, optimal utilization of information and communication technology (ICT) is being prioritized. • M. Tech. (Agricultural Economics) intake/ attrition is 06/01 during the period under report.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph. D. Dairy Engineering)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Two faculty members are available as guide. • There were no Ph. D. students during the period under report. • Ample space for class rooms, seminar rooms and laboratories exist. Laboratories are equipped with routine as well as high end research instruments necessary for PG research. Dairy plant is available for conducting pilot scale trials. • Use of ICT is in place for classrooms and for students' education.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Dairy Microbiology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Two Asst. Prof. are available as Ph.D. guide in the department • Lab facilities and seminar room are well equipped to conduct quality research. Students receive comprehensive hands-on training in various facets of dairy microbiology and related subjects for quality control and food safety of dairy products. • Regular feedback from stakeholders is taken for the improvement of ongoing academic and research activities of the degree program. • During curriculum delivery, optimal utilization of information and communication technology (ICT) is being prioritized. • Ph.D. (Dairy Microbiology), only one student was admitted and is continuing.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Dairy Technology)

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Three faculty members are available as guide for Ph. D. • Ample space for class rooms, seminar rooms and laboratories exists. Laboratories are equipped with routine as well as high end research instruments necessary for PG research. Dairy plant is available for conducting pilot scale trials for product and process development. • Students are happy and feedback from industry and trainees is good. There were some success stories displayed to entrepreneurs and startups developed by the college. • ICT is used in curricula delivery using smart class rooms and other digital platforms. • Ph.D. intake/attrition was 04/0.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Proforma for Assessment of programme
(Ph.D. Agricultural Economics)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • One Professor and one Associate Professor is available as guide in the department. • Lab facilities and seminar rooms are well equipped to conduct quality research. • Regular feedback from stakeholders is taken for the improvement of ongoing academic and research activities of the degree program. • During curriculum delivery, optimal utilization of information and communication technology (ICT) is being prioritized. • There were two Ph. D students in last five years and no attrition.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Proforma for Assessment of the College of Animal Biotechnology

Criteria	Key Aspects		Assessment of the Peer Review Team (Maximum three points)
1. College Administration	i	Dean's Office Establishment	<ul style="list-style-type: none"> • Faculty has total 19 sanctioned posts, against that 18 faculty are in place. Regular Dean has recently resigned and at present Registrar of the University is holding the additional charge. • The Dean's office has 32 sanctioned posts of administrative and supporting staff of which 19 are in place including contractual and daily paid staff. • Deans office is of 535 sq.ft. and has PA room, waiting room, administrative and clerical staff rooms, student waiting area, store and pantry located in a total area of about 3200 sq.ft. • Office is equipped with the computers, WiFi, CCTV system, photocopier, power back up, printer and other required logistics.
	ii	Monitoring Mechanism (on-line)	<ul style="list-style-type: none"> • The college employs an internal quality assessment system for planning, guiding, and monitoring its activities, both online and offline. • The Academic Affairs Committee and Board of Studies oversee the academic matters of the college. A student advisory system operates both at undergraduate and postgraduate levels to track individual student performance. • Research and Extension Committees supervise faculty research and extension activities, respectively. Performance audits of these committees are overseen by the Director of Research and the Director of Extension Education, respectively, at the university level.
	iii	CC/Board of studies/Academic Council	<ul style="list-style-type: none"> • The Board of Studies (BoS) is chaired by the Dean and consists of all Department Heads as members. • Regular or special meetings of the BoS are convened to address academic matters. • Recommendations made by the BoS are subject to approval by the Academic Council of the University.
	iv	Anti-Ragging Cell	<ul style="list-style-type: none"> • The College has an operational Anti-Ragging Cell, which includes both an Anti-Ragging Committee and Anti-

			<ul style="list-style-type: none"> ● Ragging Squads. ● Students and their parents are required to provide an undertaking at the time of admission, pledging not to engage in ragging. ● Adequate efforts are made to sensitize students about the detrimental effects of ragging.
	v	Biological Waste Disposal Facility	<ul style="list-style-type: none"> ● The college adheres to the Ministry of Environment, Forest, and Climate Change's guidelines with regards to proper biological waste disposal. ● Standard colored bags/containers are used in all the labs for waste segregation and disposal. These containers are regularly emptied and disposed off through an approved agency. ● Guidelines for the disposal of biomedical waste are prominently displayed for reference at various places.
	vi	Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> ● At the university level, experiments involving animals are closely monitored by the Institutional Animal Ethics Committee. ● The university maintains an in-house animal facility equipped for both large and small animals, which undergoes regular inspections by the committee.
	vii	Committee for Prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> ● An Internal Complaints Committee (ICC) for prevention of sexual harassment of Women Employees and Students on work place is in place at University Level and comprises of a chairperson and 6 members. ● This committee/task force plays a pivotal role in addressing and ensuring the safety and security of both female employees and students.
2. Faculty	i	Faculty Strength	<ul style="list-style-type: none"> ● Total regular faculty strength is 14 comprising of 2 Professors, 3 Associate and 9 Assistant professors. ● There are 3 Adjunct professors and 4 Teaching fellows.
	ii	Faculty Profile (department wise)	<ul style="list-style-type: none"> ● Dept of Microbial & Environmental Biotechnology has 2 Professors and 4 Assistant professors and 2 Teaching fellows. Department of Animal Biotechnology has 2 Associate, 2 Assistant and 1 teaching fellow. Department of Bioinformatics has 1 Associate, 3 Assistant Professors and 1 Teaching fellow. ● Each department has one adjunct

			<p>professor.</p> <ul style="list-style-type: none"> All faculty members are PhD holders from reputed universities.
	iii	Credentials of the Faculty	<ul style="list-style-type: none"> All the faculty members possess Ph.D. qualifications and most of them are trained abroad. Faculty members have secured 20 extramural research projects from various funding agencies with a total grant of Rs. 266 lakh (approx). Faculty have authored 132 research articles of which 22 had impact factor of more than 4, in addition to numerous extension publications, manuals, books, and book chapters. The research findings and publications by the faculty have received recognition at both national and international scientific platforms.
	iv	Technical Staff and Other Supporting Staff	<ul style="list-style-type: none"> College has 9 technical and supporting staff. They have 10 contractual/ daily paid staff.
3. Learning Resources	i	College Library (digital)	<ul style="list-style-type: none"> The college library has 243 books and 6 training manuals. The college is well-equipped with latest computers and internet connectivity for faculty and PG students. Students can access the digital resources through centralized Computer Laboratory of the University having well-equipped computers and internet connectivity. The Wi-Fi facility is made available through the University library.
	ii	Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> The college has 9 laboratories with 12,150 sq.ft. area with latest equipment like nanopore, sequencer, PCRs, nano drop, flow cytometer, HPLC, etc. for Teaching and research activities. College has a BSL level 2 laboratory. The Livestock & poultry farms and Clinics of the university provide required samples of various animals for research purpose.
	iii	Student Ready / In-plant training / Internship/ Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> A Student READY program for 4th year B.Tech. (Biotechnology) students are operational in the college (in-plant and experiential learning) to impart hands on training to the UG students and make them industry-ready.
	iv	Curricula Delivery Through IT (like smart Classrooms / Interactive Boards etc.)	<ul style="list-style-type: none"> There are four smart classrooms in the College that are well equipped with latest teaching learning aids. Overhead projectors/display panels have been installed in all the classrooms to make teaching-learning more interesting. University You Tube Channel has been

			developed with more than 200 videos including practical tutorial and webinars to strengthen online off-campus learning.
4. Student Development	i	Student Intake and Attrition for Last Five Years	<ul style="list-style-type: none"> For UG program 100 students were admitted in the last five years of which 15 discontinued with an attrition rate of 15%. In Master's program 43 students were admitted and 5 left with attrition of 11.6% and in Ph.D. 20 students were admitted and 2 dropped with attrition of 10%.
	ii	Average Number of Students in Theory and Practical Classes	<ul style="list-style-type: none"> On an average 8-20 students will be accommodated at UG programme while 3-4 students at PG, and 04 students at Ph.D. both in theory and practical classes.
	iii	Admission Process	<ul style="list-style-type: none"> UG programme: Merit based considering the marks obtained in the qualifying examination (10+2 Medical or Non-Medical science streams). Master's programme: Merit of ICAR AIEEA-PG exam//Merit of qualifying examination/ Rank-Score of GAT-B conducted by DBT-RCB will be considered. Ph.D. programme: Merit based on 80% weightage of marks obtained in the qualifying exam and 20% for interview.
	iv	Conduct of Practical & Hands-on-Training	<ul style="list-style-type: none"> Established laboratories equipped with state-of- the-art equipment for hands-on practical training are available. Required softwares for genomics are also available.
	v	Examination and Evaluation Process	<ul style="list-style-type: none"> As per ICAR's 5th Dean's committee guidelines for B.Tech. (Biotechnology). For PG programs, as per BSMA guidelines.
	vi	NSS/NCC/RVC Units	<ul style="list-style-type: none"> First and second year undergraduate students have to undergo mandatory NSS training including camps.
	vii	Language Laboratory	<ul style="list-style-type: none"> Technical Writing and Communication Skills is a compulsory course for UG & PG students. Language laboratory is available as centralized facility at university level
	viii	Cultural Centre	<ul style="list-style-type: none"> The college utilizes the centralized Cultural Center to nurture talent in various disciplines such as theatre, fine arts, music, and dance among students.
	ix	Personality Development	<ul style="list-style-type: none"> The university and college level Placement cells offer special classes and motivational lectures aimed at enhancing students' personality development. Educational tours and international student exchange programs are also

Annexure-XIV

			instrumental in fostering confidence among the students.
5. Physical Facilities	i	Hostel (both boys and girls) and its Amenities	<ul style="list-style-type: none"> • Separate accommodations are provided for boys and girls at the university level, with dormitories and cubicles. • One mega hostel for the girl students is also coming up on campus. • The hostels offer adequate amenities (indoor games, RO water cooler, TV, Common room) for the benefit of resident students. • All the students are provided hostel facilities.
	ii	Examination Halls	<ul style="list-style-type: none"> • The college utilizes the two central examination halls with a seating capacity of 500, equipped with ACs and air coolers along with CCTV surveillance.
	iii	Sports and Recreation Facilities	<ul style="list-style-type: none"> • All hostels provide sufficient indoor sports facilities, including basketball and volleyball. However, outdoor sports facilities are at university level.
	iv	Auditorium	<ul style="list-style-type: none"> • An auditorium with a seating capacity of 150 is available. • University auditorium with 200 seating capacity is also available.
	v	Exhibition Hall/Museum	<ul style="list-style-type: none"> • Exhibitions are organized during Pashu Palan melas at Campus and Regional stations. • College does not have exhibition hall/museum
6. Research Facilities	i	PG laboratories and Equipment	<ul style="list-style-type: none"> • The college has well- equipped laboratories to facilitate student research and academic development. High end research equipment and softwares are available for PG research. • The college also has a Centralized Research Laboratory to provide research facility to students and faculty from other colleges and universities.
	ii	Research contingency	<ul style="list-style-type: none"> • Over the last five years, the college has received research grants amounting to Rs. 266 lakh (approx.) from various funding agencies such as ICAR, DBT, DST, ICMR, UGC, CSIR, and state agencies.
7. Outcome/ Output	i	Student Performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> • A number of Ph.D students of the college have availed post-doctoral fellowships in the overseas universities of repute. • No JRF/SRF of ICAR fellowships in period under report. • Two DST-INSPIRE fellowship for PhD. • 11 DBT-PGT fellowships. • UG and PG students get merit scholarship of university level

Annexure-XIV

	ii	Students' Placement Profile	<ul style="list-style-type: none">• Nine masters and 9 PhD students are placed as teachers and govt jobs.• Most of the UG students have gone for higher studies.
	iii	Awards/ Recognition / Certificates	<ul style="list-style-type: none">• Two teachers have best teacher awards.• Students have some best paper or poster presentation awards.• Three students have prizes in extracurricular activities and sports at the university level.
	iv	Employability	<ul style="list-style-type: none">• Students are going for higher studies, but no information about the placement is available except that a few were employed as teachers in basic science colleges.

Proforma for Assessment of programme
(B. Tech. Biotechnology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> ● Total teaching faculty are 14 (2 Professor, 3 Associate and 9 Assistant) in addition to four teaching fellows and 3 Adjunct faculty at present. There 19 technical and supporting staff including contractual and dairy paid staff at present. ● Laboratories are modular, well equipped and smart classrooms are available. Practicals are meticulously planned, and students get sufficient hands-on-training experience in the areas of basic and applied aspects of the animal biotechnology. ● The monitoring mechanisms comprise periodic assessment/ evaluation of the faculty on a point scale through regular feedback from the students. ● The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. ● Various ICT tools are being used for effective UG teaching. ● In UG program 100 students were admitted in the last five years of which 15 left with attrition rate of 15%.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

**Proforma for Assessment of programme
M.Sc. (Agri.) Molecular Biology & Biotechnology**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The program M.Sc. (Molecular Biology & Biotechnology) with specialization in Animal Biotechnology was previously being run by the college and was not compliant to BSMA guidelines. • Consequent to implementation of mandatory BSMA nomenclature for accreditation, the GADVASU changed nomenclature of the program to MSc Molecular Biology and Biotechnology, which is again not compliant to <u>BSMA norms.</u> • Total teaching faculty are 14 (2 Professor, 3 Associate and 9 Assistant) who can guide students and sufficient technical and supporting staff is available. • Laboratories are well equipped with latest equipment for high end research apart from smart classrooms for course teaching. • The monitoring mechanisms comprise periodic assessment/ evaluation of the faculty on a point scale through regular feedback from the students. • There are 42 students admitted in last 5 years in M.Sc. (Molecular Biology & Biotechnology) with specialization in Animal Biotechnology and MSc Molecular Biology and Biotechnology and 5 left with attrition of 9%. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • Various ICT tools are being used for effective UG teaching.
	2. Technical and Supporting staff (as per ICAR guidelines)	
	3. Class rooms and laboratory (as per ICAR guidelines)	
	4. Conduct of Practical and Hands-on-Training	
	5. Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7. Student intake and attrition in the programme for last five years	
	8. ICT application in curricula delivery.	

Remarks: Under the ICAR Portal for Accreditation by stem of Higher Agricultural Educational Institutions, the name of the degree programme has been mentioned as M.Sc. (Agri.) in the discipline of Molecular Biology & Biotechnology. However, printed book of ICAR, restructured & revised syllabi of Post-graduate programmes of BSMA-2021, Vol. 2 at page 659-663, the name has been mentioned as M.Sc in Molecular Biology and Biotechnology. Hence, the university was to have the nomenclature as M.Sc in Molecular Biology & Biotechnology.

Proforma for Assessment of programme
M.V.Sc. (Veterinary Biotechnology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • The program was previously had nomenclature of MVSc (Animal Biotechnology) and only one student had taken admission in 2018-19. • During year 2021-22, the BSMA nomenclature was made mandatory for the accreditation purpose. The nomenclature of the program was changed to "MVSc (Veterinary Biotechnology) in the 71st Academic Council meeting of GADVASU held on 16.06.2022 and now the nomenclature is as per BSMA. • After change of nomenclature no students took admission in the MVSc Veterinary Biotechnology. • Total teaching faculty are 14 (2 Professor, 3 Associate Professor and 9 Assistant Professor) who can guide students and sufficient technical and supporting staff is available. • Laboratories are well equipped with latest equipment for high end research apart from smart classrooms for course teaching.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

**Proforma for Assessment of programme
Ph.D. (Molecular Biology & Biotechnology)**

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Total teaching faculty are 14 (2 Professor, 3 Associate and 9 Assistant) who can guide students and sufficient technical and supporting staff is available. • Laboratories are well equipped with latest equipment for high end research apart from smart classrooms for course teaching. • The monitoring mechanisms comprise periodic assessment/ evaluation of the faculty on a point scale through regular feedback from the students. • Under the period under review 17 students were admitted to Ph.D. (Molecular Biology & Biotechnology) and 02 left with attrition rate of 12%. • The feedback from students, parents, industries, employee and farmers is regularly taken to improve the learning outcomes. • Various ICT tools are being used for effective UG teaching. • Consequent to implementation of mandatory BSMA nomenclature for accreditation, the GADVASU changed nomenclature of the program to PhD Molecular Biology and Biotechnology, in 71st meeting of the Academic Council of GADVASU held on 16-06-2022.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Annexure-XIII

Proforma for Assessment of programme
Ph. D. (Veterinary Biotechnology)

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for a Programme)
1. Programme accreditation	1.	Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> • Total teaching faculty are 14 (2 Professor, 3 Associate and 9 Assistant) who can guide students and sufficient technical and supporting staff is available. • Laboratories are well equipped with latest equipment to undertake high end research apart from smart classrooms for course teaching. • During the period of assessment only 03 students were admitted to the program of Ph.D. (Animal Biotechnology), which was as per last BSMA and there is no pass-out during the period. • During year 2021-22, the BSMA nomenclature was made mandatory for the accreditation purpose. The nomenclature of the program was changed to "MVSc (Veterinary Biotechnology) in the 71st Academic Council meeting of GADVASU held on 16.06.2022 and now the nomenclature is as per BSMA. • The monitoring mechanisms comprise periodic assessment/ evaluation of the faculty on a point scale through regular feedback from the students. • The feedback from students, parents, industries, employee and farmers are regularly taken to improve the learning outcomes. • Various ICT tools are being used for effective teaching.
	2.	Technical and Supporting staff (as per ICAR guidelines)	
	3.	Class rooms and laboratory (as per ICAR guidelines)	
	4.	Conduct of Practical and Hands-on-Training	
	5.	Number of students being supervised by Faculty in case of Masters/Ph.D. Programme (as per ICAR/UGC guidelines)	
	6.	Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	
	7.	Student intake and attrition in the programme for last five years	
	8.	ICT application in curricula delivery.	

Annexure-XV

**Proforma for Assessment of Guru Angad Dev Veterinary and Animal
Sciences University, Ludhiana (Pb)**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
I. Governance	i. Vision, Mission and Goals	<ul style="list-style-type: none"> The University is dedicated to advancing livestock production and health while cultivating skilled human resources in veterinary, dairy, and fishery sciences. The mandate to provide education in veterinary and allied sciences is being rigorously adhered to. The University adopts a targeted approach to accomplish specific goals and objectives.
	ii. Statutes and Regulations	<ul style="list-style-type: none"> The University was established under Punjab Legislature Act No. 16 of 2005 and commenced operations on April 21, 2006. The University operates under its own Act, 2005 and Statutes 2021.
	iii. University Statutory Officers and their Selection Process as per the Statutes of the University	<ul style="list-style-type: none"> All statutory officer positions have been filled on a tenure basis, except for the Dean of the College of Dairy Science and Technology and the Comptroller, for which University professors have assumed additional responsibilities. At College of Dairy Science and Technology, regular Dean Dr. A. K. Punia completed his tenure during the period under report. Later, Dr. S. K. Mendiratta was appointed as regular Dean, but he resigned to join Joint Director at IVRI. Thereafter, two attempts were made to appoint the Dean, CoDST, but none found suitable. The post of Dean, College of Animal Biotechnology was filled by regular Dean till 16.04.2024, when he resigned to join JD, IVRI. Now, Registrar has been given additional charge of Dean COABT. Appointments have been made in accordance with all statutory provisions and with the approval of the Board of Management.
	iv. Decentralization of Powers	<ul style="list-style-type: none"> All administrative and financial powers have been delegated by Board of Management and Vice Chancellor to Officers and HoDs of University.
	v. Supporting Units (Maintenance Cell / SC/ST Cell/ Health Centre)	<ul style="list-style-type: none"> The Maintenance cell and SC/ST cell, as supporting units, are operational within the university. However, the SC/ST cell has not yet encountered any issues. The health facility is jointly shared with the P.A.U. on a MoU basis.
	vi. Technology Support	<ul style="list-style-type: none"> Smart classrooms are available and also lecture halls are furnished with LED projectors. All laboratories are adequately equipped. The university has well established intranet

		<p>connectivity under the National Knowledge Network to access the information and knowledge resources.</p> <ul style="list-style-type: none"> • The Central Library is fully equipped with electronic resources and offers worldwide access. Students and faculty can access online information resources including CeRA, Krishikosh, online books, e-journals, and other online information resources. • Students can access the digital resources through Computer Laboratory well-equipped with latest 50 computers and internet connectivity. • Wi-Fi connectivity has been installed in all the hostels. Digital teaching resources and video conferencing facilities are accessible.
vii.	Institutional Database and Website updation	<ul style="list-style-type: none"> • The university maintains an internal digitalized database. • The website, www.gadvasu.in is consistently updated with Acts, Statutes, Regulations, Purchase procedures, Job opportunities, Prospectus and other relevant information.
viii.	Inter-Departmental Linkages	<ul style="list-style-type: none"> • Most of the research projects are handled by more than three scientists each and mostly involve more than two disciplines/departments and at times have collaboration with other national and international institutes also. • CAFTs (03) AICRPs (05), Network projects (06), Project Directorates (02) are also operational.
ix.	Monitoring Mechanism	<ul style="list-style-type: none"> • Academic programs are conducted and overseen in accordance with the rules and regulations stipulated by the regulatory bodies, like ICAR and VCI. • Teaching assessment/evaluation of the faculty is periodically done on point scale. For monitoring mechanism regular feedback from the students is also obtained both during the course and at the end of the course of the Academic session.
x.	Institute Quality Assurance Cell / PME Cell	<ul style="list-style-type: none"> • The University has established quality assurance cell comprising of various monitoring committees at department, college and university level, supervised by conveners for each committee. The board of management is the ultimate governing body. • The PME Cell oversees and manages research activities, including priority setting, proposal review, progress evaluation and resource allocation, enabling university administration in ensuring accountability and relevance in research endeavors.
xi.	Collaboration with Other Academic Institutions and Industry	<ul style="list-style-type: none"> • The University has developed several international (09) and national collaborations (47) for Teaching/ Research/ Extension in Animal Husbandry, Dairy, Fisheries and Veterinary Sciences.

2. Academic Support	i. Academic Council	<ul style="list-style-type: none"> • There is Academic Council (highest academic body at University Level) as per the Act, which regularly holds meetings and during the period under report 75 meetings have been held.
	ii. Innovations and Best Practices	<ul style="list-style-type: none"> • The University promotes online activities and procedures by facilitating student's registration and fee deposition via online portal. • The University established an AR/VR Laboratory to enhance learners' skills through simulation, augmented reality, and virtual reality, equipped with pre-loaded equipment and self-developed modules. • The University allocates time slots for tutorial groups, providing students with advisors for problem-solving sessions. • University also participates in international student exchange program aimed at technology exposure and has collaboration between India, Canada, Germany and Brazil under the CREATE program. • The COVS, Ludhiana is also having WOAH funded Curriculum Twining program in collaboration with University of Calgary and University of Saskatchewan, Canada for improving the competencies of veterinary graduates.
	iii. Library	<ul style="list-style-type: none"> • The University Library, situated within the College of Veterinary Science compound, offers a convenient location to all commuters. • It provides Wi-Fi access for students, researchers, and faculty members. • Has a collection of over 28,000 resources, including books, journals, theses, and online titles, carefully selected based on faculty and student recommendations. • Library offers a seating for 145 readers across with two well-equipped reading rooms. • The University Library introduced 3D printing technology for farmer education, creating various educational models to benefit stakeholders.
	iv. Centre for excellence/ Advance Studies/ Centre for Advanced Faculty Training (CAFT)	<ul style="list-style-type: none"> • The University has three ICAR Centers of Advanced Faculty Training (CAFT) in the Departments of Veterinary Surgery & Radiology, Veterinary Gynaecology & Reproduction and Veterinary Pathology of the College of Veterinary Science. • These centers have trained 168 faculty/ scientists of SVUs/ SAUs/ ICAR institutes from all over the country in the last five years and 875 till date.
	v. Incubation Centre	<ul style="list-style-type: none"> • Supported by ICAR, the university currently operates a skill development center offering training to farmers, youth, and women in entrepreneurship, conducted both in labs and on farms. • The university's multispecialty veterinary hospital serves as an incubation center for undergraduate and postgraduate veterinary students, and other PG

			<p>Diploma, Certificate & other Training Courses with variety of clinical cases in small and large animals.</p> <ul style="list-style-type: none"> • Through a Public Private Partnership, the university has established a modern automated Poultry Processing Plant aimed at providing industrial exposure to students and training to farmers, serving as a revenue generation model and a sustainable platform for scaling up novel technologies. • The university has established a Model Milk Plant on its premises to train the students in technical skills and benefit the local dairy farms.
	vi.	Technology Enabled Learning Resources	<ul style="list-style-type: none"> • The university has a robust intranet connecting 800 nodes and internet access at 100mbps via the National Knowledge Network, ensuring uninterrupted connectivity. • The University implemented Moodle LMS for remote teaching during the COVID-19 pandemic. • The University has access to the Consortium for e-Resources in Agriculture (CeRA), India Agristat, and a collection of 489 online book titles, along with technical videos developed by faculty on veterinary practices.
	vii.	Integrated Learning System (Experiential Learning)	<ul style="list-style-type: none"> • In all eight experiential learning units sanctioned by the ICAR are operational in the university, 5 (COVS), 2 (COF), 1 (CODST). • All modules are based on Hands-on-training module. Out of these 7 are for Learning modules and one is with profit sharing with the students. Even PG students have been enrolled in four of the EL modules.
	viii.	Academic- Industry Interface	<ul style="list-style-type: none"> • University has eight ongoing collaborations with various industry partners. • The collaborations aim to promote scientific dairy farming through ETT, use of waste as alternative feed ingredient, development of diagnostics and training of value addition of products. • Trainings are organized for the benefits of the different category workers of the industry.
	ix.	National Ranking (ICAR/MHRD)	<ul style="list-style-type: none"> • In 2018, ICAR has ranked the University, first among the State Veterinary universities and Eighth among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. • ICAR in 2019 ranked the University first among the State Veterinary universities and Seventh among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. • In 2020, ICAR ranked the University second among the State Veterinary universities and Eighteen among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. • NIRF 2023 ranked the university, as second among the state veterinary universities and 21st rank in Agriculture and Allied Sectors.
3. Research Support	i.	Research Council	<ul style="list-style-type: none"> • The University's Research Council meet twice a year under the chairmanship of Vice-Chancellor. While its subcommittees are the Research Review Committee (RRC) and the Project Monitoring and

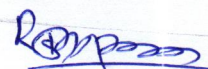
		Evaluation Committee, that meet on monthly basis.
ii.	Directorate of Research	<ul style="list-style-type: none"> • The Director of Research is in place and oversees all the research related activities of the university. • The Director of Research is also assisted by Additional Director of Research and Coordinator of Research. • Each department has its own Research Review Committee, and A Project Monitoring/ Evaluation Committee which functions at the university level. • A total of 102 research projects were operational in the university during the period under report.
iii.	Technologies Developed and their Adoption	<ul style="list-style-type: none"> • The university has developed a considerable number of technologies that have been embraced and utilized by farmers/stakeholders.
iv.	Research Publications (based on the work carried out in University)	<ul style="list-style-type: none"> • During the period under report 1253 research papers [626 (50%) with >6.0 NAAS Rating] have been published in Journals of National and International Repute.
v.	Innovations and Best Practices	<ul style="list-style-type: none"> • The University motivates scientists to compete for projects for extra-mural funding. • The faculty is actively encouraged to engage in both national and international training opportunities, as well as to participate in symposia and conferences. • Appreciation Awards are given to scientists bringing high end research projects/funding. • Quality research is an important component of the promotion.
vi.	IPR Cell / ITMU	<ul style="list-style-type: none"> • The university has established a full-fledged IPR cell. • The university encourages faculty and researchers to conduct innovative research leading to intellectual properties, benefiting research sponsors, faculty, industry, and the broader community. • It ensures timely disclosure of faculty and researchers' inventions for intellectual property protection, maintaining scientific and intellectual freedom while meeting obligations to research sponsors. • ITMU meets regularly under the chairmanship of Director of Research.
vii.	Central Instrumentation Unit	<ul style="list-style-type: none"> • The University has a Central Instrumentation Unit functioning under the control of Directorate of Student Welfare – cum – Estate Organization. The unit manages civil and electrical wings, oversees work related to civil works, public health, refrigeration, electrical maintenance, and renovations. • The University also offers a Centralized Research Laboratory, the facilities for which are also available in the College of Animal Biotechnology and Multispecialty Referral Hospital for various disciplines.
viii.	Global Support	<ul style="list-style-type: none"> • The University has developed several international

			<p>and national collaborations for teaching, research, extension/ welfare of the stakeholders.</p> <ul style="list-style-type: none"> The university operates bilateral faculty and student exchange programs with international universities. Additionally, an effective arrangement for Adjunct Faculty is in place to support the faculty.
	ix.	CSR Funding	<ul style="list-style-type: none"> The Khush Foundation offers fellowships to undergraduate students (2 each for BVSc & AH and B. Tech. (DT) and 1 for B.F.Sc. @ Rs. 1200/month for students of rural background) across all colleges within the university. The total funds disbursed during the report period are Rs. 11.52 lakhs. Research projects (13) are sponsored by industries with total funds received to the worth Rs. 149.45 lakhs during the period under report. Milkfed has provide infrastructure support for training of B.Tech. (DT) students.
4. Extension Support	i.	Extension Council	<ul style="list-style-type: none"> Extension Council is in place and meets under the chairmanship of the Vice-Chancellor with Director Extension Education as one of its appointees. Four meetings of the council have been held in last five years.
	ii.	Directorate of Extension Education	<ul style="list-style-type: none"> The Director Extension Education looks after extension activities of the university, transfer of technology, organization of Pashu Palan Mela, exhibitions and extension publications. Directorate also looks after training programs and other flagship initiatives of the Government of India. Three KVKs are operational at Tam Taran, Barnala and Mohali and three RRTC at Bathinda, Hoshiarpur and Tam Taran.
	iii.	Extension Planning and Technological Impact	<ul style="list-style-type: none"> On Farm Trials (OFT) and Front-Line Demonstrations (FLD) are conducted regularly to showcase the impact of new technologies and innovations to the stakeholders. Various extension activities like Pashu Palan Mela, regional Melas, exhibitions, and awareness days are used to showcase technologies developed by the university. Progressive livestock farmers are brought together through association formation, providing them with technological support and feedback mechanisms for evaluation.
	iv.	Implementation of National Initiatives	<ul style="list-style-type: none"> The University has embraced and executed several national-level initiatives in accordance with the prescribed procedure. The university has implemented the Student READY program along with other government initiatives such as Farmer FIRST Project and Green Initiative.
	v.	Innovations and best Practices	<ul style="list-style-type: none"> Farmer friendly tele-advisory services, YouTube channels, mobile applications, videos and literature are being offered. Pashu Palan melas being organized twice every year for dissemination of livestock related best practices to farmers. Villages being adopted to make them model villages.

	vi.	Consultancy/ Certification/ Testing	<ul style="list-style-type: none"> The university through its different colleges and department provide consultancy, training, testing, diagnostics and certification services.
5. Faculty and staff Development	i.	Recruitment and Promotional Avenues	<ul style="list-style-type: none"> A clearly outlined recruitment procedure is in place as per ICAR norms. The Career Advancement Scheme is implemented for the promotion of the faculty using API system. Direct recruitments are conducted for all positions, as per ICAR norms.
	ii.	Participation of Faculty in National and International Seminars/ Workshops/ Symposia	<ul style="list-style-type: none"> The university encourages faculty participation in national and international symposia, conferences, and similar events. During the period under report, faculty participated in 183 international and 421 national symposia, conferences, and similar events. Faculty members are also sponsored for training programs abroad. Under the NAHEP-IDP project, 34 faculty members went abroad for training at different institutes.
	iii.	Incentives for Excellence / Faculty Recognition	<ul style="list-style-type: none"> Best teacher award sponsored by ICAR is awarded by the university. Faculty members are recognized with university's awards for Best Teacher, Researcher, Best Clinician and Extension Worker. Appreciation certificates are granted for securing competitive grants. Additionally, exceptional services rendered by non-teaching staff are duly acknowledged.
	iv.	Capacity Building and Trainings	<ul style="list-style-type: none"> Human Resource Management Centre is in place to oversee faculty and staff capacity building and trainings. University encourages young faculty and students to avail Post-doc fellowships and Ph.D. position at reputed institutes of India & abroad. Trainings are routinely organised at the university for the field veterinarians and farmers. Extensive Capacity Building under ICAR NAHEP-IDP undertaken in the university. Thirty-four faculty members went abroad for training at different institutes and 120 were trained at national institutes.
6. Student Development	i.	Scholarships / Stipend	<ul style="list-style-type: none"> Scholarships to meritorious UG (Rs. 1000/month on the basis of score/ rank/ marks obtained in the qualifying test/ examination merit list for the admission), PG (Rs. 4000/month – 1 fellowship for every 4 students or a part thereof in each department) and Ph.D (Rs..6,000/ month – 1 fellowship for every 4 students or a part thereof in each department) are given. Based on merit & financial status 10% students are given 100/50/333% tuition fee waiver.
	ii.	Extra and Co-curricular Activities	<ul style="list-style-type: none"> Sports and cultural events are organized regularly every year. Students also participates in inter agricultural sports and youth festivals and have won awards. Additionally, students actively participate in RVC/NSS/NSO/CCA activities.
	iii.	Health Insurance	<ul style="list-style-type: none"> The university shares PAU health centre facility located on common campus through MoU. Health centre provides various facilities such as Out Patient Department (OPD), Clinical Pathology,

			<p>Biochemistry, X-Ray, Ambulance and indoor patient department.</p> <ul style="list-style-type: none"> • Staff and students engaged in clinic work and post-mortem examinations receive complimentary Rabies vaccinations. • All students are covered under group Health Insurance.
	iv.	Sports and Cultural Facilities	<ul style="list-style-type: none"> • Outdoor sports facilities are being shared with PAU on MoU. • Indoor and some outdoor games facilities have been provided in boys and girls hostels. • Gyms are also provided in girls and boys hostels.
	v.	Student Counseling and Placement Cell	<ul style="list-style-type: none"> • Centralized Student Counseling and Placement is functional in the university. • Guide and help students of all the constituent colleges in suitable job placement.
	vi.	Disabled Friendly Ability	<ul style="list-style-type: none"> • Newly constructed buildings are disable friendly with availability of ramps and elevators. • Additionally, these new buildings feature accessible washrooms for physically challenged individuals.
7. Infrastructure	i.	Physical Facilities Including Administrative Building and Necessary Land	<ul style="list-style-type: none"> • There are separate buildings designated for administration, colleges, farms, and hostels, as well as facilities such as a veterinary hospital, dairy milk plant, and guest houses. • Sufficient land is also allocated for fodder production (142 acres), fish ponds (15 acres), etc.
	ii.	IT infrastructure	<ul style="list-style-type: none"> • 800 LAN nodes; Net connectivity through NKN is available. • Wi-Fi in library and hostels. • Video conferencing available. • Digital repository and smart and virtual class rooms are available.
	iii.	Student and Staff Amenities	<ul style="list-style-type: none"> • Adequate student and staff amenities available on campus and also shared with PAU.
8. Financial Resource Management	i.	Budget Allocation (Salary: Contingency)	<ul style="list-style-type: none"> • Funds for salary (Rs. 377.10 crores from State Govt.) and contingency (Rs. 132.45 crores from Govt. and Rs. 18.61 crores from own internal resources) were received by the university and allocated to different constituent colleges. • Funds (Rs. 13.26 crores) were also received through the ICAR development.
	ii.	Finance Committee	<ul style="list-style-type: none"> • Is in place under the chairmanship of the Vice-Chancellor and consists of the Principal Secretary (Finance), Govt. of Punjab, the Financial Commissioner (Animal Husbandry, Dairy & Fisheries), Govt. of Punjab and Comptroller of the university. A total of 10 meetings were held during the period under report.
	iii.	Internal Resource Generation	<ul style="list-style-type: none"> • A total of Rs. 165.87 crores have been generated through consultancies, certification, testing, tuition fee, licensing fee, training, sale of inputs, etc. during the period under report.
	iv.	Resource Mobilization Through External Funding	<ul style="list-style-type: none"> • The university actively secured good amount of external funds from ICAR, DBT, DST, SERB and NLM. A total of Rs. 102.71 crores were received from these agencies under the report period.

	v.	Financial Delegation to Deans and HoDs	<ul style="list-style-type: none"> Financial powers have been delegated as per approved statutes and regulation. The Vice-Chancellor is competent authority and has full financial powers in all aspects. The Deans/ Directors/ Officers have financial powers maximum up to Rs. 2.0 lakhs. The HoDs have financial powers maximum up to Rs. 1.0 lakh.
	vi.	Per cent Finance Utilization in Last Five Years	<ul style="list-style-type: none"> The university has utilized 83.56% (Rs. 685.11/819.87 crores) of the grant in the last five years.
9. Accomplishments	i.	Regional, National and International Awards for the University	<ul style="list-style-type: none"> Highly ranked state university in the last five years. Faculty and students have won several international and national awards, fellowships, certificates etc.
	ii.	Accreditation from ICAR/other Agencies and Follow up on its Recommendations	<ul style="list-style-type: none"> ICAR accredited the University and constituent colleges in 2018. University eligible for grants under section 12 (B) of UGC Act 1956
	iii.	Inter Institutional Standing	<ul style="list-style-type: none"> ICAR has ranked the University, first among the State Veterinary universities and Eighth among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. In 2018. ICAR in 2019 ranked the University first among the State Veterinary universities and Seventh among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. In 2020, ICAR ranked the University second among the State Veterinary universities and Eighteen among the Agricultural/ Veterinary universities/ ICAR Research Institutes of India. NIRF 2023 ranked the university, second among the state veterinary universities and 21st rank in Agriculture and Allied Sector.
	iv.	Socio-Economic Impact	<ul style="list-style-type: none"> Different recommended agricultural practices at the field level under Farmer First scheme increased farmer's income. Training and technology transfer from the university improved the milk yield (30.57% in goats, 8.07% in cattle and 4.72% in buffaloes). Adopted 05 villages to make them Model for improved livelihood.
	v.	International Collaboration	<ul style="list-style-type: none"> Has collaboration with nine international institutes for teaching and research. Collaboration is also there for the faculty students exchange.
	vi.	Fund Raising Through CSR	<ul style="list-style-type: none"> The university received 170 lakhs of rupee funds under CSR for strengthening of women Self Help group for livelihood security, improving production and reproduction of dairy animals.
	vii.	Alumni Support	<ul style="list-style-type: none"> The University has active alumni associations. Alumni associations foster networking, support, and professional development among graduates while enhancing institutional connections and promoting lifelong learning. The association raises funds through a Rs. 1000



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			registration fee per member, which are used for publishing a bi-annual Veterinary Alumnus Magazine, updating alumni veterinarians.
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