

TEC Pune Successfully Organized a 5-day Hands-on Training on ‘Basic and Advanced Techniques of Internal Fixation of Fractures’ for Veterinary Officers and Practitioners during 15th to 19th September 2025

The Training and Education Centre (TEC), ICAR-IVRI, Pune, in collaboration with the District Veterinary Polyclinic, Department of Animal Husbandry, Aundh, Pune, organized a five-day intensive hands-on training programme on “*Basic and Advanced Techniques of Internal Fixation of Fractures*” from 15th to 19th September 2025. A total of 17 veterinary professionals—comprising postgraduates, officers, and practitioners—actively participated in the programme, representing twelve states across India: Maharashtra (2), Karnataka (2), Kerala (2), Andhra Pradesh (2), Gujarat (2), Tamil Nadu (1), Rajasthan (1), Madhya Pradesh (1), Odisha (1), West Bengal (1), Uttar Pradesh (1), and Haryana (1).

The inaugural session, held on 15th September 2025, was graced by Dr Sameer Borkar, Regional Joint Commissioner (Pune Region), Department of Animal Husbandry. In his address, he commended TEC Pune for consistently organizing need-based hands-on training programmes for veterinary professionals and encouraged the participants to acquire new skills and knowledge, enabling them to return with confidence to perform orthopedic surgeries. Dr HP Aithal, Course Director, welcomed the dignitaries and participants, and outlined the organization and conduct of the training programme. Dr KN Bhilegaonkar, Station In-Charge, TEC Pune, provided an overview of the various specialized, need-based training programmes conducted by IVRI Pune Centre since its inception in 2015. The formal vote of thanks was proposed by Dr SK Das, Principal Scientist, while Dr Sanghratna V Bahire, Course Coordinator, efficiently conducted the proceedings.

The training programme followed a well-structured curriculum that integrated theoretical lectures, live demonstrations, and intensive hands-on sessions on various fracture fixation techniques. Major techniques covered included intramedullary (IM) pinning (normograde, retrograde, cross pinning, tension band wiring, and stack pinning), interlocking nailing, bone plating (dynamic compression plate [DCP] and locking compression plate [LCP]), and external skeletal fixation (linear, circular, hybrid, and epoxy-pin fixation). In addition, the curriculum addressed a wide spectrum of related topics such as bone structure and development, fracture classification and healing, timing and selection of fixation methods, bone grafting, bone tissue engineering, arthritis and joint luxations, diagnostic imaging, pain management, anaesthesia in orthopaedic cases, and the application of orthotics and prosthetics in small animal orthopaedics.

The expert faculty included Dr HP Aithal from TEC Pune; and Dr Shalaka Chauhan (Professor) and Dr Satyawan Agivale (Assistant Professor) from COVS, Shirwal, Satara; and Dr Shilpa M Salunke (Assistant Professor) from COVS, Parbhani. Additional virtual lectures were delivered by prominent academicians, including Dr Rohit Kumar (Scientist), Dr Aswathy Gopinathan (Principal Scientist), Dr Rekha Pathak (Principal Scientist) and Dr Kiranjeet Singh (Principal Scientist and Head, Division of Surgery) from IVRI Izatnagar; Dr Jitender Mohindroo (Professor) from GADVASU, Ludhiana; Dr RB Kushwaha (Professor) from FVSc & AH, Jammu; Dr Surbhi K Tyagi (Assoc. Professor) from SVPUAT-Meerut; Dr GD Singh (Asst. Professor) from BVC, Patna; and Dr RV Suryawanshi (Asst. Professor) from COVS, Udgir, Maharashtra.

Dr Sachin Vende, Livestock Development Officer, Ahilyanagar, shared his inspiring professional journey in the field of orthopaedics, reflecting on the challenges he encountered and the valuable experiences gained over the course of his career. His address encouraged young

veterinary surgeons and participants to approach orthopaedic practice with confidence, compassion, and dedication. He also emphasized how the knowledge and skills acquired through such training programmes can be effectively translated into day-to-day clinical practice. Dr. Vende's session was both informative and motivating, leaving a lasting impression on all participants.

The valedictory ceremony, held on 19th September 2025, was presided over by Dr Balasaheb Gaikwad, Assistant Commissioner of Animal Husbandry and In-charge, District Veterinary Polyclinic, who graced the occasion as Chief Guest. In his address, he urged the participants to uphold ethical practices and pursue their careers with confidence. Participants, including Dr Ajith M (Kerala), Dr Ram Raghvendra Singh (Uttar Pradesh), and Dr Manish Soni (Rajasthan), shared their positive feedback, describing the training as highly informative, confidence-building, and an excellent opportunity for skill enhancement in veterinary orthopaedics. Certificates were distributed to all participants. Dr Sachin Vende, a proud trainee alumnus of TEC Pune, was felicitated for his continued contributions to animal welfare and his active support of various TEC Pune initiatives. The ceremony concluded with a formal vote of thanks by Dr SK Das, while Dr SV Bahire efficiently conducted the proceedings.

On the eve of the training, 12th September 2025, a pre-training Orthopaedic Health Camp was organized at the District Veterinary Polyclinic, Aundh, Pune. Inaugurated by Dr Balasaheb Gaikwad, Assistant Commissioner of Animal Husbandry, the camp facilitated the examination and treatment of 15 orthopaedic cases in dogs and cats. These cases were subsequently utilized for practical demonstrations and hands-on sessions during the training programme.

The training programme was a resounding success, reaffirming IVRI Pune's commitment to advancing veterinary education, clinical practice, and animal welfare. It significantly enhanced the technical proficiency of the participants while strengthening TEC's role in capacity building at the field level. The enthusiastic feedback from participants underscored the programme's impact and its valuable contribution to the advancement of veterinary orthopaedic practices.



Dr KN Bhilegaonkar addressing the participants during the inaugural function



Dr Sameer Borkar, JC and chief guest addressing the participants



Group photograph of guests and participants after the inaugural function



Dr Shalaka Chauhan delivering expert lecture



Dr J Mohindroo (GADVASU) delivering online lecture



Trainees ready for hand-on practice



One of the participants expressing views on the training



Distribution of certificate to a participant



Distribution of certificate to a participant



Felicitations of Dr Sachin Vende, proud trainee alumnus of TEC Pune



Dr Balasaheb Gaikwad addressing the participants during the valedictory



Group photograph after the valedictory function



Orthopaedic Health Camp at Aundh Polyclinic, 12th September 2025