

Hands-on-Training on Basic Laboratory Techniques for Diagnosis of Microbial and Parasitic Diseases

Under CORE LABORATORY – I

ADVANCED ANIMAL DISEASE DIAGNOSIS AND MANAGEMENT CONSORTIUM (ADMaC)

COLLEGE OF VETERINARY SCIENCE ASSAM AGRICULTURAL UNIVERSITY KHANAPARA, GUWAHATI-781 022

Training schedule for paravets under Core Lab – I, ADMaC, C.V.Sc., AAU, Khanapara

Date	Morning	Lunch	Afternoon
18-01-2016(Monday)	a) Brief review about the aims and objectives of ADMaC and data collection in the field. (Dr. N. N. Barman) b) Preparation of kit for collection of samples in the field. (Dr. Parikshit Kakati, Mintu Kalita)	1pm-2pm	a) Washing and sterilization of plastic and glasswares. b) Laboratory reagents preparation. PBS, NSS, Phosphate buffer glycerine, Alsever's solution etc.(Dr. Sarmita Doley, Dr. Purnima Gogoi, Jyotsna Kakati, Mintu Kalita)
19-01-2016(Tuesday)	a) Sample collection from different animal. b)Stool examination for parasitic infection. (Dr. Parikshit Kakati and Mintu Kalita)	1pm-2pm	Bacteriological media preparation. (Dr. Sarmita Doley, Jyotsna Kakati)
20-01-2016(Wednesday)	Inoculation of samples in bacteriological media (Dr. A. Goswami, Dr. Purnima Gogoi, Dr. Sarmita Doley, Jyotsna Kakati)	1pm-2pm	Serological test for diagnosis of different diseases. (Dr. A. Goswami, Dr. Arpita Bharali, Dr. Sarmita Doley, Jyotsna Kakati)
21-01-2016(Thursday)	Staining of bacterial isolates with simple stain, Microscopic observation & preservation (Dr. Purnima Gogoi, Dr. Sarmita Doley, Jyotsna Kakoti)	1pm-2pm	a) Antibiotic sensitivity test(Dr. A. Goswami, Dr. PurnimaGogoi, Dr. Sarmita Doley, Jyotsna Kakoti) b) Preparation of 1% Fowl RBC (Dr. S.M. Gogoi, Dr. Arpita Bharali, Mintu Kalita)
22-01-2016(Friday)	Importance on Post-mortem examination, practical demonstration and sample dispatch (Dr. T. Rahman)	1pm-2pm	Demonstration of HA & HI test (Dr. S. M. Gogoi, Dr. Arpita Bharali, Mintu Kalita)
23-01-2016(Saturday)	Feedback, Interaction session, Valedictory function and certificate distribution		

Core Laboratory-I









 $$\operatorname{\textsc{Day}}$\ 1$$ Brief review about the aims and objectives of ADMaC by Dr. N. N Barman





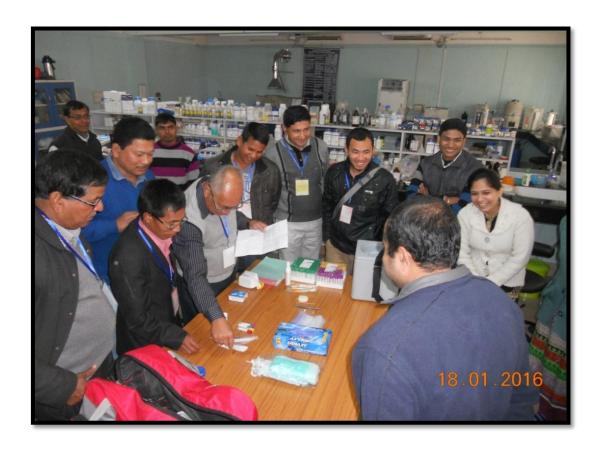
Introduction speech by our PI Dr. S.K. Das





Preparation of kits for collection of samples in the field







Laboratory reagents preparations















Day-2

A day out for sample collection from field









Day 3 Serological test







Inoculation of bacteriological sample







Day 4
Speech on Serological test by Dr. Sophia M. Gogoi



Blood collection from pig





 $$\operatorname{\textsc{Day-5}}$$ Speech on stool examination for parasitic infection by Dr. Dilip Kumar Deka





A Group photo with all the trainees and trainers of "Hands-on-Training on Basic Laboratory Techniques for Diagnosis of Microbial and Parasitic Diseases".

Valedictory function and certificate distribution represented by Dr. S. K. Das (PI), Dr. A. Chakraborty [DR (Vety)], Dr. T. Rahman (Co-PI) and Dr. N. N Barman (Co-PI),







