



*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 (ADM_aC)**

**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 Kakati) | 1pm-2pm | a) Antibiotic sensitivity test (Dr. A. Goswami, Dr. Purnima Gogoi, Dr. Sarmita Doley, Jyotsna Kakati) 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





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**



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),



