

Annexure I: Research Proposals submitted by M.V.Sc & Ph.D students for approval of IBSC

M.V.Sc.								
<i>Sl. No.</i>	<i>Name of the student(s)</i>	<i>Roll No.</i>	<i>Title of the research Problem</i>	<i>Name of the Guide</i>	<i>Proposed Category of Experiment</i>	<i>Verified Category of Experiment</i>	<i>BSL level required</i>	<i>Remarks</i>
ANIMAL BIOTECHNOLOGY								
1.	Dr. Ankita Saikia	2019-VMK-01	Molecular Detection and Characterization of Hepatitis E Virus in Pigs of Assam	Dr. Biswajyoti Borah	2	2	II	Approved
2.	Dr. Debarun Borah	2019-VMK-02	Expression of Cap protein of Porcine Circovirus 2 (PCV2) and Evaluation of its immunogenicity in Mice	Dr. G. Hazarika	2	2	II	Approved.
ANIMAL GENETICS AND BREEDING (AGB)								
3.	Dr. Hanidul Hoque	2019-VMK-03	Characterization of indigenous geese of Assam	Dr. A. Phookan	NA	NA	NA	Approved
4.	Dr. Jehirul Islam	2019-VMK-04	Performance of indigenous chicken in certain districts of Assam under backyard farming system	Dr. A.M. Ferdoci	NA	NA	NA	Approved
5.	Dr. Mikkit Lepcha	2019-VMK-05	Studies on <i>in vitro</i> Culture and Characterization of Porcine Spermatogonial Stem Cells and their Cryopreservation at -80°C	Dr. A. Das	NA	2	II	Approved. However, the work needs to be carried out in a BSL-II lab only.
ANIMAL NUTRITION (ANN)								
6.	Dr. Aibaniairi Fancon	2019-VMK-06	Effects of feeding of prebiotics, probiotics and synbiotics in broiler chicken fed on corn-soya based diet	Dr. R. Bhuyan	NA	1	I	Approved
7.	Dr. Ajay Barman	2019-VMK-07	Effect of dietary supplementation of zinc nano particles on growth performance of crossbred calves	Dr. L.J. Borah	NA	NA	NA	Approved
8.	Dr.DangshawaMorung	2019-VMK-08	Effect of feeding nano-Fe on growth performance and nutrient utilization in grower pigs	Dr. B.N. Saikia	NA	NA	NA	Approved
9.	Dr.KoustovSaikia	2019-VMK-09	Performance of broiler chicken on feeding diet containing ginger oil	Dr. A.K. Gohain	NA	NA	NA	Approved

10.	Dr. Mokadesh Ali	2019-VMK-10	Effect of dietary supplementation of cysteine-protease and 1,4- β - xylanase and their combination in low plane of nutrition on growth performance of commercial broiler chicken	Dr. G. Saikia	NA	NA	NA	Approved
11.	Dr. Rupjyoti Dutta	2019-VMK-11	Effect of supplementation of acidifiers on the performance of broiler chicken	Dr. R. Bhuyan	NA	NA	NA	Approved
ANIMAL REPROD., GYNAE. AND OBSTETRICS (ARGO)								
12.	Dr. Chayanika Das	2019-VMK-12	Extrapolation of Gestational curve and whelping time in Bitch	Dr. P.M. Baruah	1	NA	NA	Approved
13.	Dr. Dipika Deori	2019-VMK-13	Effect NANO Zinc supplementation of reproductive performance of Assam Hill Goat	Dr. L.J. Dutta	NA	NA	NA	Approved
14.	Dr. Hrangchung Phunchu Bappu	2019-VMK-14	Diagnostic and Therapeutic management of Canine Transmissible venereal Tumor (CTVT)	Dr. M. Bhuyan	NA	1	I	Approved
15.	Dr. Kanchan Joshi	2019-VMK-15	Preservation of Dog semen in CLC loaded soybean extender	Dr. K. Ahmed	NA	NA	NA	Approved
16.	Dr. Pankaj Chakravorty	2019-VMK-16	Therapeutic efficacy of certain herbs in the treatment of anestrous in cows	Dr. D.K. Sarma	NA	NA	NA	Approved
17.	Dr. Sweta Pachani	2019-VMK-17	Determination of breeding time and diagnosis of pregnancy in bitch	Dr. P.M. Barua	1	NA	NA	Approved
LIVESTOCK PRODUCTION AND MANAGEMENT (LPM)								
18.	Dr. Biswa Sankar Dutta	2019-VMK-18	Performance of Hampshire Piglets Fed on Indigenously fermented Feed	Dr. J.R. Bora	NA	NA	NA	Approved
19.	Dr. Hirakjyoti Das	2019-VMK-19	Study on different methods of pig rearing practices in Goalpara and Baska districts of Assam	Dr. N.K. Sarma	NA	NA	NA	Approved
20.	Dr. Kayitha Madhukar	2019-VMK-20	Effect of feeding liver tonic on growth performance of crossbred dairy calves	Dr. J.P. Bordoloi	NA	NA	NA	Approved
21.	Dr. Minder Teron	2019-VMK-21	Effect of weaning age on the growth performance of crossbred calves	Dr. J. Hussain	NA	NA	NA	Approved

22.	Dr. Phanidhar Mili	2019-VMK-22	Performance of Hampshire piglets reared on hot water treated floor	Dr. A. Haque	NA	NA	NA	Approved
LIVESTOCK PRODUCTS TECHNOLOGY (LPT)								
23.	Dr. Manas Jyoti Chutia	2019-VMK-23	Effect of spices and methods of smoking on certain quality attributes of channa sausage	Dr. M. Requib	1	NA	NA	Approved
POULTRY SCIENCE								
24.	Dr. Loveleena Tayeng	2019-VMK-24	Immunomodulatory and growth promoting effect of Tulsi (<i>Ocimum Sanctum</i>) in broiler Chicken	Dr. M. Sarma	NA	NA	NA	Approved
25.	Dr. Metung Kamchi	2019-VMK-25	Effect of fenugreek (<i>Trigonella goenum-gracum</i> L.) seed powder natural feed additive on growth performance of commercial broiler chicken	Dr. R. Saikia	NA	NA	NA	Approved
VETERINARY ANATOMY & HISTOLOGY								
26.	Dr. Kulajit Kalita	2019-VMK-26	Anatomical studies on liver and pancreas of Pati duck (<i>Anas platyrhynchos domesticus</i>) of Assam during post-natal development	Dr. J. Rajkhowa	NA	NA	NA	Approved
27.	Dr. Tanu Dogra	2019-VMK-27	Post-natal development of tongue oesophagus and proventriculus of Pati duck (<i>Anas platyrhynchos domesticus</i>) of Assam at different age groups	Dr. M. Talukdar	NA	NA	NA	Approved
VETY. BIOCHEMISTRY								
28.	Dr. Samiron Borah	2019-VMK-28	Development of nanoparticle based oral vaccine against necrotic enteritis and evaluation of its immuno-potential	Dr. S. Tamuli	2	2	II	Approved
VETY. CLINICAL MEDICINE, ETHICS & JURISPRUDENCE								
29.	Dr. Champa Sharma	2018-VMK-30	Anthelmintic activity of <i>Acorus calamus</i> rhizome extract against <i>Haemonchus</i> species in goat	Dr. B. Changkija	NA	I	I	Approved
30.	Dr. Jakir Hussain	2019-VMK-30	Studies on anthelmintic efficacy of <i>Zanthoxylum armantum</i> against gastrointestinal parasites of goat	Dr. T.C. Dutta	NA	NA	NA	Approved
31.	Dr. Pooja Sonar	2019-VMK-31	Urinary tract infection in dog and its therapeutic management	Dr. D.N. Kalita	NA	2	II	Approved. However, the work needs to be carried out in a BSL-II lab only.

32.	Dr. Prerona Patowary	2019-VMK-32	Congestive heart failure in dogs & its therapeutic management	Dr. A. Phukan	NA	NA	NA	Approved
33.	Dr. Tanu Sharma	2019-VMK-33	Evaluation of salivary biomarkers for chronic kidney disease in dogs	Dr. B. Changkija	NA	NA	NA	Approved
VETY. EPIDEMIOLOGY & PREVENTIVE MEDICINE (VEP)								
34.	Dr. Chayanika Mazumder	2019-VMK-34	Detection and genotypic characterization of rotavirus in dog and its management	Dr. G. Mahato	NA	2	II	Approved. However, the work needs to be carried out in a BSL-II lab only.
35.	Dr. Nikita Thingom Chanu	2019-VMK-36	Hormonal mineral status of captive Asian elephants (<i>Elephas maximus</i>) under stress condition and its management	Dr. G. Mahato	NA	NA	NA	Approved
36.	Dr. Tinku Das	2019-VMK-37	Prevalence of bat lyssavirus in Assam	Dr. J.B. Dutta	NA	3	III	Approved. However, the work related to detection of lyssavirus needs to be carried out strictly in the reference lab only, as mentioned in the synopsis.
VETY. EXTENSION EDUCATION								
37.	Dr. David Teilang Sun	2019-VMK-38	Adoption level in scientific poultry rearing practices in Ri-Bhoi district of Meghalaya	Dr. M. Johari	NA	NA	NA	Approved
38.	Dr. Deepjyoti Roy	2019-VMK-39	Impact of female participation in livestock and poultry enterprises in ensuring women empowerment and household food security among selected tribes / ethnic group in Goalpara district of Assam	Dr. M.N. Roy	NA	NA	NA	Approved
39.	Dr. Parag Sankar Choudhury	2019-VMK-40	Dynamics of urbanization in the livelihood of livestock farmers in the peri-urban areas of Guwahati city	Dr. P. Hazarika	NA	NA	NA	Approved
VETY. MICROBIOLOGY								
40.	Dr. Lewamangphika Rapthap	2019-VMK-41	Adaptation of mesogenic Newcastle disease virus (genotype XIII) in Vero cell and its immunogenic	Dr. R. Sarmah	2	2	II	Approved

			potential					
41.	Dr. Sumi Chungkrang	2019- VMK-42	Molecular characterization of Avipox virus from domestic ducks	Dr. D.P. Bora	2	2	II	Approved
42.	Dr. Uma Rani Jamatia	2019- VMK-43	Immuno response of oil adjuvanted classical Swine fever virus antigen in pig	Dr. N.N. Barman	2	2	II	Approved
VET. PATHOLOGY (VPP)								
43.	Dr. Deepjyoti Saharia	2019- VMK-45	Etiopathological studies on bacterial pneumonia in goats	Dr. C.V. Phangcho	2	2	II	Approved
44.	Dr. Prakash A N	2019- VMK-46	Clinico-pathological studies of ethanol toxicity in rat and its ameliorative effect with commercially available herbal preparations	Dr. B. Dutta	NA	NA	NA	Approved
45.	Dr. Risabh Sarmah	2019- VMK-47	Pathomorphology and molecular detection of <i>Mycoplasma</i> infection in broiler chicken	Dr. B. Dutta	3	2/3	III	Approved. However, the work needs to be carried out in a BSL-III lab only.
46.	Dr. Sabina Yasmin	2019- VMK-48	Pathomorphological and molecular detection of bacterial pathogens associated with porcine pneumonia	Dr. S.A. Begum	2	2	II	Approved
47.	Dr. Samiran Borah	2019- VMK-49	Etiopathology of pre-weaning mortality in piglets with particular emphasis on anemia and hypoglycemia	Dr. S.M. Tamuli	2/3	2	II	Approved
VET. PHARMACOLOGY								
48.	Dr. Kushal Rabha	2019- VMK-50	Evaluation of wound healing properties of <i>Zanthoxylum oxphyllum</i> an indigenous medicinal plant	Dr. P. Mohan	NA	NA	NA	Approved
49.	Dr. Sumitra Debnath	2019- VMK-51	Evaluation of anti-inflammatory, analgesic and antipyretic activity of <i>Nyctanthesarbor tristis</i> Leaf Extract	Dr. A. Hazarika	NA	NA	NA	Approved
VET. PHYSIOLOGY								
50.	Dr. Iqbal Salik Minhaz	2019- VMK-52	Zinc medicated performance in Assam Hill Goat	Dr. A. Bora	NA	NA	NA	Approved
VET. PUBLIC HEALTH								

51.	Dr. Md. Jakir Hussain	2019-VMK-54	West Nile virus: seroprevalence in duck and molecular detection of the virus in mosquitoes in and around Guwahati	Dr. A. Talukdar	3	2	II	Approved
52.	Dr. Johnson T H	2019-VMK-55	Detection of bacterial biofilms in drinking water systems in peri-urban dairy farms of Guwahati city	Dr. S. Sonowal	2	2	II	Approved
VET. SURGERY AND RADIOLOGY								
53.	Dr. Arja Avinash	2019-VMK-56	Anaesthetic effects of different doses of dexmedetomidine with ketamine in bovine	Dr. Biraj Kr. Sarma	NA	NA	NA	Approved
54.	Dr. Assad Al Imran	2019-VMK-57	Efficacy of intra-articular autologous platelet rich plasma (PRP) and ascorbic acid in degenerative joint disease of dogs supplemented with chondroitin sulphate and glucosamine	Dr. Mridu Pavan Baishya	NA	NA	NA	Approved
55.	Dr. Banashree Gogoi	2019-VMK-58	Effect of jackfruit (<i>Artocarpus heterophyllus</i>) sap and chitosan derived biosealant on wound management	Dr. B. Deuri	NA	NA	NA	Approved
56.	Dr. Fulmoni Kalita	2019-VMK-59	The efficacy of pectin-honey hydrogen and olive oil-vitamin e preparation in prevention of post-operative intraperitoneal adhesions in rabbits	Dr. P.J. Nath	NA	NA	NA	Approved
57.	Dr. Iftikar Islam	2019-VMK-60	Investigation of ocular maladies and its therapeutic management in veterinary patients	Dr. Manav Sharma	NA	2	II	Approved

Ph.D.								
<i>Sl. No.</i>	<i>Name of the student(s)</i>	<i>Roll No.</i>	<i>Title of the research Problem</i>	<i>Name of the Guide</i>	<i>Proposed Category of Experiment</i>	<i>Verified Category of Experiment</i>	<i>BSL level required</i>	<i>Remarks</i>
ANIMAL BIOTECHNOLOGY								
1.	Dr. Arifa Begum	2019-VDK-01	Characterization of biofilm of <i>Salmonella</i> and evaluation of its immunopotential in mice	Dr. S. Tamuli	2	2	II	Approved
2.	Dr. Simanta Koushik	2019-VDK-02	Gut bacterial metagenome of indigenous Pato duck (<i>Anas platyrhynchos domesticus</i>) of	Dr. P. Borah	2	2	II	Approved

			Assam and identification of potential probiotic isolates					
ANIMAL GENETICS AND BREEDING								
3.	Dr. Ankita Gogoi	2019-VDK-03	Phenotypic characterization and polymorphism study of prolactin gene in native geese of Assam	Dr. B. Das	NA	NA	NA	Approved
ANIMAL NUTRITION								
4.	Dr. Sikhamoni Haloi	2019-VDK-05	Effect of feeding protected proteins on milk yield and nutrient utilization in crossbred cows	Dr. R. Bhuyan	NA	NA	NA	Approved
ANIMAL REPROD., GYNAE. & OBSTETRICS (ARGO)								
5.	Dr. W. Lomen Singh	2019-VDK-06	Effect of antioxidants on quality and relative expression of fertility related genes of cryopreserved Beetal buck semen	Dr. S. Sinha	NA	NA	NA	Approved
LIVESTOCK PRODUCTION AND MANAGEMENT (LPM)								
6.	Dr. Chinmoy Dutta	2019-VDK-07	Effect of polyherbal feed supplementation on performances of Assam Hill Goat	Dr. J.P. Bordoloi	NA	NA	NA	Approved
7.	Dr. Nanda Kumar Roy	2019-VDK-08	Performance of crossbred Hampshire pig fed on poultry by-products	Dr. D.C. Mili	NA	NA	NA	Approved
8.	Dr. Raj Jyoti Deka	2019-VDK-09	Effects of housing management on dairy cow productivity	Dr. D.K. Baruah	NA	NA	NA	Approved
9.	Dr. Shafiqul Islam	2019-VDK-10	Performance of Assam Hill Goat under different housing management system	Dr. A. Haque	NA	NA	NA	Approved
10.	Dr. Venus Das	2019-VDK-11	Amelioration of heat stress through certain managerial interventions in lactating dairy cows	Dr. J. Hussain	NA	NA	NA	Approved
LIVESTOCK PRODUCTS TECHNOLOGY (LPT)								
11.	Dr. Anindita Mali	2019-VDK-12	Effects of different methods of smoking and levels of fat on certain quality characteristics of buffalo meat sausages	Dr. S.K. Laskar	2	2	II	Approved

12.	Dr. Param Debbarma	2019-VDK-13	Detection and deactivation of antimicrobial residues in pork	Dr. M. Hazarika	2	2	II	Approved
13.	Dr. Rashmi Rekha Saikia	2019-VDK-15	Interaction studies of microbial enzymes and phytochemicals of Bael (<i>Aegle marmelos</i>) in flavour enhancement of cow's milk ghee	Dr. T. Borpuzari	1	1	I	Approved
POULTRY SCIENCE								
14.	Dr. Dimpi Choudhury	2019-VDK-16	Development of ready-to cook chicken chips using spent hen meat incorporated with fenugreek seed and / or Leaves powder	Dr. D. Sapkota	NA	NA	NA	Approved
15.	Dr. Kashmiri Begum	2019-VDK-17	Effect of incorporation of Moringa (<i>Moringa oleifera</i>) and / or curry leaves (<i>Murrayakoenigii</i>) powder on the quality attributes of flat noodles using spent hen meat	Dr. J.D. Mahanta	NA	NA	NA	Approved
VETERINARY BIOCHEMISTRY								
16.	Dr. Nabajyoti Deka	2019-VDK-18	Development of mucosal vaccine against <i>Riemerella anatipestifer</i> based on membrane antigen conjugated with nanoparticles	Dr. D.J. Kalita	NA	2	II	Approved
17.	Dr. Prasanta Chabukdhara	2019-VDK-19	Biochemical profile and innate immune response of indigenous ducks to Duck plague virus infection	Dr. D.J. Kalita	NA	2	II	Approved
VETY. EPIDEMIOLOGY & PREVENTIVE MEDICINE (VEP)								
18.	Dr. Prasanta Kumar Boro	2019-VDK-20	Epidemiology of Rabies in Assam	Dr. J.B. Dutta	NA	2	II	Approved. However, the work related to collection & packaging of the brain of suspected rabid animals needs to be carried out under strict biosafety precautions.
19.	Dr. Pubaleem Deka	2019-VDK-21	Immunogenic potential of a thermostable mesogenic Newcastle disease virus (Genotype XIII) isolate from Assam	Dr. G. Mahato	2	2	II	Approved

	VETY. EXTENSION EDUCATION							
20.	Dr. Dimpal Gogoi	2019-VDK-22	Assessment of livelihood asset base and vulnerability of livestock farmers in peri-urban areas of Guwahati city	Dr. P. Hazarika	NA	NA	NA	Approved
	VETY. MICROBIOLOGY							
21.	Dr. Himasri Das	2019-VDK-23	Biofilm production, associated genes and antimicrobial resistance <i>Escherichia coli</i> isolated from bovine mastitis	Dr. G.K. Saikia	2	2	II	Approved
	VETY. PARASITOLOGY							
22.	Dr. Neelakshi Deka	2019-VDK-25	Efficacy of selected herbal preparations against gastrointestinal nematodes with special reference to <i>Haemonchus contortus</i> in goats	Dr. S.C. Phukan	2	2	II	Approved
23.	Dr. Pallabi Devi	2019-VDK-26	Tick and tick-borne parasitic diseases of dog prevalent in and around Guwahati, Assam	Dr. S. Islam	1	2	II	Approved
24.	Dr. Rabeya Begam	2019-VDK-27	Ixodid ticks their acaricide resistance and tick-borne haemoparasites in cattle	Dr. S.K. Talukdar	1	2	II	Approved
	VETY. PATHOLOGY (VPP)							
25.	Dr. Binita Baruah	2019-VDK-28	Toxicopathological studies of flubendiamide and iron interaction in laboratory animals	Dr. S.M. Tamuli	NA	NA	NA	Approved
	VETY. PHYSIOLOGY							
26.	Dr. Chinmoyee Bharali	2019-VDK-32	Remodelling of culture system to enhance quality pig embryo production <i>in vitro</i>	Dr. N.C. Nath	NA	NA	NA	Approved
27.	Dr. Sayed Nabil Abedin	2019-VDK-33	Effect of ascorbic acid on expression of heat shock protein genes in cryopreserved semen of Assam Hill Goat	Dr. A. Baruah	NA	NA	NA	Approved
	VETY. PUBLIC HEALTH							
28.	Dr. Chandrani Goswami	2019-VDK-34	Occurrence of extended spectrum beta-lactamase producing <i>Escherichia coli</i> and	Dr. R.A. Hazarika	2	2	II	Approved

			<i>Klebsiella pneumoniae</i> in commercial chicken of urban and peri-urban farms of Guwahati					
29.	Dr. Uttam Rajkhowa	2019-VDK-35	Sero-epidemiology of Japanese Encephalitis in chicken and duck and its molecular detection of mosquito vectors	Dr. A.G. Barua	2	2	II	Approved
VETY. SURGERY AND RADIOLOGY								
30.	Dr. Nirmali Sarma	2019-VDK-36	Ultrasonographic evaluation of the internal organs in captive and wild animals of Assam	Dr. D. Kalita	NA	NA	NA	Approved

Annexure II: Externally-funded Research Projects submitted by PIs for approval of IBSC

Sl. No.	Department	Title of Research Project	Name of the PI with designation	Funding Agency	Proposed Category of Experiment	Verified Category of Experiment	BSL level required	Remarks
1.	Microbiology	Establishment of a Consortium for One Health to address Zoonotic and Transboundary Diseases in India including the Northeast region.	Dr. N.N. Barman Professor & Head, Dept. of Microbiology	DBT, GoI	Not mentioned	II/III	BSL 2 & BSL 3	Approved provisionally subject to final approval of RCGM
2.	Animal Biotechnology	Modelling of indigenous diagnostics and immune-potent vaccine candidates to combat African swine fever in India	Dr. Lukumoni Buragohain Assistant Professor, Dept of ABT	DBT, GoI	III	III	BSL 3	Approved provisionally subject to final approval of RCGM
3.	Veterinary Biochemistry	An integrated approach to explore and exploit the innate and adaptive immune response in indigenous duck breeds of north eastern and south India	Dr. D.J. Kalita Professor & Head, Dept. of Veterinary Biochemistry	DBT, GoI	Not mentioned	II	BSL 2	Approved
4.	Microbiology	Modelling of indigenous diagnostics and immune-potent vaccine candidate African swine fever in India	Dr. N.N. Barman Professor & Head, Dept. of Microbiology	DBT, GoI	III	III	BSL 3	Approved provisionally subject to final approval of RCGM
5.	Animal Biotechnology	Generation of multivalent vector vaccine against Lumpy skin disease in cattle and evaluation of its immunogenic potency	Dr. Biswajyoti Borah Asst. Professor, Dept. of Animal Biotechnology	Assam Science technology and environment council	II	II	BSL 2	Approved
6.	Microbiology	Genomics-based discovery of (potential) pathogens for India's North-Eastern region (GDP-FINER)	Dr. Pankaj Deka Asst. Professor, Dept. of Veterinary Microbiology	DBT, GoI	II & III	II/III	BSL2 & BSL 3	Approved provisionally subject to final approval of RCGM

Sl. No.	Department	Title of Research Project	Name of the PI with designation	Funding Agency	Proposed Category of Experiment	Verified Category of Experiment	BSL level required	Remarks
7.	Animal Biotechnology	Development of a recombinant subunit vaccine against Swine pasteurellosis and evaluation of its immunoprotective efficacy	Dr. Deep Prakash Saikia Assistant Professor, Dept of ABT	Assam Science technology and environment council	II	II	BSL 2	Approved
8.	Microbiology	Validation and field testing of DIVA tests developed in ADMaC phase-I project for surveillance of brucellosis in North Eastern region of India	Dr. Durlav Prasad Bora Asst. Professor, Dept. of Veterinary Microbiology	DBT, GoI	II	II	BSL 2	Approved, as the work is limited to sero-prevalence study only.
9.	Microbiology	Development, evaluation and validation of peptide-based iELISA for the zoonotic diseases, (1) Brucellosis and (2) Coxiellosis (Q-fever)	Dr. Durlav Prasad Bora Asst. Professor, Dept. of Veterinary Microbiology	DBT (under ADMaC-II)	II	II	BSL 2	Approved, as the work is limited to validation of peptide-based iELISA only.
10.	Microbiology	Validation, regulatory compliance and translation of vaccine and molecular diagnostics for Duck Plague	Dr. Durlav Prasad Bora Asst. Professor, Dept. of Veterinary Microbiology	DBT, GoI	II	II	BSL 2	Approved
11.	Microbiology	Upgradation and Implementation of Knowledge Based system (KBS) in NER of India (An extended) activity of Advanced Animal Disease diagnosis and management Consortium (ADMaC)	Dr. N.N. Barman Professor & head, Dept. of Microbiology	DBT, GoI	NA	NA	NA	Approved
12.	Microbiology	SWINOSTICS: A platform for development and validation of diagnostics of important pig pathogens in NE region of India	Dr. Pankaj Deka Asst. Professor cum Assistant Virologist, Dept. of Veterinary Microbiology	DBT, GoI	II	II	BSL 2	Approved

Sl. No.	Department	Title of Research Project	Name of the PI with designation	Funding Agency	Proposed Category of Experiment	Verified Category of Experiment	BSL level required	Remarks
13.	Animal Biotechnology	Antibody engineering to develop rapid and cost-effective diagnostics for detection of Canine Distemper Virus (CDV) and Canine Parvovirus (CPV) infections	Dr. Dipak Deka Associate Professor, Dept of Animal Biotechnology	AAU	II	II	BSL 2	Approved
14.	Animal Biotechnology	Advanced Level SBT HUB with Leadership role in NER Research topic: “Viral pathogens associated with porcine reproductive disorders with special reference to Porcine Circovirus 2 (PCV2): Molecular characterization, and development of rapid diagnostics and new generation prophylactics”	Dr. Probodh Borah Professor & Head, Dept of Animal Biotechnology	DBT, GOI	II	II	BSL 2	Approved