FACULTY OF VETERINARY SCIENCES

At A Glance

College of Veterinary Sciences & Animal Husbandry

Birsa Agricultural University
Ranchi - 834006
The college has expanded its academic programmes to meet the requirements of human resources in the face of changing Animal Husbandry. A range of new technology oriented degree programmes in Aquaculture, Dairy Technology, Master’s degree programme and Ph.D. have been initiated.

The college is imparting quality education since inception by focusing on making our students a good human being and successful professionals through strategic teaching in theoretical and practical aspects during the course of education. As a result, our students have been doing well. The college gives great emphasis on dynamic curriculum and implemented the recommendations 2016-17 with a total credit of 183 which is commonly prescribed for all the UG degree programmes across the Country. Further, for all round development of students, extra-curricular activities like NSS, NCC, physical education and yoga practices have been included as a part of syllabus. I hope all the students committed faculty and supporting staff will make use of quality infrastructure for great success in their career.

I family believe that the information about Ranchi Veterinary College, Ranchi will be of immense use for the students of this college.

(Sushil Prasad)
Dean, Veterinary

“...said Gurudev Rabindra Nath Tagore. Birsa Agricultural University, the only higher education institution of Agricultural and allied sciences in the state of Jharkhand has been working on these words of wisdom since its inception. Its Faculties of Agricultural, Veterinary and Forestry Sciences are relentless in their pursuit to train professionals who translates education into creating harmony between human life, animal life, plant life and nature by complementing each other. Ranchi College of Veterinary Sciences and Animal Husbandry has been one of the leading institutes of our country. Cradled in the lap of nature, swaying from serious thinking to playful inventiveness, teachers and students of veterinary faculty are brimming with zeal and enthusiasm to prove their worth in the society by empowering themselves with skills and creativity. The highly talented generation next is all set to carry the legacy of our great predecessors so as to usher in an era of technological advancements for improvement of animal production and animal health security by carrying out fundamental and need based research, thus, contributing to economic upliftment of rural Jharkhand.

The compilation of activities of the institute as “Ranchi Veterinary College at a Glance” is a commendable effort by Dr Sushil Prasad, Dean, Ranchi Veterinary College and his dynamic team to showcase the achievements of this great Institution in the field of Veterinary Sciences and Animal Husbandry.

I congratulate Dr Sushil Prasad and his team for creating an excellent window to glance at the journey taken by this institution so far in the field of Academics, Research and Extension.

(M.K. Gupta)
DRI-cum-Dean PGs
1.0 BRIEF HISTORY

Way back in 60’s the College of Veterinary Science and Animal Husbandry Ranchi was established on 30th November, 1961. (Late) Col. Dr. S. M. Ishque, G.VB.V.C., P.G (Germany), F.R.V.C.S.(Sweden) joined as first Principal and under his dynamic leadership the main building, hostels and residential units were constructed. It was a constituent college of Ranchi University and functioned under state animal husbandry department till 1970. With the establishment of Rajendra Agricultural University (RAU) at Pusa, Samastipur in 1971, this college became a constituent college of University. The college was established with undergraduate teaching only and it was in the year 1972 when P.G. courses were stand in six disciplinary. These programme were further strengthened in all major disciplines in 1977 onwards.

With the inception of R.A.U., as per mandate, it was obligatory on the part of stage Animal Husbandry Dept. to transfer all research units as well as livestock and poultry farms to the university which could not materialize and state A.H. Department transferred only into veterinary college at Patna and Ranchi restricting its facilities to teaching only. However, in spite of these constraints the College of Veterinary Science & A.H. moved on the parts of glory through its faculty’s dint and determination and became the main campus for post graduate studies. On 26th June 1981, Birsra Agricultural University was inaugurated by the then Prime Minister (late) Smt. Indira Gandhi and this college became the part of the new university as the only institute to impart veterinary education in the Jharkhand state covering 24 districts. The faculty is presently having 17 departments as per the norms of veterinary council of India and imparts besides U.G. teaching, M.V.Sc and Ph.D programmes along with research and extension education activities.

The faculty of veterinary sciences and animals husbandry is situated in the campus of B.A.U near Kanke Block. It is about 16 kms. from Ranchi Railway station and 20 kms. from Birsa Munda Airport. The location stands at 85019 E and 23017’N and 625 meters above sea level. The climate is subhumid megathermal.
INFORMATION BROCHURE

PAST AND PRESENT DEAN/PRINCIPAL OF RVC

1. Well known for punctuality, sincerity, devotion and administration
   Dr. Late (Col) S.M. Ishaque (18.03.1963-02.12.1968)

2. A great teacher with dynamism & sharp vision & administrator
   Dr. P.B. Kappowasmi (12.12.68 - 02.01.1973)

3. A great scientist & administrator
   Dr. H.R. Mishra (03.01.1973-09.09.1988)

4. A teacher par excellence and unmatched human behavior
   Dr. B.N. Yadav (10.09.88 - 16.05.93)

5. A deeply involved scientist of international repute
   Dr. K.G. Narayan (14.06.1998-31.07.98)

6. A remarkable teacher
   Dr. K.P. Yadav (13.10.98 - 31.01.2000)

7. Hardcore administrator
   Dr. Gaya Prasad (10.03.1998-12.10.98)

8. A great animal lover & scientist
   Dr. C.S.P. Singh (06.01.01 - 28.02.2002)

9. An excellent teacher
   Dr. R.C.P. Singh (01.03.2002-31.10.2002)

10. Sharp vision for profession
    Dr. A. K. Sinha (01.11.2002 - 30.09.2009)

11. A great pig breeder and a devotee for farmers
    Dr. S.K. Sinha (01.10.2009 - 31.07.2012)

12. A remarkable teacher
    Dr. R. L. Prasad (11.09.2012 - 19.07.2016)
    & (18.01.2017 - 11.09.2017)

13. An remarkable teacher & Scientist

14. A remarkable teacher and scientist of field of Pharmacology
    Dr. B. K. Roy (01.10.2018 - 31.01.2019)

15. A remarkable teacher and a very good administrator
    Dr. A.K. Srivastava (20.07.2016-17.01.2017)


17. Dr. Sushil Prasad (13.02.2020 to till Date)
2.0 MANDATE

- To import veterinary & Animal Husbandry education up to doctorate level.
- To undertake basic, applied and adoptive research in all disciplines relating to livestock and poultry production and post harvest technology including conservation and maintenance of livestock and poultry germ plasm.
- To impart specialized training, pertaining to veterinary science and animal husbandry.
- To develop, update and standardize package of practices concerning feeding, management, health coverage including disease diagnosis, breeding strategies, reproduction and livestock and poultry production technology and transfer of technology for use by the livestock and poultry farmers and the industry keeping in view the eco-friendliness.
- To serve as a state repository in all aspects of livestock & poultry production, post-harvest technology, health cover.
- To provide referral and consultancy services in all aspects of Veterinary and Animal Husbandry.

3.0 VISION

- To make College of Veterinary Science and Animal Husbandry, Birsa Agricultural University, Ranchi a Center of Excellence in Teaching Research and Extension Education.
- To produce highly professional and skilled human resources in veterinary science who are motivated. Socially sensitive, responsible and totally committed to animal health care and production.
- To undertake region based, need based and basic research for improving animal health and productivity in domestic animals by adopting modern technologies.
- To provide efficient extension services and training facilities at the door step of small and marginal farmers and livestock owners and motivate them to adopt animal husbandry, poultry farming and related vocations as an engine of economic growth and social empowerment.
- Empower women to become, “Knowledgeable Livestock Stakeholders” which will give them economic identity, as majority of the activities of Animal Husbandry practices are in the hands of women.
- Motivating rural population to adopt integrated farming system for creating new horizon of livelihood and doubling farmer’s income.
- To assist state Animal Husbandry Department in the development of modern facilities in the field of Animal Husbandry and Animal Health care.

4.0 MISSION

- To set up most advanced infrastructure in the facility so that students get exposure to advanced technologies and conduct in depth research activities in the field of infections, non-infections and nutritional diseases.
- To work in collaboration with State Animal Husbandry Department to identify thrust area in Animal Healthcare and Production and provide technical support in formulating roadmap for enhancing animal production and providing efficient veterinary services.
To develop advanced disease diagnostic lab for investigating outbreak of emerging and re-emerging diseases in the state of Jharkhand so as to develop a database of diseases in Jharkhand, lessen the dependence on Central National Laboratories as well as to contribute to the concept of one health.

To develop new varieties of livestock, particularly pig, goat and poultry, suitable for different agro-clinic zones of Jharkhand as well as to meet the nutritional requirements of the masses.

To develop mobile veterinary clinic so that door step services could be provided to the rural farmers who find it difficult to communicate their animal health related problems to the concerned authorities.

To set up vocational training center for the rural youth in the field of Veterinary lab technician, Artificial Insemination, livestock attendants, laboratory attendants etc.

To identify area of maximum tribal population and provide them technical support for income generation through animal husbandry.

To develop strong link with all the National Research Centers and National Laboratories and to use their expertise in the field of research and production as well as for capacity building of our students and teachers.

To participate in the AICRP projects which are important for the state of Jharkhand such as FMD, Brucellosis, hemoprotozoan diseases, pig disease etc.

Our mission is to improve the quality of life for animal and people of Jharkhand by advancing veterinary education, improving animal health and welfare, strengthening research, and enhancing environmental quality, through following means.

5.0 THE LINKAGE
6.0 ACADEMIC

6.1 UNDERGRADUATE TEACHING
One of the important thrust activities is to impart veterinary & A.H. Education at undergraduate level leading to award of B.V.Sc & A. H. degree as per course curriculum & evaluation developed by the veterinary council of India.

Students from biology stream after completing 10+2 with PCB (Physics, Chemistry & Biology) including English are being admitted on annual basis through State entrance Test (85%) and National Entrance Test (15%) conduct by centralized body at State level and V.C.I. respectively.

The course curriculum as developed by the V.C.I. for award of B.V.Sc. & A.H. degree spreaded in 9 semesters with compulsory rotating internship programme of 6 months is being followed strictly before award of degree.

6.2 POST GRADUATE TEACHING
The college is offering P.G. teaching of 4 semester duration (2 semester course works and 2 semester research work) in 15 departments leading to award of M.V.Sc. degree Apart from Master’s degree, the Ph.D education with course works is also being offered by this college in 12 departments.

Students having B.V. Sc. & A.H. degree with requisite GPA/OGPA are being admitted for M.V.Sc. & Ph.D programmes as per University regulation.

6.3 DISCIPLINE
Strict discipline shall maintained within the college and hostel campuses. Infringement of rules and regulations and unseemly behavior and indulgement of student in any act of indiscipline shall be punished by monetary fine, placing the student on conduct probation, temporary withdrawal from semester, rustication, expulsion or such other punishment which deem fit to maintain the discipline in the campus or outside the campus.

6.4 ADMISSION NORMS
A candidate for admission to B.V.Sc. & A.H. course must be have obtained not less than 50% of the aggregate marks in English, Physics, Chemistry & Biology the qualifying examination (I.Sc. + 2 or equivalent) and have completed in the selection list of Jharkhand Combined Entrance Competitive Examination.

6.5 FEE STRUCTURE
Each students is required to pay the requisite amount of fee as stipulated by University at the time of admission/start of each semester.
6.6 COURSE OF STUDY

Degree course of B.V.Sc. & A.H. comprises of a course of study consisting of curriculum and syllabus provided in the veterinary Council of India. Minimum Standards of Veterinary Education- Degree course (B.V.Sc & A.H.) regulation, 1993 spread over five complete academic years including a compulsory rotating internship of a minimum period of one months duration, under taken after successful completion of all credit hours provided in the syllabus. As per VCI regulation 2016 total duration at B.V.Sc & A.H. course is 5.5 years including 12 month. Rotating internship.

6.7 DEPARTMENTS

The subjects for study and examination for B.V.Sc. & A.H. degree shall be as under.

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<tr>
<td>5.</td>
<td>Veterinary Parasitology</td>
<td>15.</td>
</tr>
<tr>
<td>7.</td>
<td>Veterinary Pathology</td>
<td>17.</td>
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<tr>
<td>10.</td>
<td>Animal Breeding &amp; Genetics including Biostatistics</td>
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6.8 COURSES AND COURSE CONTENTS

PROFESSIONAL YEARWISE DISTRIBUTION OF COURSES

1. FIRST PROFESSIONAL
   - Veterinary Anatomy  4+3=7
   - Veterinary Physiology  4+1=5
   - Livestock Production Management  4+2=6
   - **Total** 12+6=18
   - Non-credit course
     - RVS or NCC or Sports and Games  0+1=1

2. SECOND PROFESSIONAL
   - Veterinary Biochemistry  2+1=3
   - Veterinary Microbiology  3+2=5
   - Veterinary Pathology  4+2=6
   - Animal Genetics and Breeding  3+1=4
   - Animal Nutrition  3+1=4
   - **Total** 15+7=22
   - Non-credit course
     - RVS or NCC or Sports and Games  0+1=1

3. THIRD PROFESSIONAL
   - Veterinary Pharmacology and Toxicology  4+1=5
   - Veterinary Public Health and Epidemiology  3+1=4
   - Veterinary Parasitology  3+2=5
   - Livestock Products Technology  2+1=3
   - Veterinary and Animal Husbandry Extension Education  3+1=4
   - Veterinary Clinical Practices –I  0+1=1
   - Livestock Farm Practices  0+2=2
   - **Total** 15+9=24
   - Non-credit course
     - NSS  0+1=1

4. FOURTH PROFESSIONAL
   - Veterinary Surgery and Radiology  2+1=3
   - Veterinary Medicine  4+1=5
   - Veterinary Gynaecology and Obstetrics  2+1=3
   - Veterinary Clinical Practices –II  0+6=6
   - **Total** 8+9=17

COURSE CONTENTS

(1) GENERAL REMARKS
Alternate use of animals as model for demonstration shall be encouraged and the computer simulations,
Interactive CD-Rom, films, charts and life like models shall be used for better understanding of the subject and the programme to obtain cadavers ethically be established at all veterinary colleges.

(2) DEPARTMENT-WISE DESCRIPTION

DEPARTMENT OF VETERINARY ANATOMY
Credit Hours: 4+3
UNIT: 1 (GENERAL OSTEOLOGY, ARTHROLOGY AND MYOLOGY)
GENERAL ANGIOLOGY, NEUROLOGY AND AESTHESIOLOGY
GENERAL SPLANCHNOLOGY
UNIT-2 (FORE LIMB)
UNIT-3 (HEAD AND NECK)
UNIT-4 (THORAX)
UNIT-5 (ABDOMEN)
UNIT-6 (HIND LIMB AND PELVIS)
UNIT-7 CYTOLOGY, CELL JUNCTIONS, STUDY OF BASIC TISSUES I.E EPITHELIAL
UNIT-8 INTRODUCTION TO EMBRYOLOGY

DEPARTMENT OF VETERINARY PHYSIOLOGY
Credit Hours: 4+1
UNIT- 1 (BLOOD, CARDIOVASCULAR, NERVOUS AND MUSCULAR SYSTEMS)
UNIT-2 (DIGESTIVE AND RESPIRATORY SYSTEMS)
UNIT-3 ( EXCRETORY AND ENDOCRINE SYSTEMS)
UNIT-4 (REPRODUCTION, LACTATION, GROWTH AND ENVIRONMENTAL PHYSIOLOGY)

DEPARTMENT OF VETERINARY BIOCHEMISTRY
Credit Hours: 2+1
UNIT-1 (GENERAL VETERINARY BIOCHEMISTRY)
UNIT-2 (INTERMEDIARY METABOLISM)
UNIT- 3 (VETERINARY ANALYTICAL BIOCHEMISTRY)

DEPARTMENT OF LIVESTOCK PRODUCTION & MANAGEMENT
Credit Hours: 4+2
UNIT-1 (GENERAL LIVESTOCK MANAGEMENT)
UNIT-2 (FODDER PRODUCTION AND CONSERVATION)
UNIT-3 (LIVESTOCK PRODUCTION MANAGEMENT-RUMINANTS)
UNIT-4 (ZOO ANIMALS PRODUCTION MANAGEMENT)
UNIT-5 (ANIMAL WELFARE)
UNIT-6 (POULTRY PRODUCTION MANAGEMENT)
UNIT-7 (DIVERSIFIED POULTRY PRODUCTION AND HATCHERY MANAGEMENT)
UNIT-8 (LABORATORY, RABBIT AND PET ANIMAL PRODUCTION MANAGEMENT)
UNIT-9 (SWINE AND EQUINE PRODUCTION MANAGEMENT)

DEPARTMENT OF VETERINARY MICROBIOLOGY
Credit Hours: **3+2**
UNIT-1 (GENERAL & SYSTEMATIC VETERINARY BACTERIOLOGY)
UNIT-2 (VETERINARY MYCOLOGY)
UNIT-3 (MICROBIAL BIOTECHNOLOGY)
UNIT-4 (VETERINARY IMMUNOLOGY AND SEROLOGY)
UNIT-5 (GENERAL AND SYSTEMATIC VETERINARY VIROLOGY)

**DEPARTMENT OF VETERINARY PATHOLOGY**
Credit Hours: **4+2**
UNIT-1 (GENERAL VETERINARY PATHOLOGY)
UNIT-2 (SYSTEMIC VETERINARY PATHOLOGY)
UNIT-3 (ANIMAL ONCOLOGY, VETERINARY CLINICAL PATHOLOGY AND NECROSIS)
UNIT-4 (PATHOLOGY OF INFECTIOUS AND NON-INFECTIONOUS DISEASES OF DOMESTIC ANIMALS)
UNIT-5 (AVIAN PATHOLOGY)
UNIT-6 (PATHOLOGY OF DISEASES OF LABORATORY AND WILD ANIMALS)

**DEPARTMENT OF ANIMAL GENETICS AND BREEDING**
**ANIMAL GENETICS AND BREEDING**
Credit Hours: **3+1**
UNIT-1 (BIOSTATISTICS AND COMPUTER APPLICATION)
UNIT-2 (PRINCIPLES OF ANIMAL AND POPULATION GENETICS)
UNIT-3 (PRINCIPLES OF ANIMAL BREEDING)

**DEPARTMENT OF ANIMAL NUTRITION**
Credit Hours: **3+1**
UNIT-1 (PRINCIPLES OF ANIMAL NUTRITION AND FEED TECHNOLOGY)
UNIT-2 (APPLIED RUMINANT NUTRITION-I)
UNIT-3 (APPLIED RUMINANT NUTRITION-II)
UNIT-4 (APPLIED NON-RUMINANT NUTRITION)

**DEPARTMENT OF VETERINARY PHARMACOLOGY AND TOXICOLOGY,**
Credit Hours: **4+1**
UNIT-1 (GENERAL PHARMACOLOGY)
UNIT-2 (DRUGS ACTING ON AUTONOMIC NERVOUS SYSTEM)
UNIT-3 (DRUGS ACTING ON CENTRAL NERVOUS SYSTEM)
UNIT-4 (DRUGS ACTING ON DIFFERENT BODY SYSTEMS)
UNIT-5 (VETERINARY CHEMOTHERAPY)
UNIT-6 (VETERINARY TOXICOLOGY)

**DEPARTMENT OF VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY**
Credit Hours: **3+1=4**
UNIT-1 (VETERINARY PUBLIC HEALTH AND FOOD SAFETY)
UNIT-2 (VETERINARY EPIDEMIOLOGY) DISEASES
UNIT-4 (ENVIRONMENTAL HYGIENE)

DEPARTMENT OF VETERINARY PARASITOLOGY
Credit Hours: 3+2
UNIT- 1 (GENERAL VETERINARY PARASITOLOGY)
UNIT-2 (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE)
UNIT-3 (NEMATODES OF VETERINARY IMPORTANCE)
UNIT-4 (ARTHROPODS OF VETERINARY IMPORTANCE)
UNIT-5 (PROTOZOA OF VETERINARY IMPORTANCE)

DEPARTMENT OF LIVESTOCK PRODUCTS TECHNOLOGY
Credit Hours: 2+1
UNIT-1 (MILK AND MILK PRODUCTS TECHNOLOGY)
UNIT-2 (WOOL SCIENCE)
UNIT-3 (ABATTOIR PRACTICES AND ANIMAL BYPRODUCTS TECHNOLOGY)
UNIT-4 (MEAT SCIENCE)

DEPARTMENT OF VETERINARY AND ANIMAL HUSBANDRY EXTENSION EDUCATION Credit Hours: 3+1
UNIT-1 (LIVESTOCK BASED LIVELIHOODS AND THEIR EVOLUTION)
UNIT-2 (EXTENSION EDUCATION AND DEVELOPMENT)
UNIT-3 (RURAL SOCIOLOGY IN VETERINARY EXTENSION)
UNIT-4 (TRANSFER OF TECHNOLOGY FOR LIVESTOCK DEVELOPMENT)
UNIT-5 (COMMUNICATION AND EXTENSION TEACHING METHODS)
UNIT-6 (LIVESTOCK ECONOMICS AND MARKETING)
UNIT-7 (LIVESTOCK ENTREPRENEURSHIP)
UNIT-8 (INFORMATION AND COMMUNICATION TECHNOLOGY)
UNIT-9 (CONTEMPORARY ISSUES IN LIVESTOCK ENTERPRISES)

DEPARTMENT OF VETERINARY CLINICAL COMPLEX (VCC)
Credit Hours: 0+1
VETERINARY CLINICAL PRACTICES-I (Third year)
VETERINARY CLINICAL PRACTICES-II (Fourth year)
Credit Hours: 0+6
AMBULATORY SECTION
DIAGNOSTIC LABORATORY SECTION

MEDICINE SECTION:
GYNECOLOGY AND OBSTETRICS SECTION
SURGERY AND RADIOLOGY SECTION
PET ANIMAL SECTION
THE EXAMINATIONS SHOULD COMPRISOE FOLLOWING COMPONENTS:
LIVESTOCK FARM COMPLEX
LIVESTOCK FARM PRACTICES (Third year)
Credit Hours: 0+2

DEPARTMENT OF VETERINARY SURGERY AND RADIOLOGY
Credit Hours: 2+1
UNIT-1 (VETERINARY GENERAL SURGERY)
UNIT-2 (VETERINARY ANAESTHESIOLOGY)
UNIT-3 (VETERINARY DIAGNOSTIC IMAGING TECHNIQUES)
UNIT-4: (REGIONAL SURGERY-I)
UNIT-5: (REGIONAL SURGERY-II)
UNIT-6 (ORTHOPEDICS AND LAMENESS)

DEPARTMENT OF VETERINARY MEDICINE
Credit Hours: 4+1
UNIT-1 (GENERAL)
UNIT-2 (SYSTEMIC DISEASES)
UNIT-3 (METABOLIC AND DEFICIENCY DISORDERS)
UNIT-4 (ZOO AND WILD ANIMAL MEDICINE)
UNIT-5 (BACTERIAL, FUNGAL AND RICKETTSIAL DISEASES)
UNIT-6 (VIRAL AND PARASITIC DISEASES)
UNIT-7 (JURISPRUDENCE, ETHICS, AND ANIMAL WELFARE)

DEPARTMENT OF VETERINARY GYNAECOLOGY AND OBSTETRICS
Credit Hours 2+1
UNIT-1 (VETERINARY GYNAECOLOGY)
UNIT-2 (VETERINARY OBSTETRICS)
UNIT-3 (VETERINARY ANDROLOGY AND A.I.)

6.9 STUDENTS OBTAINED DEGREES UPTO MARCH, 2021

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Courses/ Programmes</th>
<th>No. of Students obtained the degree (Upto 31st March, 2021)</th>
</tr>
</thead>
<tbody>
<tr>
<td>---------</td>
<td>---------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Under Graduate Programme</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>B.V.Sc. &amp; A.H.</td>
<td>1066</td>
</tr>
<tr>
<td>Post Graduate Programme</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>M. V.Sc.</td>
<td>459</td>
</tr>
<tr>
<td>3.</td>
<td>Ph. D. (Vety.)</td>
<td>96</td>
</tr>
<tr>
<td>Total (UG+PG+Ph.D)</td>
<td></td>
<td>1621</td>
</tr>
</tbody>
</table>
6.10 Diploma/Certificate Courses:
The details of courses are as follows:

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Courses</th>
<th>Departments</th>
<th>No. of Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Certificate Courses (Duration 06 months) Eligibility – 10+2, No Age bar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Faculty of Veterinary Science &amp; A.H.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i.</td>
<td>Animal Health</td>
<td>Veterinary Medicine</td>
<td>25</td>
</tr>
<tr>
<td>ii.</td>
<td>Animal Husbandary</td>
<td>LPM</td>
<td>25</td>
</tr>
<tr>
<td>iii.</td>
<td>Artificial Insemination in Livestock &amp; Poultry</td>
<td>Vet. Gynaecology &amp; Obst.</td>
<td>25</td>
</tr>
<tr>
<td>iv.</td>
<td>Aquaculture</td>
<td>Aquaculture</td>
<td>25</td>
</tr>
<tr>
<td>v.</td>
<td>Poultry Farming</td>
<td>LPM</td>
<td>25</td>
</tr>
</tbody>
</table>

6.11 JRF – 2021
17 out of 25 degree holder students of the first batch of the state’s only Fisheries Science College, Gumla (Established in 2017) have qualified the JRF - 2021 examination. These include Ranju Kumari with 15 ranks, Ankit Kumar with 24 ranks and Anurag Singh with 53 ranks.

92 percent students have qualified JRF – 2021 examination from Ranchi Veterinary College. Out of 25 students of the college holding veterinary undergraduate degree, 23 students have qualified this examination. After counselling, students will get an opportunity to enrol in reputed veterinary institutes of the country.

6.12 NET Exam – 2021
Dr. Lovleen Khakha, Dr. Kumari Nandita Bera, Dr. Sasmita Bariq, Dr. Rakesh Kumar and Dr. Alok Singh have got success in NET Exam. – 2021. Among 5 people, they have PG and PhD degree from the Faculty of Veterinary Medicine and Animal Husbandry.

6.13 JRF fellowship eligibility
Four students of Ranchi Veterinary College have qualified the All India Entrance Examination for Admission (AIEEA) – PG Examination 2020 conducted by the Indian Council of Agricultural Research (ICAR), New Delhi. Ms Nikita Singh has got admission in the Royal Veterinary College, University of London from 2015-20 batch of Ranchi Veterinary College. Four students of the same batch have been declared successful in the ICAR-AIEEA (PG) examination.

6.14 NSS & NCC Activities
This is an important activity, where students develop linkages with rural communities & help them through education tree planting, exposure visits. This interaction helps in a better understanding and develop an attitude of service towards farm families.

Medical Health Camp, Dental Checkup Camp, Blood Donation Camp, Health awareness Programme and Swakchta Abhuyan were organized in faculty under NSS Programme. NCC unit functional in Faculty of Veterinary & Animal Husbandary.

6.15 Sports and Games
All the required facilities for games and sports, cultural and literary activities have been provided to students. Altogether, one sports fields are in campus. An athletic coach trains the students. Each hostel has been
provided with Table Tennis set, Badminton court (open and indoor) and other indoor games facilities. In RVC Campus a gym coach guides the students. Students of Veterinary faculty have been provided with essential musical instruments required for cultural programmes. Faculty also organized Annual Sports meet.

6.16 STUDENTS ACTIVITIES
Sarhul Puja, Karma Puja, Birsa Jyanti, Christmas gathering, Teachers Day and freshers Day were organized every year. Blood Donation Camp, Eye checkup camp, Health checkup camp and Animal Health & Vaccination camp were also organized under NSS activities.

6.17 HOSPITAL
The University has been running a good hospital with a qualified doctor and nursing staff. This facility is available for the students & staff members of the University. For emergency, an Ambulance has also been provided under the control of Warden of Hostels.

Visiting hour: 4.00 to 6.00 P.M (Tuesday, Wednesday and Saturday).

6.18 EVENTS ORGANIZED ANNUALY
Foundation Day
World Veterinary Day
World Milk Day
Environment Day
World Rabies Day
World Kidney Day

6.19 INFRASTRUCTURE
Lecture Theaters
Five lecture theaters with audio visual aids and suitable black board

Model Lecture Theatre
This lecture theatre is renovated keeping in view the aura and environment particularly for different post graduate student’s seminar and invited lectures. This lecture theatre is equipped with modern audio visual aids. The hall in front of the model lecture theatre is converted into Browsing room where discussion among the faculty members on different aspects of the delivered lectures is held and suggestions for further improvement are taken care of.

ARIS Cell
The ARIS Cell has been strengthened with 20 computers and internet facilities for the students and faculty members.
Establishment of Department of Acquaculture

New Department of aquaculture was started during late 2003 with the approval of Birsa Agricultural University and permission of state Agriculture Department. Two new programmes viz. Certificate course and Diploma course in fishery have been started. This has helped the village youth in gaining proficiency in this area and self employment. Hatchery complex has also been established for supply of fish seeds to the rural sector.

Well Equipped Examination Hall

Hatchery Unit with brooder house

One hatchery unit was established through which new hatches of birds are being developed to maintain the continuity of different farm unit and for the entrepreneurs.

Establishment of fish hatchery Complex for education, Research & Extension

Altogether 15 lacs seeds has been produced in first year and sold to farmers for culture.

Referral Veterinary clinics with advanced diagnostic lab : Clinic complex has been completely renovated & strengthened with almost all necessary equipment which have made the disease diagnostic process easy end also accurate. Recently one intensive care unit has been started in order to take extra clinical care of difficult cases like kidney failure etc.

National Cadet Corps

(NCC) One unit of NCC was established during the year 2005. The U.G. students have involved themselves in this programme. The idea is to develop a sense of discipline amongst the students. This will also help them in achieving their career in Remount Veterinary Corps.

7. RESEARCH

College of Veterinary Science & A.H. Ranchi is playing a significant role in solving existing problems faced by the livestock & poultry farmer’s in the state related to improvement of production potentialities of livestock and poultry through research activities. College having four ICAR projects

- ICAR- AICRP on POULTRY
- ICAR- AICRP ON GOAT IMPROVEMENT, BLACK BENGAL- FIELD UNIT
- ICAR – MSP ON PIG
- ICAR-MDRMAT

College has developed variety on poultry and pig suitable for agroclimatic condition of Jharkhand, Jharsim dual type variety of chicken suitable for backyard farming.

Jharsuk variety of pig for better growth & productive performance, one pig breed Purnea has been registered to ICAR- NBAGR Karnal.
### 7.1 Research Projects

#### 7.1.1 Completed Projects

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>Title of the projects</th>
<th>Sponsored by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Reciprocal recurrent selection</td>
<td>ICAR</td>
</tr>
<tr>
<td>2.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>AICRP on goat breeding for meat</td>
<td>ICAR</td>
</tr>
<tr>
<td>3.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Studies on performance of local &amp; crossbred pigs</td>
<td>ICAR</td>
</tr>
<tr>
<td>4.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Rabbit breeding for meat &amp; pelt production</td>
<td>ICAR</td>
</tr>
<tr>
<td>5.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Adaptive research on pigs</td>
<td>BAU</td>
</tr>
<tr>
<td>6.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Network project on Goat</td>
<td>ICAR</td>
</tr>
<tr>
<td>7.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Livestock seed production under BPDP (Pig)</td>
<td>World Bank</td>
</tr>
<tr>
<td>8.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>Livestock seed production under BPDP (Goat)</td>
<td>World Bank</td>
</tr>
<tr>
<td>9.</td>
<td>Animal Breeding &amp; Genetics</td>
<td>NATP Mission mode on pig</td>
<td>ICAR</td>
</tr>
<tr>
<td>10.</td>
<td>Animal Nutrition</td>
<td>Utilization of Agricultural by products and forest wastes in animal feeding.</td>
<td>ICAR</td>
</tr>
<tr>
<td>11.</td>
<td>Aquaculture</td>
<td>Investigation and popularization of the cost effective pond fertility building system using the pig &amp; Poultry droppings in the tribal belt of South Bihar</td>
<td>DST</td>
</tr>
<tr>
<td>12.</td>
<td>Aquaculture</td>
<td>Employment generation</td>
<td></td>
</tr>
</tbody>
</table>

#### 7.1.2 Ongoing Projects

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>Title of the project</th>
<th>Sponsored by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Livestock Production and Management</td>
<td>AICRP on Poultry breeding (Rural Poultry Production)</td>
<td>ICAR</td>
</tr>
<tr>
<td>2.</td>
<td>Livestock Production and Management</td>
<td>AICRP on Black Bangal Goat Improvement (Field Unit)</td>
<td>ICAR</td>
</tr>
<tr>
<td>3.</td>
<td>Livestock Production and Management</td>
<td>MSP on Pig</td>
<td>ICAR</td>
</tr>
<tr>
<td>4.</td>
<td>Pharmacology and Toxicology</td>
<td>Outrich Programme (Monitoring of Drug Residues and Environment Pollutants)</td>
<td>ICAR</td>
</tr>
</tbody>
</table>
7.2 LIVESTOCK & POULTRY PRODUCTION

The major thrust activities in the field of livestock & poultry production are as follows:

- Development of superior germ plasm of livestock and poultry with enhanced production potentials suitable for the agroclimatic condition of Jharkhand.
- Development of economical, sustainable & viable managemental practices for different categories of livestock and poultry.
- Development of economical ration with locally available food stuff for maintaining health and improving production potentials of different categories livestock & birds.
- Evolving teaching tools to improve shelf life of livestock and poultry products.
- Development and testing of technology for enhancing reproductive potential of livestock and poultry.

7.3 LIVESTOCK & PUBLIC HEALTH

- Development of economical, easier and less time consuming disease diagnosis tool.
- Development of suitable preventive as well as curative measure for different diseases of livestock poultry.
- Implementation of Bio-security for disease control and evaluation of immune status of livestock & poultry.

7.4 : TECHNOLOGIES ON ANIMAL HUSBANDRY

The farmers of Jharkhand and other states like West Bengal, Bihar, Odisha, Assam, Meghalya, Mizoram etc. Have fully adopted Jharsuk breed of Pigs developed by BAU. There is a heavy demand for improved Jharsuk breed of Pigs by the farmers.

Development of a suitable genotype of goat by selective breeding of Black Bengal goat for meat production with higher rate of growth accompanied with technologies on feeding, housing, disease control measures and meat characteristics have largely been instrumental in large scale adoption by goat farmers of this state.

BAU under AICRP on poultry, has developed Jharsim breed of poultry. This variety of Chicken with multicolour plumage colour resembles the native chicken and produces 2 times more meat and three times more eggs than the native breed.

Based on 10 years data on chemical pathology and haematology, several disease prediction for hemoproteozoon disease in dairy cattle has been developed. Highest incidence of hemoproteozoon infection like theilenosis, babesiosis and hemonichetssial organism anoylasmos has been recorded between May to October with peak incidence diseases predicted in the month of August.
7.5 : INSTRUCTIONAL LIVESTOCK FARMS

Ranchi Veterinary College is having different instructional livestock farms managed by Department of livestock production & Management. This includes Poultry, varietal Birds, Rabbit, Goat, Pig and dairy farms.

7.5.1 : POULTRY FARM
In poultry farm three lines are maintained viz. Desi (Native), Dahlem Red and PB2. There is one ICAR- AICRP on poultry breeding project and the centre has developed a dual type variety for backyard poultry production named Jharsim in 2016.

A total No. of 3000 chicks are maintained at the farm. One 10000 capacity incubator is placed at poultry farm.

7.5.2 : VARIETAL BIRD FARM
The Ranchi Veterinary College is maintaining different varietal birds for alternate poultry farming by the farmers of Jharkhand.

These are Japanese quail, Turkey, guinea fowl, duck, indigenous breeds like Kadak Nath and Emmu. A total of 500 birds are maintained at the farm.

7.5.3 : RABBIT FARM
College is also maintaining Rabbit farm for laboratory use Some of the breeds of Rabbit maintained are soviet Chinchila and Local Rabbits.

7.5.4 : GOAT FARM
Ranchi Veterinary College is also having instructional small ruminant farm which includes goat and sheep is maintaining black Bengal, Sirohi and Barbari breeds of goats and chotanagpuri sheep. There is ICAR-AICRP on Goat Improvement project on Black Bengal (field unit) having four centres in different agroclimatic zones of Jharkhand – Palajori (Deoghar), Tikko (Lohardaga), Chamguru (Ranchi), and Barabanki (East Singhbhum) for improvement of Black Bengal goat. Farm is maintaining 100 goats and 100 sheeps.

7.5.5 : DAIRY FARM
The college has one instructional bovine farm maintaining indigenous breeds of cattle like Gir, Sahiwal, Tharparkar, and Red Sindhi and Murrah buffalo.

A total number of 90 animals are maintained at the farm.

7.5.6 : PIG FARM
The college is also maintaining pig farm. It has developed a highly successful variety of pig named Jharsuk for the farmers of Jharkhand. There is one ICAR – MSP Project for distribution of piglets among the farmers to replace the desi pigs to improve their socio economic status. A total of 800 pigs are maintained at farm.
7.6: **Animal Health Service**

College of Veterinary Science, Ranchi is running a Veterinary Hospital in Clinical complex with outdoor & indoor hospitalization facilities. Treatment facilities in the field of Vet. Medicine, Surgery, and Gynaecology is provided to the masses in general.

All types of surgical procedures are performed in the clinical complex. Treatment of sick animals of all the species are provided by the specialists in the field of Vet. Medicine, Surgery & Gynaecology. The yearly foot fall in clinical complex is in excess of 20,000.

Diagnostic facilities for diseased animals is provided by departments of Pathology, Parasitology & Microbiology.

Post-mortern facilities for dead animals and disease investigation in cases of disease outbreak in different species of animals is provided by department of Vet. Pathology.

Dept. of Pharmacology is screening heavy metal contamination in animal products in different districts of the state.

Dept. of Animal Nutrition provides technical support for computation of area specific ration for live stock & poultry industry of the state.

College of Vet. Science has adopted Hundur & Pithoria villages to provide free Vet. services for Animal diseases.
8. Extension Education

8.1 Extension Education & Advisory Service.
- Training for farmers, NGO and trainers and popularization of livestock & Poultry farming.
- Consultancy, testing and transfer of technologies generated in the laboratory for livestock and poultry farms at farmers doorstep.
- Refresher courses of field veterinarian.

8.2 Test of Veterinary Samples and Vet-advisory Advisory Services

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of farmers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2016-17 2017-18 2018-19 2019-20 2020-21 Total</td>
</tr>
<tr>
<td>1.</td>
<td>Aquaculture</td>
<td>- - 85 906 764</td>
</tr>
<tr>
<td>2.</td>
<td>Livestock Production &amp; Management</td>
<td>78 - 898 906 764</td>
</tr>
<tr>
<td>3.</td>
<td>Veterinary &amp; A.H. Extension Education</td>
<td>- - 242 155 110</td>
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<tr>
<td>4.</td>
<td>Animal Breeding and Genetics</td>
<td>863 - - 60 - 923</td>
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<td>5.</td>
<td>Veterinary Physiology</td>
<td>10 - - - 10</td>
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<tr>
<td>6.</td>
<td>Veterinary Medicine</td>
<td>- 116 - -</td>
</tr>
<tr>
<td>7.</td>
<td>Veterinary Parasitology</td>
<td>- 15 - 122 -</td>
</tr>
<tr>
<td>8.</td>
<td>Veterinary Pathology</td>
<td>- 34 - - 34</td>
</tr>
<tr>
<td>9.</td>
<td>V.P.H.E.</td>
<td>- - 25 - - 25</td>
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<tr>
<td>10.</td>
<td>Vet. Gynaecology &amp; Obstetrics</td>
<td>- - - 96 - 96</td>
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</tbody>
</table>

Diagnostic Services

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of samples</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2016-17 2017-18 2018-19 2019-20 2020-21 Total</td>
</tr>
<tr>
<td>1.</td>
<td>Veterinary Parasitology</td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Faecal sample examination</td>
<td>189 149 138 - - 98</td>
</tr>
<tr>
<td>b.</td>
<td>Ectoparasitic infestation exam.</td>
<td>- 38 05 - - 12</td>
</tr>
<tr>
<td>2.</td>
<td>Veterinary Pathology</td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Blood examination</td>
<td>137 108 106 78 122</td>
</tr>
<tr>
<td>b.</td>
<td>Urine examination</td>
<td>52 46 25 17 27</td>
</tr>
<tr>
<td>c.</td>
<td>Biopsy examination</td>
<td>65 59 15 19 16</td>
</tr>
<tr>
<td>d.</td>
<td>Histopathology</td>
<td>320 287 25 32 40</td>
</tr>
<tr>
<td>e.</td>
<td>Post mortem examination</td>
<td>- 3049 - 12646 6955</td>
</tr>
<tr>
<td>3.</td>
<td>Animal Breeding and Genetics</td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Routine faecal exam.</td>
<td>40 - - - -</td>
</tr>
</tbody>
</table>

### Sl. No. | Department | No. of samples
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>2017-18</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>b. Dipping (Malathion)</td>
<td>4 time</td>
</tr>
<tr>
<td>c. Dewormed</td>
<td>4 time</td>
</tr>
<tr>
<td>d. Treatment</td>
<td>225 (5 time)</td>
</tr>
<tr>
<td>e. Vaccination</td>
<td>2 time</td>
</tr>
</tbody>
</table>

### 4. Veterinary Microbiology

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Milk samples exam.</td>
<td>-</td>
<td>25</td>
</tr>
<tr>
<td>b. Urine sample exam.</td>
<td>-</td>
<td>05</td>
</tr>
</tbody>
</table>

### 5. Veterinary Pharmacology & Toxicology

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Milk samples exam.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### 6. Veterinary Physiology

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Blood Exam.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### 6. Vet. Gynaecology & Obstetrics

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Pregnancy diagnosis</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

## Case Treated

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Department</th>
<th>No. of animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>2017-18</td>
<td>2018-19</td>
</tr>
<tr>
<td>1. Veterinary Clinical Complex</td>
<td>-</td>
<td>4106</td>
</tr>
<tr>
<td>2. Veterinary Surgery &amp; Radiology</td>
<td>-</td>
<td>1333</td>
</tr>
<tr>
<td>3. Veterinary Physiology</td>
<td>2547</td>
<td>-</td>
</tr>
<tr>
<td>4. Veterinary Medicine</td>
<td>-</td>
<td>4528</td>
</tr>
<tr>
<td>5. Veterinary Pathology</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6. Vet. Gynaecology &amp; Obstetrics</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### 8.3 Animal Health Camp Organized

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title</th>
<th>Dates</th>
<th>Nos. of Participants</th>
<th>Participants</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Animal Health Camp</td>
<td>30.10.2020</td>
<td>Farmers</td>
<td>44</td>
<td>Chipra village</td>
</tr>
<tr>
<td>2.</td>
<td>Animal Health Camp</td>
<td>27.03.2020</td>
<td>Farmers</td>
<td>50</td>
<td>Chipra village</td>
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<tr>
<td>3.</td>
<td>Animal Health Camp</td>
<td>28.03.2020</td>
<td>Farmers</td>
<td>44</td>
<td>Kudlong village</td>
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<tr>
<td>4.</td>
<td>Animal Health &amp; Vaccination Camp</td>
<td>20.03.2020</td>
<td>House holds</td>
<td>122</td>
<td>Ulihatu Village</td>
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</table>
## 8.4 Training Programmes Organized

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Title</th>
<th>Dates</th>
<th>Nos. of Participants</th>
<th>Participants</th>
<th>Sponsored by</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Training Program of Animal Health Workers</td>
<td>03-05 May, 2018</td>
<td>Animal Health Workers</td>
<td>30</td>
<td>JTE &amp; LP, Ranchi</td>
</tr>
<tr>
<td>4.</td>
<td>Training Program of Animal Health Workers</td>
<td>05-14 June, 2018</td>
<td>Animal Health Workers</td>
<td>30</td>
<td>JTE &amp; LP, Ranchi</td>
</tr>
<tr>
<td>7.</td>
<td>Training Program on Piggery</td>
<td>03.05.2018</td>
<td>Farmers Chipra Vill.</td>
<td>34</td>
<td>FFP- DEE</td>
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<tr>
<td>8.</td>
<td>Training Program on Poultry</td>
<td>14.05.2018</td>
<td>Farmers Chipra Vill.</td>
<td>31</td>
<td>FFP- DEE</td>
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</tbody>
</table>

### AICRP Projects Training Programmes

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Training on Goat Farming under AICRP on Goat Improvement Project (TSP)</th>
<th>Dates</th>
<th>Nos. of Participants</th>
<th>Sponsored by</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>Training on Goat Farming under AICRP on Goat Improvement Project (TSP)</td>
<td>10-12 October, 2018</td>
<td>Womens Farmers of Choreya Village, Chanho Block, Ranchi</td>
<td>50</td>
</tr>
<tr>
<td>8.</td>
<td>Training on Goat Farming under AICRP on Goat Improvement Project (TSP)</td>
<td>28.12.2018</td>
<td>Farmers of Chanho Village of Ranchi District</td>
<td>50</td>
</tr>
<tr>
<td>9.</td>
<td>Training on Poultry Farming &amp; Input Distribution under AICRP on Goat Improvement Project (TSP)</td>
<td>02.10.2019</td>
<td>Farmers of Chanho Village of Ranchi District</td>
<td>50</td>
</tr>
</tbody>
</table>

## 8.5 Awards & Recognitions (2016-21)

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Name Of Scientists/Teachers</th>
<th>Name of Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Sushil Prasad (Univ. Professor)</td>
<td>Fellowship Award from Society of Sustainable Development in Agriculture &amp; Technology at RVRSAU, Gwalior (2016)</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Ravindra Kumar (Asstt. Professor)</td>
<td>Fellowship Award from Society of Sustainable Development in Agriculture &amp; Technology at RVRSAU, Gwalior (2016)</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Suresh Mehta</td>
<td>Fellow IAVA Award-2018.</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Suresh Mehta</td>
<td>Life time achievement award in PRAGATI-2019.</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Kundan Kumar</td>
<td>Young Scientist award in National Symposium on “Recent Advances in Diagnostic Pathology for Emerging and Re-emerging Disease of Livestock, Poultry under Farming Condition and Wild life - 2020.</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Nandani Kumari</td>
<td>IMRF Young Scientist award in IMRF 112th International conference 2019”</td>
</tr>
<tr>
<td>Sl.</td>
<td>Name Of Scientists/Teachers</td>
<td>Name of Award</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Suresh Mehta</td>
<td>Distinguished Scientist Award in 4th National Conference (DISHA 2021)</td>
</tr>
<tr>
<td>11.</td>
<td>Dr. Pankaj Seth</td>
<td>Best KVK Scientist Award by Society of Krishi Vigyan Kendra in National Virtual Conference 2020 at Punjab.</td>
</tr>
<tr>
<td>12.</td>
<td>Dr. Pankaj Seth</td>
<td>Academic Brand Award during 5th Academic Brand Award 2020.</td>
</tr>
<tr>
<td>13.</td>
<td>Dr. Pankaj Seth</td>
<td>Research Excellence Award - 2020 by Institute of Scholars, Bangalore</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Pankaj Seth</td>
<td>Jharkhand Seva Ratna Award</td>
</tr>
<tr>
<td>15.</td>
<td>Dr. Pankaj Seth</td>
<td>International Fellow Award – 2021</td>
</tr>
<tr>
<td>16.</td>
<td>Dr. Sushma Lalita Bakhala</td>
<td>International Fellow Award – 2021</td>
</tr>
<tr>
<td>17.</td>
<td>Dr. Praveen Kumar</td>
<td>Excellence in Teaching Award in International Conference.</td>
</tr>
<tr>
<td>18.</td>
<td>Dr. Lavlin Shweta Khakha</td>
<td>Young Scientist Award in International Conference.</td>
</tr>
<tr>
<td>19.</td>
<td>Dr Nandini Kumari Assistant Professor</td>
<td>Outstanding International Women Awards by Center for Advanced Research &amp; Design, Chennai &amp; Venus International Foundation.</td>
</tr>
<tr>
<td>20.</td>
<td>Dr Alok Kumar Pandey University Professor</td>
<td>Outstanding Achievement Award in 2nd National Conference - DISHA-2018’</td>
</tr>
<tr>
<td>21.</td>
<td>Dr Bhushan Kumar Singh Teaching Associate</td>
<td>Best Young Scientist Award in 2nd National Conference - DISHA-2018’</td>
</tr>
<tr>
<td>22.</td>
<td>Dr Sushil Prasad</td>
<td>Excellence in Teaching Award in International Conference on Food Security and Sustainable Agriculture at Pataya, Bangkok, Thailand</td>
</tr>
<tr>
<td>23.</td>
<td>Dr. Sushil Prasad University Professor</td>
<td>Global Icon Award – 2020 by Directorate of Poultry Research Institute, Hyderabad.</td>
</tr>
<tr>
<td>24.</td>
<td>Dr. M. K. Gupta University Professor</td>
<td>Best Veterinary Pathology Worker Award – 2020 by IAVP.</td>
</tr>
<tr>
<td>25.</td>
<td>Dr. Alok Kumar Pandey University Professor</td>
<td>Dr. Vargeese Life Time Achievement Award – 2020 by NDRI, Karnal</td>
</tr>
</tbody>
</table>

9. MILESTONES

1. 1961 Establishment of the College under Ranchi University, Ranchi
2. 1970 Inception of Rajendra Agricultural University, Pusa, Samastipur, Bihar
3. 1978 Shifting to Trimester System.
4. 1981 Establishment of Modern Clinical Complex & Input Centre.
5. 1982 Introduction of Ph.D Programme in almost all major subjects.
6. 1983 Gauti A. Shastri Award to Dr. H.V S. Chauhan.
7. 1984 Rated as one of the best Veterinary Colleges of India by a Parliamentary delegation
8. 1985 Hari Om Ashram Trust Award to Dr. B.K. Tiwari and Co-workers.
10. 1986 Development of T x D Breeds of pigs
11. 1989 Fakhrudeen Ali Ahmad Award to Dr. R. C. Singh and Co-workers.
    Shifting to semester system of teaching & evaluation.
12. 1991. Rajendra Prasad Award to Dr. H.V. Chauhan.
13. 1998 Adoption of VCI syllabus and evaluation pattern introduction of Ph.D programme in almost all subjects.
Bishnu Sudhma Memorial Rao Award to Dr. D. K. ‘Dron’ and Dr. L.B. Singh.
14. 1999 Smt. Leelawati Krishna Rao Award to Dr. D. K. ‘Dron’ and Dr. L.B. Singh.
15. 2000 Young Scientist Award (I.J.E.E.) to Dr. Alok Kumar Pandey.
17. 2019 Outstanding achievement award in the field of Vety. Anatomy by PRAGATI to Dr. Suresh Mehta.
18. 2020 Excellent in Teaching award by AEABS to Dr. Suresh Mehta.
19. 2020 Best M.V.Sc. Thesis award by AEABS to Dr. Taufique Ahmad.
20. 2020 Excellence in Teaching Award to Dr Sushil Prasad in International Conference on Food Security and Sustainable Agriculture at Pataya, Bangkok, Thailand
21. 2020 Best Veterinary Pathology Worker Award – 2020 to Dr. M. K. Gupta by IAVP.
22. 2020 Dr. Vargeese Life Time Achievement Award – 2020 to Dr. Alok Kumar Pandey by NDRI, Karnal

10. Future Thrust
Faculty of Veterinary is endowed with the great mission of contributing to nutritional security and bringing almost transformational changes in the lives of small and marginal farming community in Jharkhand. The challenge unfolds in the form of many components which call for careful planning and sustained effort. Some key themes are captured in the following bullets:

- Residual analysis of environmental pollutants with special reference to heavymetal and chemotherapeutic agents in meat, milk and other animal’s product.
- Genetic mapping of domestic animals of Jharkhand.
- Development of disease resistance species of animals including birds.
- Development of tests to assess intracellular bacterial killing for selection of most appropriate antimicrobial agents in different type of infection.
- Development of protocol for assessment of proliferative behaviours of different types of tumors.
- Development of antibiotics against disease producing micro organisms.
- To develop suitable techniques for treatment of urolithiasis in animals.
- Development of techniques for identification of adulterated cooked meat.
- Development of Veterinary pharmacovigilance for monitoring adverse drug reaction in animal from different sectors of Jharkhand.
- Assessment of different batanicals having immune-stimulant properties.
- Development of new vaccines with respect to emerging diseases.
- Development of preventive measures against anestrous and repeat breeders in animals of Jharkhand.
- Development of protocols for value addition in meat and milk product.
- strengthening of seroepidemiological surveillance and disease forecasting systems for taking earlier preventive measures in Jharkhand.
- Development of simple technique for early detection for pregnancy in animals at farmers door/rural areas.
- Livestock improvement with technologies to enhance production, productivity, reproduction and health.
INFORMATION BROCHURE

Media News

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