

DEPARTMENT OF VETERINARY MICROBIOLOGY
COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY
NAU, NAVSARI - 396450

a. List of Departments and Faculties

Faculty information should be provided as per the below table format:

Sr. No.	Name	Designation	Highest Qualification	Contact details & Email ID
1	Dr. I. H. Kalyani	Professor & Head	Ph.D (Vety. Microbiology)	M.:09537797532 email: ihkvet@nau.in
2	Dr. D. R. Patel	Assistant Professor	Ph.D (Vety. Microbiology)	M.:09898184293 email: vetdharmesh74@yahoo.com
3.	Dr. P. M. Makwana	Assistant Professor	M.V.Sc. (Vety. Microbiology)	M: 09662529049 email:drpushpa17@gmail.com

b. List of projects ongoing information to be provided as per the below table format:

Sr. No.	Title	Year of commencement	Funding Agency	Budget Head
1	Establishment of Regional Animal Disease Diagnosis & Research Laboratory	2012	Government of Gujarat	12049

c. Courses offered information to be provided as per the below format

Sr. No.	Course title with UG / PG	Year (VCI-2016) / Semester
	UG students (B.V.Sc. & A.H.)	
01	Veterinary Microbiology (3+2=5)	Year pattern for II nd year Professional course (VCI - 2016)
02	Veterinary Clinical Practices-II (0+6=6)	Yearly pattern for IV th year Professional course (VCI - 2016)
03	Veterinary Clinical Biochemistry and Laboratory Diagnosis – I (0+1=1)	VIII th Semester New VCI pattern (VCI - 2008)
	PG students (M.V.Sc. and Ph.D.)	
	Courses offer as and when student/s (M.V.Sc. or Ph.D. or both) will enrol.	As per the ICAR – New and Restructured PG Curricula & Syllabi of 2009

d. Infrastructure facilities

- i. Laboratories (important equipments) (Give list for the instruments costing more than 5.0 lacs)
 - a) Automatic Glassware Washer with Accessories
 - b) Veriti R. Thermal Cyler with (4375786) – PCR machine
 - c) Leica Inverted Microscope Drvil HC with digital camera
 - d) Thermo Scientific Hereaus Biofuge stratus (ultra-centrifuge machine)
 - e) Gel Documentation System Highly Advanced Fully (G BOX EF2
 - f) Inverted fluorescent Microscope (EVOS)
 - g) SALVIS CO2 Incubator
 - h) Merck Millipore synergy Water Purification System
- ii. Seminar / Examination Hall - NIL
- iii. Classroom – AV/ Smart- NIL

e. Master and Doctoral Thesis (Title of Last 05 years)

Sr. No.	Year of Submission (Hardbound)	Degree	Name of the student	Name of the Major guide	Title of the thesis
Master Degree – Veterinary Microbiology					
1	2016	M.V.Sc. (Veterinary Microbiology)	Patel Hardikkumar Ishwarlal	Dr. I. H. Kalyani	Detection and characterization of <i>Escherichia coli</i> isolated from caprine neonatal diarrhoea
2	2017	M.V.Sc. (Veterinary Microbiology)	Pandya Shailee Manishkumar	Dr. I. H. Kalyani	Detection, isolation and molecular characterization of canine parvovirus in canines in and around Navsari district
3	2018	M.V.Sc. (Veterinary Microbiology)	Urvashi H. Patel	Dr. I. H. Kalyani	Identification and characterization of biofilm producing <i>Staphylococcus aureus</i> isolates from mastitis in cattle
Ph.D. Degree – Veterinary Microbiology					
01	2016	Ph.D. (Veterinary Microbiology)	Sharma Kishan Kumar	Dr. I. H. Kalyani	Evaluation of oncolytic potential and immune response to Newcastle disease virus (NDV) in mice (<i>Mus musculus</i>)
02	2016	Ph.D. (Veterinary Microbiology)	Patel Dharmeshkumar Rameshbhai	Dr. I. H. Kalyani	Sero-epidemiological and molecular characterization of bovine herpesvirus 1 (BoHV-1) in bovine of Southern Gujarat
03	2018	Ph.D. (Veterinary Microbiology)	Sakhare Pramodkumar Shriram	Dr. I. H. Kalyani	Detection, isolation and molecular characterization of Peste des petits ruminants virus in small ruminants of South Gujarat
04	2019	Ph.D. (Veterinary Microbiology)	Dushyant Mugliker Madhukarrao	Dr. I. H. Kalyani	Molecular Detection of Drug Resistance and virulence related genes in Avian Pathogenic Escheria Coli (APEC) isolated poultry

f. Achievements / Awards (Important achievements / major awards etc.)

- g. Gallery:** Photos with caption of events held in colleges. At least 04 photos of the events should be uploaded with the caption. (Kindly use High resolution photos)

One day State level under ASCAD seminar on “Strategies, approach and preparedness of veterinarians for control of Emerging and Re-emerging Zoonoses” on January 04, 2015.



One day State level under ASCAD seminar on “Implementing appropriate vaccination regimen for improved animal health and sustained production,” on January 8th, 2017.

