

Summary Report of the Training on

Pulsed Field Gel Electrophoresis and its Applications in Biological Sciences

A training programme on “Pulsed Field Gel Electrophoresis and its Applications in Biological Sciences” for scientists, researchers and academia was organized by Division of Animal Health, ICAR RC for NEH Region, Umiam, Meghalaya- 793103 during 28th – 30th March, 2014 at ICAR RC for NEHR, Umiam.

The training was inaugurated by Dr S.V. Ngachan, Director, ICAR RC for NEH Region, Umiam, Meghalaya on 28th August, 2014.

As per attendance record, a total of 47 participants attended the training programme from various institutes and organization of the regions.

Trainees’ profile included research scholars to MD/PhD students to professional microbiologist to principal scientists.

During the training, participants were offered a ‘hands-on’ approach’ which benefitted individually all participants.

Taken together all participants, the training programme provided a platform for interaction between medical, veterinary, agriculture and industry fraternity in harmony with ‘One Health’ concept.

To ensure ‘retention of knowledge’ a Training Manual on “Pulsed Field Gel Electrophoresis and its Applications in Biological Sciences” was published and distributed to the participants. The training will benefit researchers across the region in differentiating disease causing microbes and tracing sources of epidemics. The interaction during the training is also expected to lead to formation of a Network of PFGE Laboratories to cater to specific needs of northeastern India.