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PROSPECTUS 2021

for

**Admission to Undergraduate, Master's and
Ph.D. Degree Programmes**

2021-22



**BIHAR ANIMAL SCIENCES
UNIVERSITY**

PATNA – 800 014 (BIHAR)

December

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PROFILE OF THE UNIVERSITY

Bihar Animal Sciences University (BASU) has been established with its headquarter at Patna through an act of Bihar State (BASU Act No. 15 of 2016, notified in the Bihar Gazette on 29 August 2016). The new University has been carved out of the Bihar Agricultural University, as two of its constituent colleges at Patna viz. Bihar Veterinary College and Sanjay Gandhi Institute of Dairy Technology were transferred to BASU, whereas a new College of Fisheries was inaugurated on 13 June, 2018 and has started functioning at Kishanganj. To further expand the horizon of the University and strengthen the research and outreach, following research institutes, research stations and substations are being transferred to BASU viz. Institute of Animal Health and Production, Patna, Exotic Cattle Breeding Farm, Patna, Central Poultry Farm, Patna, Government Cattle Farm, Gaya and Government Buffalo Farm, Sipaya (Gopalganj). The University is functioning at Patna in the Bihar Veterinary College Campus near Jai Prakash Narayan International Airport, Patna.

OBJECTIVES

- To impart education in Veterinary Science, Animal Husbandry, Poultry, Fisheries, Dairy and other allied branches of learning.
- To further the advancement of learning and conducting of research, particularly, in Veterinary and Animal Sciences, Dairy, Fisheries and other allied sciences.
- To undertake the extension of education of such sciences and technologies that are relevant for the livelihood of rural people of the state.
- To facilitate and ensure qualitative improvement in the teaching and learning processes and methodology.
- To facilitate and ensure quality research in the contemporary and frontier areas of animal science and technologies.
- To facilitate the need for an organized process of lifelong learning.
- To disseminate knowledge and findings emerging in the University, its colleges, and institutions.
- To establish partnerships with the industries and other entities working in animal science and technology and agriculture manufacturing.
- To establish Hospital for treatment/ research-role of the University.
- Such other purposes as the University or Government may advise from time to time.
- To establish Dairy processing plant for production of quality dairy products, advancement of research and to import hands on training to the dairy students.

OFFICERS OF BIHAR ANIMAL SCIENCES UNIVERSITY

1. Dr. Rameshwar Singh, Vice-Chancellor
2. Dr. (Captain) A.G. Bandyopadhyay, Registrar
3. Dr. Veer Singh, DRI-cum-Dean, PGS
4. Dr. Ravindra Kumar, Director Research
5. Dr. R. K. Trivedi, Director Students Welfare
6. Dr. A. K. Thakur, Director Extension Education & Dean, SGIDT
7. Dr. Ravindra Kumar, Finance Comptroller
8. Dr. J. K. Prasad, Dean, BVC
9. Dr. V.P. Saini, Dean, COF, Kishanganj
10. Dr. K. G. Mandal, Controller of Examination

The Faculties of The University: There are three faculties in the University, namely:

1. Faculty of Veterinary and Animal Sciences, Patna
2. Faculty of Dairy Technology, Patna
3. Faculty of Fisheries Sciences, Kishanganj

COLLEGES, FACILITIES AND PROGRAMMERS OFFERED

BIHAR VETERINARY COLLEGE

Bihar Veterinary College, Patna, the 5th oldest Veterinary College in undivided India, was laid down on 2nd April, 1927 by Sir Henry Wheeler, the then Governor of Bihar & Orissa. The buildings were completed, laboratories were equipped but



teaching and professional staff joined the college in 1930. However, the college started functioning w.e.f. 7th April, 1927. The College made tremendous progress under the guidance and supervision of Dr. R. T. Davis, the first Principal of this historic College with a team of renowned scientists specialized in Breeding, Feeding, Management and Disease control of Livestock and Poultry. During the post-independence period, Bihar Veterinary College developed to its full capacity and occupied a prestigious status associated with strong academic base for teaching and research in the field of Veterinary Science and Animal Husbandry as well as advanced Veterinary clinical services to the society.

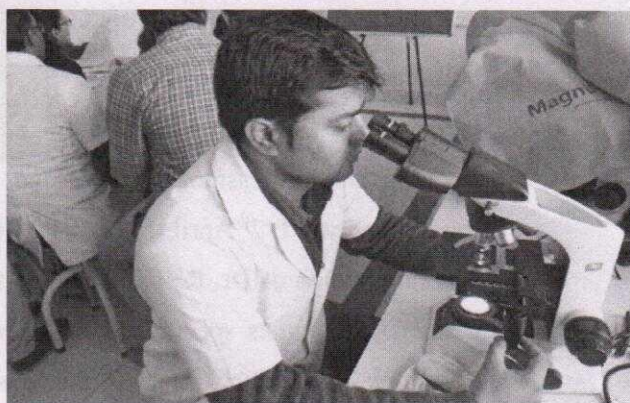
Bihar Veterinary College, Patna, for a long time, provided quality Veterinary education and training not only to the candidates from Bihar and Orissa but also from several other states (U.P., Meghalaya, Mizoram, Tripura, Jammu & Kashmir, Assam, Himachal Pradesh etc.) of the country as well as from developing countries like Nepal, Bhutan, Afghanistan, Iran, Malaysia etc. Graduates of this college are spread all over the world and have occupied coveted and prestigious positions in State and Central Government, State Agricultural Universities, Research Institutes and National as well as Multinational Industries. It can be mentioned with proud that Dr. C. M. Singh, Dr. B. S. Rajya, Dr. G. C. Mohanty, Dr. O. N. Singh, Prof. A. Ahmad, Dr. H. R. Mishra, Dr. R. B. Prasad, Dr. V. S. Pandey, Dr. D. V. Singh, Dr. G. Biswal, Dr. D. C. Nayak etc. are /were among the glittering alumni of this alma mater.

In the beginning (1930-1949), a three-year diploma course was started awarding G.B.V.C. (Graduate of Bihar Veterinary College) Diploma. Keeping pace with the advancement of Science and Technology, four-year degree course awarding the degree of B.V.Sc. & A.H. was started in 1949. An emergency Diploma-Shift-Degree course was

introduced in the year 1954-55. The professional competency of diploma holders was also updated by subjecting them to "Condensed degree course" of two years and awarding B.V.Sc. & A.H. degree. The first batch of regular degree holders, admitted in 1949, came out in 1953 and became one of the stake holders of the Livestock and Poultry Resources of India, in general and Bihar and its neighbouring states in particular.

FACILITIES AVAILABLE: Laboratories, Instructional Farm, Veterinary Clinics, Hatchery etc.

All the departments of college are well equipped with the laboratories for undergraduate teaching as per Veterinary Council of India and for post graduate teaching as per ICAR guidelines. The college has a dedicated Centre or Unit for providing diagnosis of infectious and non-



infectious animal diseases. Diagnostic facilities like X-ray endoscopy, ultrasonography blood biochemical analyzer histopathology, antibiotic sensitivity test, infectious disease diagnosis etc. are available at Veterinary Clinical Complex (VCC). The faculty of different departments viz. Microbiology, Pathology, Parasitology and Biochemistry contribute together in diagnostic services. Large number of cases are attended in the clinical complex and the samples are processed for diagnosis. Similarly, samples from the field are also received from government hospitals/ farmers and practitioners. As required the faculty of other departments such as Pharmacology, Animal Nutrition, Veterinary Public Health and Epidemiology as well as Veterinary Physiology also help in the diagnosis. The confirmatory disease diagnosis is the core activity being undertaken by the College to support the veterinarians and farmers of the state. The clinical and para-clinical departments collect, transport and analyse lots of morbid necropsied and other variety of samples (biological fluids including discharges, blood serum and plasma) tissue samples, urine, faecal samples etc. for microbiological, pathological, biochemical and toxicological evaluation. The quick and confirmatory diagnosis helps the clinicians and consultants to institute suitable therapeutic, preventive and curative measures. Besides this active and passive surveillance under All India Coordinate Research Project (AICRP) on Animal Disease Monitoring and Surveillance (ADMAS) and AICRP on Foot

& Mouth Disease (FMD) are also undertaken so that baseline data for the state of Bihar are generated for use in policy making.

As a part of experiential learning a Critical Animal Care Unit under the Department of Veterinary Medicine (with the funding of ICAR) and Model Demonstration unit of slaughter of small animals under the Department of Livestock Products Technology (University funded) has been established for providing practical training to the UG students of the college.

The Livestock Farm Complex (LFC) is having about 30 acres land out of which about 25 acres is under fodder cultivation and is maintaining different livestock units for fulfilling the needs of university mandates of UG/PG teaching, research and extension activities. The UG/PG students are being fully exposed in management of farm practices and animal treatment at LFC. At present the department is maintaining a dairy herd of 70 animals and a sheep and goat unit. The department also maintains a state of art poultry unit with setter unit (16000 capacity) and hatcher unit (10000 capacity) under Poultry Seed Project. The poultry unit maintains parent stock of Vanraja breed (1800 Nos), breeding stock of Japanese quail (300 Nos) and demonstration unit of Kadaknath.

COLLEGE LIBRARY

The Bihar Veterinary College is a constituent college of Bihar Animal Sciences University which maintains a well-equipped central library at the university level with all the relevant reading materials to cater the needs of the students, teachers and extension specialists of the university in the Bihar Veterinary College Campus itself. The library also maintains internet services, e-journal access and CD ROM facilities to its members.

STUDENT INTERNSHIP/EXPERIENTIAL LEARNING PROGRAMMES

The Internship programme is undertaken by students after completion of four-and-a-half-year period during the last twelve months of B.V.Sc. & A.H. degree programme. A successful completion of all the theory and practical courses is a pre-requisite to enroll for an internship programme. Depending upon the number of students they are divided into batches. During the period of internship programme the students are rotated in different clinical and para-clinical departments of the college for a period of three months. Out of threemonths the majority of the period spent in the clinical departments comprising of Gynaecology, Medicine and Surgery where the interns are entrusted with a round the clock responsibility. The interns are trained in cattle production and management in the livestock farm of the university for a period of three weeks. The students are also exposed to the facilities managed

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by the State Animal Husbandry Department at different places such as Semen Processing Station, Zoo Veterinary polyclinic and Pet clinics. The students are sent outside the state in National Institutes for their exposure and field training like IVRI, NDRI, BAIF etc. The representatives of various pharmaceutical companies also interact and address the interns. The interns are paid an amount of Rs 5000/- per month as an internship allowance. At the end of the internship, each student is evaluated and those found with satisfactory performance are awarded degree.

HOSTEL ACCOMMODATION

Separate hostels for boys and girls are available at Bihar Veterinary College Patna.

Hostel accommodation cannot be claimed as a matter of right. With the permission of the competent authority



and guardian, students can be allowed to stay outside the hostel as day scholar.

EXAMINATION HALL

The examinations are being conducted in the lecture cum examination hall complex of the college. The External Examination and Evaluation Cell has been established at University level with all latest facilities required for the conduct of examinations.

EXHIBITION HALL/MUSEUM

The department of Veterinary Extension Education is maintaining a museum for display of various activities of the college through posters and models.

EMPLOYABILITY

The students who are graduated from this college have 100% employability. Majority of our graduates, around 80%, are employed by the government sector in the Department of Animal Husbandry as Veterinary Officers. Many of these veterinary officers join after their B.V.Sc. & A.H. whereas around 15-20% join after obtaining their specialization. Around 5-10% of graduates who opt for higher studies find a satisfying career in institutes of highest learning in research and academia (universities, ICAR institutes) both in India and abroad. Veterinary graduate students also join other reputed organizations like COMFED, JIVIKA, RVC, SSB etc.

NEW INITIATIVES

ESTABLISHMENT OF VETERINARY EMERGENCY RESPONSE UNIT (VERU)

Veterinary Emergency Response Unit (VERU) was established in the college during Kosi flood in the year 2008-09 in collaboration with World Animal Protection (WAP), New Delhi. The basic objective of creating Veterinary Emergency Response Unit in this college is to develop human resources capable of conducting rescue of animals during disaster and also to prevent any outbreak of diseases post disaster as well as to conduct impact of such incidents and be prepared for future. The training comprises of a series of lectures spread over 4- days rigorous training including table top and field exercises.

Animal Disaster Management certificate course for students of Bihar Veterinary College Patna was conducted from 03.05.2018 to 08.05.2018 by Veterinary Emergency Response Unit (VERU) of Bihar Animal Sciences University Patna. Twenty-three students of 4th year under graduate course completed it successfully. Under this programme the students were exposed to five days' theory classes on prefix animal disaster lecture module and one-day simulation exercise at 9th Battalion NDRF, Bihta (Bihar) and got hands-on- training. This programme is first of its kind in the country which imparts specialized training to Veterinary students.

Regular training of veterinary Doctors of the Animal Husbandry department, GOB is being imparted apart from training to NDRF and SSB personnel. Training has also been organized for trainers by VERU unit of this college. This helps in creating human resources capable of working as trainers and work under disaster situations to save precious livestock.

UNDERGRADUATE DEGREE PROGRAMME

Bachelor of Veterinary Sciences and Animal Husbandry (B.V.Sc.&A.H.)

The Bachelor of Veterinary Sciences and Animal Husbandry (B.V.Sc. & A.H.) degree course offered at Bihar Veterinary College (Bihar Animal Sciences University) is a full-time five and a half year duration undergraduate course as per Minimum Standards of Veterinary Education issued by the Veterinary Council of India (2016). This programme aims to prepare young professionals expertise in animal production, animal health management and veterinary medicine to be responsible and responsive to the demands of society in an ever-changing environment.

Eligibility: Higher Secondary / Intermediate/ 10+2 or equivalent examination from any recognized Board or Council with Physics, Chemistry and Biology is the eligibility criteria for admission in B.V.Sc& A.H. degree programme. Candidates are admitted on the basis of merit/marks obtained in the National Eligibility-cum-Entrance Test-UG (NEET-2021) conducted by National Testing Agency (NTA). Counselling of the candidate will be conducted by the Bihar Combined Entrance Competitive Examination (BCECE) Board, Patna for admission to B.V.Sc.&A.H degree programme.

NUMBER OF SEATS (TOTAL 60)

Seats filled up through counselling by the BCECE Board (85%)	51
Seats filled up through All India Quota by the Veterinary Council of India (15%)	09

ADMISSION PROCEDURE

All the candidates, who desire to take admission in B.V.Sc. & A.H. degree course at Bihar Veterinary College, Patna, and appeared in NEET(UG)-2021 conducted by National Testing Agency (NTA) advised to visit the BCECE website: <https://bceceboard.bihar.gov.in> or <https://ntaneet.nic.in> for further information.

POST GRADUATE DEGREE PROGRAMMES

Post graduate course curriculum is expected to build knowledge and skill portfolio of students so as to enhance their employability and marketability as multi-service providers with practical skills and comprehensive knowledge in the subject after qualifying for Master's and doctorate degrees. The doctorates should, in turn, prove as specialists in the field of their specialization with aptitude and analysis for undertaking specialized and advanced research activities.

MASTER OF VETERINARY SCIENCE (M.V.Sc.) PROGRAMME

Master of Veterinary Science (MVSc) degree programme is of two years duration covering four semesters offered at BVC, Patna. The candidates seeking admission in Master's Degree Programme must have Bachelor's Degree in Veterinary Science (B.V.Sc&A.H) as specified by Veterinary Council of India with a minimum of 60% marks in aggregate (55% for SC/ST) or equivalent OGPA as eligibility criteria.

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OGPAout of	GENERAL/BC/EBC/EWS/WBC/PH	SC/ST
4	2.60	2.40
5	3.25	3.00
10	6.00	5.50

The subjects/disciplines in which M.V.Sc.Degree will be offered are:-

Sl. No.	Departments	Seats available
1.	Livestock Production Management	4
2.	Veterinary Surgery and Radiology	4
3.	Veterinary Pharmacology & Toxicology	5
4.	Veterinary Pathology	4
5.	Veterinary Microbiology	4
6.	Veterinary Medicine	4
7.	Animal Husbandry Extension Education	2
8.	Veterinary Anatomy	4
9.	Animal Genetics & Breeding	2
10.	Livestock Products Technology	3
11.	Veterinary Public Health & Epidemiology	3
12.	Veterinary Physiology	1
13.	Veterinary Parasitology	3
14.	Veterinary Biochemistry	3
15.	Animal Nutrition	5
16.	Veterinary Gynaecology and Obstetrics	3
	Total	54

Note :

1. The category-wise distribution of seats as per the reservation policy of Govt. of Bihar will be notified later on the University website.
2. 25% in above mentioned seats will be filled through ICAR quota. In case the seats remain unfilled the same will be filled through State quota.
3. 5% of total seats are reserved for Divyang student (DQ Category), they will be considered in their respective reservation categories.

A. ELIGIBILITY REQUIREMENT:

- a. A general category candidate should possess at least 60% marks in aggregate or OGPA of **6.0/10.0** and in the case of BC/EBC/SC/ST, 55% marks in aggregate or 5.5/10.0 OGPA in Bachelor's Degree.
- b. A candidate who is undergoing internship programme of Bachelors' Degree is also eligible to apply provisionally for admission. However, he/she must have final result with required OGPA, Provisional Degree Certificate and Transcript on or before the date of counselling.
- c. Candidate should have qualified the ICAR-AIEEA(PG) examination 2021 conducted by ICAR.
- d. **Admission to Master's Degree Program is open to Domiciles of Bihar only.**

B. ADMISSION PROCEDURE

- a. Selection of candidate will be made on the basis of ICAR-AIEEA(PG) 2021 merit. The candidates will have to opt the subject at the time of counselling based on seat availability and reservation policy of Bihar Government.
- b. Merit list shall be prepared for the candidates who apply for admission.
- c. In case of a tie of score, performance at Bachelor's Degree level examination will form the criteria. If performance at the degree level is also equal, then seniority in the age would determine the priority.

DOCTORAL DEGREE PROGRAMME(Ph. D.)

The candidate must have M.V.Sc Degree in the concerned discipline from a recognized institute/university. The disciplines of study and number of seats for Ph.D for academic session 2021-22 are given below:

Sl. No.	Department	Seats available
1.	Livestock Production Management	3
2.	Veterinary Surgery and Radiology	2
3.	Veterinary Pathology	2
4.	Veterinary Microbiology	2
5.	Veterinary Medicine	2
6.	Animal Husbandry Extension Education	1
7.	Animal Genetics & Breeding	1
8.	Veterinary Public Health & Epidemiology	2
9.	Animal Nutrition	2
10.	Veterinary Gynaecology and Obstetrics	2
	Total=	19

Note :

1. The category-wise distribution of seats as per the reservation policy of Govt. of Bihar will be notified later on the University website.
2. 25% in above mentioned seats will be filled through ICAR quota. In case the seats remain unfilled the same will be filled through State quota.
3. 5% of total seats are reserved for Divyang student (DQ Category), they will be considered in their respective reservation categories.

A. ELIGIBILITY REQUIREMENT

- a. A candidate should possess at least 70% marks in aggregate or 7.0/10.0 in Master's Degree Program and in case of SC/ST, 65% marks in aggregate or 6.5/10.00 OGPA.
- b. A Candidate who is appearing in the Master's Degree Examination may also apply provisionally with score card for admission. However, he/she must have final result with required OGPA and Provisional Degree Certificate as well as Transcript on or before the date of counselling.
- c. A candidate can apply for admission to only one subject. No change would be allowed.
- d. Admission to Ph.D Program is open for the candidates having Domicile of Bihar only.

B. ADMISSION PROCEDURE

Selection of candidates will be made on the basis of score in ICAR-AIEEA(PG) 2021 examination. The candidates will have to opt the subject at the time of counselling based on seat availability and reservation policy of Bihar Government.

- a. Selection will be made on the basis of merit list based on the scores of candidates in ICAR-AICE- JRF/SRF (Ph.D)-2021.
- b. Merit list shall be prepared for candidates who apply for admission
- c. In case of a tie of Marks, performance at Master's Degree level examination will form the criteria. If performance at Master's level is also equal, then their age would determine the priority.

IMPORTANT DATES:

The dates for inviting application form, date of counselling, date of admission etc. for Master's & Ph.D. Programme will be notified later on the university website <https://www.basu.org.in>



ACADEMIC RULES

- University follows the Veterinary Council of India (VCI) rules and Minimum Standards of Veterinary Education (MSVE) Regulations 2016 for admission in Bachelor of Veterinary Science and Animal Husbandry – Degree Course. (For detailed information the candidates may visit website www.dahd.nic.in or www.aipvt.vci.nic.in).
- B.V. Sc. & A.H. Degree course shall comprise of a course of study consisting of curriculum and syllabus spread over 5½ complete professional years including a compulsory rotational internship of “one year” duration undertaken after successful completion of all credits.
- Medium of instruction for B. V. Sc. and A. H. degree course shall be English.
- Each professional year shall have at least two hundred ten instructional days excluding time spent for annual examinations.
- The annual examination shall be conducted prior to summer vacation for the year.
- The schedule of examination during Bachelor of Veterinary Science and Animal Husbandry course shall consist of internal assessment and annual examinations.
- **A candidate having attendance below 75% in a subject shall not be eligible to appear in the annual examination of that subject.**
- A student shall be promoted to next higher professional class only if he or she has passed in all the subjects of the respective class by obtaining at least 50% marks in theory (internal and external combined) and practical separately.
- After passing the fourth professional examination, every student of BVSc & AH degree course shall be required to undergo compulsory rotating internship to the satisfaction of the University for a minimum period of twelve calendar months so as to be eligible for the award of the degree of Bachelor of Veterinary Science and Animal Husbandry and full registration with the council.
- Courses in P.G. programme (M.V.Sc. / Ph.D.) shall be as per ICAR guidelines.

ADMISSION PREREQUISITES

This is to inform that all the candidates, who have been allotted seats for B.V.Sc. & A.H course, shall have to report at Bihar Veterinary College, Patna for admission on the dates which will be declared during the counselling at BCECE Board, Patna. The candidates have to deposit admission fee in the College by cash or through net banking or Debit card /

Creditcard. They must **bring all the documents in original (except those submitted at BCECE) along with Surety bond and Affidavit (format provided at the time of counselling).** The format for surety bond can be downloaded from University website (www.basu.org.in).

AGREEMENT BOND (FOR B.V.Sc&A.H)

Candidate selected for admission in B.V.Sc. & A.H. course will have to execute an agreement bond duly signed by his/her parent/ guardian at the time of admission on the prescribed format as in **Annexure – A**. Failure to execute the Agreement bond will lead to cancellation of admission.

A student who desires to leave the degree programme after closure of B.V.Sc.& A.H. admission or on any date of the subsequent years, irrespective of the fact shall have to pay a sum of Rs.300000/- (Rupees three lakh only) as penalty as per conditions of the bond.

SANJAY GANDHI INSTITUTE OF DAIRY TECHNOLOGY

Sanjay Gandhi Institute of Dairy Technology (SGIDT), Patna is now a constituent College of Bihar Animal Sciences University (BASU), Patna. Prior to that it was a part of Bihar Agriculture University (BAU), Sabour since 2010 and a part of RAU (Rajendra Agriculture University), Pusa since the inception of the institute i.e. from 1980.



SGIDT has been an ICAR accredited institute since 2017. The institute imparts state of the art teaching, research and extension in the area of Dairying encompassing Dairy Engineering, Dairy Technology, Dairy Microbiology, Dairy Chemistry, Dairy Extension, Dairy Cattle Nutrition, Animal Physiology and Reproduction, Dairy Economics Statistics and Computers. The institute runs a four - year degree programme leading to Bachelor of Dairy Technology (B. Tech-D.T.) and two year post graduate degree program, M. Tech (D. T.), at present. The institute has adopted the course curricula as per recommendation of the Dean's Committee constituted by the ICAR, New Delhi and presently the courses are offered as per ICAR 5th Deans' Committee. The SGIDT was established with the mandate to fulfill the requirements of Dairy Husbandry and Dairy Technology for upliftment and growth of farmers and entrepreneurs in dairy and food sectors of the state.

ACTIVITIES AND LINKAGES

Since inception the institute has provided high dividends in terms of excellent academic and research outputs. The institute has been producing B. Tech. (DT) graduates with spectacular placement records. Many students are persistently securing Junior Research Fellowship (JRF) and have qualified competitive examinations seeking admissions in National Dairy Research Institute (NDRI), Karnal and other State Agricultural Universities (SAUs) in India. A number of students have qualified CAT, GATE and are studying in IIMs, IRMA etc. Alumni of SGIDT are serving in many of the prestigious dairy plants like AMUL, COMFED (Bihar), Mother Dairy, Nestle etc. Besides, its alumni are also serving in various Government organizations, State Agricultural Universities, national Banks etc.

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Apart from teaching, scientists are involved in various research and extension activities. SGIDT is one of the collaborating centres in ICAR-ILRI research project entitled 'Development of Goat milk and meat value chain in Bihar and Uttar Pradesh'. The goal of the project is to sustainably improve the socio-economic condition of goat farmers, traders, butchers and other key factors involved in goat meat/milk value chain in selected districts of Bihar and Uttar Pradesh. Central Institute for Research on Goat (CIRG), Makhdoom, Mathura (UP) and International Livestock Research Institute (ILRI), Nairobi are the lead centres in this projects

STATUS OF THE INSTITUTE

The institute has several departments as per the order sanctioned by Bihar Government for teaching Research and Extension purposes in the field of dairy sciences. Presently under the recommendation ICAR Dean's Committee, five major departments for teaching undergraduate courses have been formed out of total nine departments sanctioned earlier. These are Dairy Technology, Dairy Engineering, Dairy Chemistry, Dairy Microbiology and Dairy Business Management. The Department of Dairy Business Management has merged the different courses of Dairy extension, Dairy husbandry, Computer and Statistics and Dairy Economics. With the passage of time a number of infrastructure development have taken place in its own campus at Jagdeopath Patna.

ACADEMIC STATUS

With the view of supply of trained graduates in Dairy Industry, the Government of Bihar sanctioned twenty five seats for admission of students earlier in BSc Dairy Technology courses. It has been upgraded since 2008 to B. Tech. Dairy technology course under ICAR^{IV}th Dean's Committee syllabus. The Hands on Training and Experiential Learning programme in seventh semester and In-plant Training in eighth semester have been incorporated in the syllabus to make students highly professional and practical for absorption in the industry. Later on since 2016 the syllabus is further upgraded by ICAR^Vth the Dean's Committee in which Student READY Programme is included in the semester breaks apart from hands on training and experiential learning programme and in-plant training programme.



TRAINING AND PLACEMENT CELL

OBJECTIVES:

1. To provide the facilities for Training and Student READY programs and In-plant training to students as per the ICARVth Deans Committee curriculum.
2. To provide placement opportunities to students in Govt. Organization like State Dairy Federation consisting of milk unions, Private dairy and Food plants, Multinational Dairy and Food Organizations.

TRAINING STIPEND

- Stipends are generally provided by the organizations imparting training to students.
- ICAR has made a provision to provide stipend for one semester at the rate of Rs. 3000/ per month to those students who do not receive any stipend from industries.

LABORATORIES

The institute has a central fine instrument laboratory and six other well equipped laboratories where students perform the practical and research.

CLASS ROOMS

The institute has air conditioned classrooms with audio visual presentation equipment and modern facilities. A new lecture theatre complex is under construction that shall be having one large hall on ground floor of 175 seats that may be utilized as auditorium as well as for organizing seminars, meetings etc. Two 48 seated lecture halls on first floor having all modern Audio Visual (AV) facilities and acoustics are also coming up. Engineering drawing laboratory, workshop laboratory, electrical technology laboratory, fluid mechanics laboratory and Instrumentation engineering laboratory will be extended in coming up new building of Dairy Engineering department apart from the existing dairy and food process engineering laboratory.

LIBRARY

The Existing library of SGIDT Patna provides facilities to support research teaching learning and scholarly communication across various disciplines. The library has aimed to become the informational hub for the students and the staff of the college to access national and international journals, periodicals, textbooks and reference books to the students for their

course work and research through CeRA. The library has a good collection of text books, reference books, few journals, project reports and internet facility for reference purpose. Besides this, there is a central university library of Bihar Animal Sciences University at



Bihar Veterinary College Campus Patna having good number of books on all the subjects, journals, periodicals, internet facility and CD – ROM reference databases to cater the need of students as and when required.

COMPUTER LABORATORY

The institute has a well-equipped computer centre and is connected through Local Area Network (LAN) for access to internet. Staff rooms and various laboratories have also been provided with internet connection through LAN. The faculties students and staffs use this laboratory for



training/ teaching computation report preparation and surfing the net for academic activities. Most of the faculties of the institute have been connected with the local area network (LAN) of the institute to have broadband internet access and other services at their desktop. One new Computer language laboratory has come up in the institute.

LANGUAGE LAB

A Language Lab is established in the institute for improving the communication skills of the students. A full batch of 25 students can practice different exercises under the supervision of a language teacher. The language software has already been procured. The process of procurement of computers is underway and very soon the language lab will become operational.

HOSTELACCOMMODATION

Adequate hostel facility is available for both boys and girls UG and PG students. The hostel inmates are provided with Volleyball and Badminton courts RO drinking water in-house mess and common room.

EXTENSION ACTIVITIES

Transfer of technology being one of the mandates of the institute it is actively engaged in dissemination of existing as well as developed technologies to the farmers for their upliftment and economic growth.

The institute has also been extending consultancy services on



the informal basis to dairy entrepreneurs in the state and has been instrumental in encouraging investment in fresh proposals and in up gradation of existing processing facilities in the dairy sector.

The institute has plan to set up a consultancy service cell to render these services on formal basis. Participation in extension programmes in adopted villages KrishiMela Agricultural Exhibitions TV and Radio interviews are a routine affair of the scientists in the institute.

The village Parsa has been adopted by the institute under the scheme 'MeraGaonMeraGaurav'. Two teams consisting of scientists of the institute have been constituted to pursue various activities and provide technical assistance and information to the farmers/ dairy farmers of the village.

BACHELOR OF TECHNOLOGY (DAIRY TECHNOLOGY)

B. Tech Dairy Technology is a four year Under-graduate Degree Course offered at SGIDT Patna. The course covers different aspects of milk production, milk processing, quality control and managing dairy plant operations as per recommendations of Indian Council of Agricultural Research (ICAR).

Eligibility: Higher Secondary / Intermediate/ 10+2 or equivalent examination from any recognized Board or Council with Physics, Chemistry and Mathematics or Physics, Chemistry, Mathematics and Biology. Candidate will have to qualify the Bihar Combined Entrance Competitive Examination (BCECE) conducted by BCECE Board, Patna Bihar.

1136

Number of seats (Total 30)

Seats will be filled up through entrance test of BCECE followed by counselling by BCECEB	30
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ADMISSION PROCEDURE

For details of eligibility and other information prospectus issued by BCECE Board Patna may be referred (<http://bceceboard.bihar.gov.in>)

MASTER IN TECHNOLOGY (DAIRY TECHNOLOGY)

The main subjects/disciplines of study in which M. Tech. (D.T.) Degree will be offered are:-

Department	Seats available
Dairy Microbiology	2
Dairy Chemistry	2
Dairy Technology	3
Total	07

Note

1. The category-wise distribution of seats as per the reservation policy of Govt. of Bihar will be notified later on the University website.
2. 25% in above mentioned seats will be filled through ICAR quota. In case the seats remain unfilled the same will be filled through State quota.
3. 5% of total seats are reserved for Divyang student (DQ Category), they will be considered in their respective reservation categories.

ELIGIBILITY REQUIREMENT

- (a) Candidates belong to general category should possess at least 60% marks in aggregate or OGPA of 6.0/10.0 and in the case of BC/EBC/SC/ST 55% marks in aggregate or 5.5/10.0 OGPA in Bachelor's Degree.
- (b) The candidate who is appearing in the final Examination for Bachelors' Degree Programme is also eligible to apply provisionally for admission with Score Card. However he/she must have final result with required OGPA, Provisional Degree Certificate and Transcript on or before the date of counselling.
- (c) Admission to Master's Degree Program is open for **Domiciles of Bihar only**

ADMISSION PROCEDURE

- Selection of candidate will be made on the basis of ICAR-AIEEA(PG) 2021 score. The candidates will have to opt the subject at the time of counselling based on seat availability and reservation policy of Bihar Government.
- Merit list shall be prepared for the candidates who apply for admission.
- In case of a tie of marks, performance at Bachelor's Degree level examination will form the criteria. If performance at the degree level is also equal, then seniority in the age would determine the priority.

Note:

- The University reserves the right to make addition or deletion in number of seats without any notice.
- The category wise distribution of seats would be as per the reservation policy of Govt. of Bihar.

IMPORTANT DATES:

The dates for inviting application form, date of counselling, date of admission etc. for Master's & Ph.D. Programme will be notified later on the university website <https://www.basu.org.in>

Details of application fee (Master's Degree):

Programme	General/OBC/BC/EBC/EWS/WBC/DQ	SC/ST
For Master's degree	Rs. 500/-	Rs. 125/-

Mode of payment: The payment of application fee shall be made by online/internet banking through university website <https://www.basu.org.in> (online payment link).

COLLEGE OF FISHERIES, KISHANGANJ

The idea of establishing College of Fisheries was envisioned as an innovative model while working on transformation of agriculture in Bihar and in that context realizing the potential of fisheries by none other than the Chief Minister of Bihar Shri Nitish Kumar and his agriculture advisor and former DG



of ICAR Dr. Mangla Rai. This was also a gesture to pay a sincere tribute to former president of India late DR. A. P. J. Abdul Kalam. The college has been established as an independent unit in the integrated agriculture college campus. While adopting global standard of academic practices the college differentiate itself by integrating cutting-edge technological education and research with sensitivity to the need of resource user communities thereby advancing an inclusive development agenda.

VISION

A credible fisheries education institution that nurtures the next-generation of professionals and entrepreneurs in the fisheries sector and contribute to the state and nation by pursuing innovation and research that is relevant to local needs and directed towards maximizing outcomes for economic social and environmental well being.

MISSION

Producing fisheries graduates and entrepreneurs with credible skills capabilities and commitment to transform the sector through innovative inclusive and sustainable technologies practices and policy inputs.

DEPARTMENTS: The College has the following departments-

1. Aquaculture
2. Fisheries Resource Management
3. Fish Processing Technology
4. Aquatic Environment Management
5. Fish Genetics & Breeding
6. Fish Biotechnology

7. Fish Physiology & Biochemistry
8. Aquatic Animal Health Management
9. Fish Nutrition and Feed Technology
10. Fisheries Extension
11. Fisheries Economics

HOSTEL ACCOMMODATION

There is one Boys' and one Girls' hostel for the College of Fisheries with 100 rooms capacity each. The allotment of rooms will be made under the instruction of the DEAN, College of Fisheries on the basis of lottery system.



LABORATORY FACILITY

The College has well developed laboratory facility for conducting practical teaching to the students.

CONDUCT AND DISCIPLINE

The student should obey the rules and regulations of the University. Students are expected to maintain good relationship with the University Authorities, teachers and non-teaching staff of the University. It shall be presumed that guardians of the students have agreed that their wards shall comply with the rules and regulations of the University and behave politely with the authorities/Teachers/Staff of the University. Failure to comply with these rules students concerned will be liable for disciplinary action including expulsion of the student from the University. The decision of the University Authority in such cases shall be final and binding on students and their guardians.

The course curriculum and examinations procedure including fail/pass in different academic courses and year will be strictly adhered to as per guideline of ICAR in B.F.Sc. and Masters' degree courses.

EDUCATIONAL TOUR - The University organizes Educational tour Block Training In-Plant Training etc. for the students of the different faculties subject to the availability of fund from the State Government (for the purpose).

LIBRARY

There is a well-developed library in College of Fisheries Kishanganj campus.

BACHELOR OF FISHERIES SCIENCE (B.F.Sc)

B.F.Sc. is a 4-year full-time residential degree programme offered at College of Fisheries, Kishanganj. Fisheries science is the academic study of understanding and managing fisheries. It is a multidisciplinary science that draws



on the study and investigation of fish production, fish health, fish processing, aquaculture and fishery resource management, fishing technology and management, fisheries environment and fisheries extension. The course aims to produce graduates capable to perform operation and maintenance of fish farms identifying fish diseases and work in allied areas.

Eligibility: Higher Secondary / Intermediate/ 10+2 or equivalent examination from any recognized Board or Council with Physics Chemistry and Biology. Candidate will have to qualify the Bihar Combined Entrance Competitive Examination (BCECE).

NUMBER OF SEATS (TOTAL 40)

Seats will be filled up through entrance test conducted by BCECE Board, Patna, followed by counselling by BCECEB,	40
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ADMISSION PROCEDURE

For detail information on activities the eligibility and other prospectus issued by BCECE Board Patna may be referred (<http://bceceboard.bihar.gov.in>).

DOCUMENT CHECK LIST

1. College Leaving Certificate (CLC) or School Leaving Certificate (SLC)
2. Migration Certificate
3. Matriculation Mark Sheet
4. Matriculation Pass Certificate
5. Mark Sheet of I.Sc./Higher Secondary/10+2 CBSE
6. Pass Certificate of I.Sc./Higher Secondary/10+2 CBSE
7. Transcript and PDC of bachelor degree (for Master's and Ph.D)
8. Transcript and PDC of master's degree (for Ph.D)
9. Domicile Certificate from SDO/DM
10. Caste/Category Certificate from not below the rank of SDO/DM
11. NEET Rank Card/ ICAR-AIEEA (PG)2021/ ICAR-AICE-JRF/SRF (Ph.D) 2021
12. BCECEB Call Letter/Allotment Letter (for U.G. programme)
13. Medical Fitness Certificate from Registered Medical practitioner with Registration Number
14. Six photographs of passport size (please write the name & date on the back side).
15. Three sets of photocopies of all the documents mentioned above
16. Character certificate from the Institution attended last
17. Affidavit from the Notary Public, Patna as per prescribed Performa (for U.G. programme)
18. Certificate of physically handicapped/disabled issued by Medical board for students who are to be admitted against this quota.

Note:- Admission will be granted to candidates on submission of Migration certificate in original at the time of counselling cum admission.



Annexure - A

To be typed on NON-JUDICAL stamp paper of Rs. 100 and duly attested by Notary Public
Submitted to:-

Bihar Veterinary College, Patna

(Bihar Animal Sciences University, Patna)

**DECLARATION /UNDERTAKING FROM THE STUDENT
(SURETY BOND)**

I, Mr./Ms.S/o / D/o
student of Programmes
and permanent resident of
..... Phone No:
(Give permanent home address with telephone no.), do hereby undertake on this the.....
(Day), of..... (Month)..... (Year), the following:-

1. I, hereby, promise to abide by the admissible rules and regulations of Bihar Animal Sciences University, Patna concerning discipline, attendance, etc. of the University/B.V.C, and also to follow the Code of Conduct prescribed for the Students of the University, as in force from time to time and subsequent changes/modifications/amendment made thereto. I acknowledge that, the University has the authority for taking punitive/pecuniary actions against me for violation and/or non-compliance of the same.
2. I understand that, 75% attendance in classes is compulsory and I commit myself to adhere to the same. I also understand, in case my attendance falls short, for any reason, the competent authority of the College/University may take such punitive action against me, as may be deemed fit and proper as per University Regulations for the programme.
3. I, hereby declare that, I will neither join in any coercive agitation/strike for the purpose of forcing the authorities of the College/University to solve any problem, nor I will participate in any activity which is likely to disturb the peace and tranquility of life of the B.V.C campus and/or its Hostel premises.
4. I, hereby declare that, I will neither indulge in, nor tolerate ragging, in any form, even in words or intentions, and I accept to give an undertaking in the prescribed format for the same.
5. I, hereby declare that, I shall be solely responsible for my involvement in any kind of undesirable / indisciplinary activities inside or outside the campus, and shall be liable for punishment as per the law of the land. I, further understand that, the Institute shall in no way provide any support to me and will not be held responsible for my any such action.
6. I, also declare that in case I leave the study midway due to any reason including shortage of attendance before completion of my B.V.Sc& A.H. programme, I will

refund the total drawn amount of stipend from the college along with a sum of Rs. 3.00 lakhs as a penalty to get my College Leaving Certificate and the Migration Certificate.

7. I, further declare that, my admission may be cancelled, at any stage, if I am found ineligible and/or the information's provided by me is found to be incorrect.
8. I, hereby undertake to inform the University, about any changes in any information submitted by me, in the Application Form and any other documents, including change in addresses and phone nos., from time to time.

DECLARATION BY PARENT/ GUARDIAN
(SURETY BOND)

I / we (Mother / Father / Guardian) of hereby fully endorse the above undertaking/declaration given by my child/ward and I/we undertake that in case my / our ward fails to honour any of the provisions of the bond, I / we shall refund the total amount of stipend drawn by my / our ward from the College / University alongwith a sum of Rs. 3.00 lakh (Rupees Three Lakhs) as a penalty to get his C.L.C and the Migration Certificate from the College or the University,

Signature of father/mother/guardian

Place:

Signature of First Surety

Date:

Name and relationship of the

surety with address

M. No.

Adhaar No.

Place:

Signature of Second Surety

Date:

Name and relationship of the

surety with address

M. No.

Adhaar No.

Place:

Signature of Student

Date:

Name and address

M. No.

Adhaar No.

Affidavit: At the time of admission selected candidate will have submitted an affidavit as Prescribed in Annexure –B

Annexure - B

THE NOTARY PUBLIC PATNA

AFFIDAVIT

IS/O D/O..... resident of
village.....P.O.....P.
S..... district..... do hereby solemnly affirm and declare:

1. That I passed Intermediate of Science (I.Sc.) /CBSC+2 (XIIth) I.C.S.E. +2 (XIIth) Examination from.....School /College ofBoard/University in the year.....Annual /Supplementary.
2. That after passing I.Sc. /10+2 examination in..... I did not take admission for higher studies in any college/Institution/University.
3. That after passing I.Sc. /10+2 examination I was engaged in preparation of Medical entrance examination w.e.f.....to which resulted into gap for taking admission inB.V.Sc. & A.H. Course this year.
4. That the contents of the affidavit mentioned above are to the best of my personal knowledge and belief.
5. That if any information is found wrong or misleading at any stage during the period of study I shall be solely responsible for that and I shall lose my admission for ever in Bihar Veterinary College Patna and disciplinary/legal action may be taken against me.

Signed and verified at Patna on dated.....

Deponent

