

TEC-IVRI Pune organised a hands-on training on ‘ESF Techniques for Fracture Management in Animals’ from 16th to 20th October 2023 for veterinary officers and practitioners

The Training and Education Centre, IVRI, Pune has organised a 5-day hands-on training programme on ‘*ESF Techniques for Fracture Management in Animals*’ from 16th to 20th October 2023, in collaboration with the District Veterinary Polyclinic, Department of Animal Husbandry, Aundh, Pune (Maharashtra). Eighteen (18) veterinary officers/practitioners from different states such as Karnataka (6), Maharashtra (3), West Bengal (2), Delhi (2), Haryana (1), Assam (1), Uttar Pradesh (1), Andhra Pradesh (1) and Kerala (1) participated in the paid training programme.

The Chief Guest of the inaugural function of the training programme held on 16th October 2023 was Dr Mohan Wani, Director, National Centre for Cell Science (DBT), Pune. Dr HP Aithal, Station In-charge TEC Pune and the Course Coordinator welcomed the guests and participants of the training programme, and briefed about the activities of IVRI Pune Centre and the importance of the flagship training of TEC on fracture fixation techniques for the advancement of surgical skill and knowledge of practicing veterinarians. Dr Mohan Wani, Chief Guest of the function appreciated the efforts of TEC Pune in organising the need based training programmes for the veterinarians and briefed the participants about the importance of basic understanding of pathophysiology of bone for effective treatment of fractures and other bone disorders. He also appreciated the participants who have come from different states and urged them to make full use of the training in learning latest skills in treating fractures. Dr Sanghratna V Bahire, Scientist (course co-coordinator), TEC Pune, proposed vote of thanks. Dr Amol Bhalerao, Scientist, TEC Pune (course co-coordinator) compered the event. Dr SK Das, Principal Scientist, was also present on the occasion.

The training included lectures, demonstrations and hands-on training on different internal and external skeletal fixation techniques such as IM pin fixation (normograde and retrograde techniques, cross pinning, stack pinning etc.), interlocking nailing, bone plating (DCP and LCP) and external skeletal fixation (liner and circular) techniques. Lectures also included principles of fracture fixation, including structure and development of bone, bone growth regulation, fracture types, fracture healing and factors affecting healing, bone graft and bone tissue engineering, complications of fracture fixation, arthritis and joint luxations, diagnostic imaging in veterinary orthopaedics, management of pain and anaesthesia in orthopaedic patients, and orthotics and prosthetics in small animal orthopaedics. The expert faculty included Dr HP Aithal, Principal Scientist from TEC Pune, Dr Satyawan Agivale and Dr Shalaka Chauhan, Assistant Professors from College of Veterinary Sciences, Shirwal, Satara. Online lectures were also given by Dr Aswathy Gopinathan (Senior Scientist), Dr Kiranjeet Singh (Principal Scientist), and Dr Rekha Pathak (Principal Scientist) from Division of Surgery, IVRI, Izatnagar; Dr Jitender Mohindroo, Professor, Department of Veterinary Surgery and Radiology, GADVASU, Ludhiana; Dr Amit Kumar, Assistant Professor, College of Vet. Sciences, Palampur; and Dr Surbhi K Tyagi, Assistant

Professor from COVAS, SVPUAT-Meerut. Dr Anil Deshpande, Deputy Commissioner of Animal Husbandry (Maharashtra), one of the first batch trainees, spoke on the importance of the hands-on training and how to make its full use in the field by narrating his experience. All the participants were very enthusiastic, took keen interest and actively participated in the hands-on training.

On the eve of training, an Orthopaedic Health Camp was organised at District Veterinary Polyclinic, Aundh, Pune, on 14th October 2023, which was inaugurated by Dr Anil Deshpande, Deputy Commissioner of Animal Husbandry. Dr Jayant Mahore, Assistant Commissioner and In-charge District Veterinary Polyclinic was also present on the occasion, apart from the scientists from TEC Pune and Dr Shalaka Chauhan, Assistant Professor (Surgery and Radiology) from COVS, Shirwal. During the camp, a total of 21 orthopaedic cases were examined and were used for demonstration and hands-on training to the participants of the training.

The valedictory function of the training was held on 20th October 2023. Dr VD Aher, Associate Dean, College of Veterinary Sciences, Shirwal, was the Chief Guest. Others present on the occasion were Dr Anil Deshpande (DCAH), Dr Jayant Mahore (ACAH), and Dr Sarika Funde, Chief Veterinary Officer, Pune Municipal Corporation. Dr Aithal welcomed the guests and briefed about the conduction of the training and hoped that the trainees have gained confidence from the learning experience during the training. The Chief Guest distributed certificates to the participants and spoke on the importance of training on fracture fixation, and hoped that the trainees would make full use of the skill and knowledge gained in treating the day to day orthopaedic cases. Dr VD Aher, outgoing Associate Dean, was felicitated during the occasion, on his superannuation. Dr Anil Deshpande, one of early batch participants, was given appreciation certificate for his efforts in field application of training skills and his continued support to TEC IVRI Pune in organizing various programmes. He appreciated the efforts of TEC in regularly organising orthopaedic training for practicing vets. The trainees expressed their confidence to treat fracture cases and profusely thanked TEC IVRI Pune and Department of Animal Husbandry Maharashtra State for providing an opportunity to learn advanced fracture fixation techniques. Dr Sanghratna V Bahire proposed vote of thanks and Dr Amol Bhalerao compered the proceedings.



Dr Mohan Wani, Director NCCS and Chief Guest addressing the participants



Participants of the training



Group photograph of participants, guests and faculty during the inaugural function of training



Participants in surgical attire ready for hands-on training



Demonstration and hands-on training on fracture fixation



Felicitation of Dr VD Aher, Associate Dean, COVS, Shirwal during the valedictory function



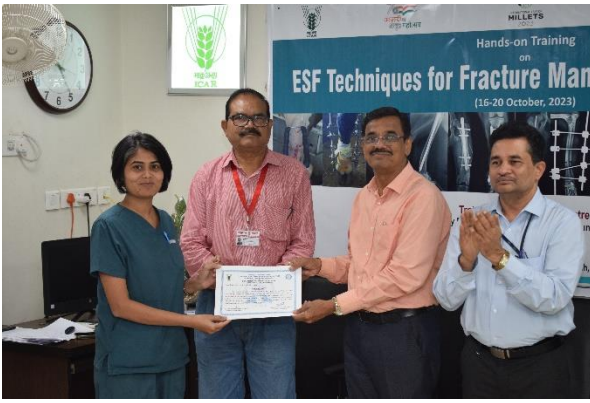
Appreciation certificate given to Dr Anil Deshpande, one of early batch participants for field application of training skill and his continued support to TEC Pune



Feedback from one of the participants



Feedback from one of the participants



Certificate distribution to a participant by the Chief Guest, Dr VD Aher



Certificate distribution to a participant by the Chief Guest, Dr VD Aher



Group photograph with the Chief Guest and participants during the valedictory function



Orthopaedic health camp- team of surgeons with animal owners and patients