

# MAFSU VARTA

## माफसू वार्ता



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पशुमत्तयधनं नित्यं सर्वलोकोपकारकम्। शोधशिक्षणं कार्यं ज्ञानकौशल्यदायकम्।।

### MAFSU'S Milk Awareness Campaign

India is considered as world leader in milk production and consumption since 1998. In 2023-24, India produced 239.30 million tones of milk, which amounts to 24 percent of the total world milk production. The dairy market in India was valued at Rs. 14.89 lakh crore in 2022. The IMARC group expects the market reach Rs. 31.18 lakh crore by 2028. The per capita availability of milk in India is 471 gm/day which is higher than the WHO recommendation. However, out of the total milk produced only 25-30 percent is processed by the organized sector. In National Dairy Plan it is proposed to process around 60 percent milk by organized sector, hence there is a tremendous scope for dairy industry to grow by providing safe and secure milk and milk products to the consumers and also offer remunerative price to dairy farmers.



### Source of Essential Nutrients / Milk for Health and Nutrition

Milk contains majority of the vital nutrients required for all categories of the human. Cow milk contains about 87 percent water and 13 percent solids. The fat present in milk contains fat soluble vitamins viz. A, D, E and K. The solids other than fat include proteins, carbohydrates, water soluble vitamins, and minerals. Because of these nutrients, milk is called as 'nature's most perfect food'.

The high quality milk proteins which are needed to build and repair body tissues and to form antibodies has the whey proteins constituting about 18 percent of the milk. Casein, the major milk protein contains all the essential amino acids, which cannot be synthesized by the human body, accounting for about 82 percent of the total proteins. The Net Protein Utilization (NPU) of milk proteins, casein and whey Proteins is 87.81 and 98 respectively, which is far higher than soya (78%) and Wheat (41%). It is interesting to note that the milk casein and whey proteins are having more amount of essential amino acids (mg/g) than recommended levels by FAO makes it excellent protein source for infants and adults.

Milk Fat by reducing surface tension and by decreasing pH imparts antimicrobial properties. The short chain fatty acids such as butyric acid promote the growth of probiotic bacteria-Bifidobacterium in colon which helps in maintaining gut health. The conjugated linolic acid (CLA) of milk, act as antioxidant, boosts immune system, reduce risk of heart disease by reducing the levels of prostaglandins, improves bone density and increase insulin sensitivity.

Milk is also a good source of calcium, phosphorus and Vit D3. Thus consuming milk every day benefits health of bones, teeth and muscles and also improves the nerve function. The calcium found in milk is readily absorbed by the body. Phosphorus plays a

role in calcium absorption and utilization. Milk is also a significant source of riboflavin i.e. vitamin B2, which helps promote healthy skin and eyes. Vit. A maintains immune system, normal vision and skin.

### Weight Management

Consuming low-fat milk or skim milk daily lessens hunger pangs and provides satiety, thereby supporting a healthy life style and managing weight.

### Heart Health and Diabetes

The milk is wrongly blamed for diabetes and heart failure. Research studies suggest that consuming milk and milk products may have a positive effect on heart health. Milk products contain nutrients like magnesium, potassium

and calcium which are linked to maintaining healthy blood pressure levels. The sweetness index of lactose is lowest (0.2-0.4) as compared to sucrose, glucose, galactose, maltose and fructose also the Glycemic index of lactose is 69, which is lower than sucrose and glucose, which signifies its role in diabetic diet. The consumption of dairy products especially milk and yogurt can be encouraged as it helps to improve nutrition and protects against type 2 diabetes and cardiac disorders.

### Dairy Milk Versus Vegan Milk

Now a days some business lobbies have started negative agenda of blaming milk and milk products for promoting vegan and plant-based products. Milk is the only natural food which contains maximum essential nutrients as compared to vegan products proclaimed as milk. Often, some products contain the fortified chemical ingredients like added sugar, syrups, salts, thickeners and stabilizers, which may do more harm to human health.

### Adulteration of Milk

Although there is some perception of a large scale milk adulteration in the country based on deceitful campaign and unsubstantiated reports, the Food Safety and Standards Authority of India (FSSAI) while conducting the National Milk Safety and Quality survey during 2018, reported that it's a real myth. The survey has shown that only 12 out of 6,432 samples of milk were adulterated that render such milk unsafe for human consumption. These results clearly indicate that the majority of milk being sold in India is safe for human consumption.

In this context, it is important to educate the society with the facts and figures about the role of milk and milk products in building a healthy society. MAFSU has taken this task and has planned a yearlong "Milk Awareness Campaign" through its constituent colleges, Krishi Vigyan Kendras and recognized diploma schools.

So, enjoy milk and milk products to keep yourself fit and healthy !!!

**Dr. Niteen Patil**  
Vice-Chancellor, MAFSU

# Feed Technologies Developed by MAFSU

The animal husbandry is an integral part of mixed farming in India and there is always a deficit of feed and fodder results in lower productivity in terms of milk, meat, egg, fish production etc. Further Indian livestock farming is in the midst of effects of workforce migration, intimidation of natural vagaries and climate change. The livestock nutrition, perhaps the brimstone of animal husbandry activities, has to develop technologies which fit into the needs of small holding systems. Therefore, there is need to find out ways for efficient utilization of available feed resources while dealing with issues of environmental friendly feeding systems. Also eco-resilient feeding, efficient use of existing feed resources, finding novel feed resources, maintaining feed quality standards etc. so that productivity of our livestock is improved which would be a step towards achieving food and nutritional security. The Maharashtra Animal and Fishery Sciences University lead the task and developed some technologies which would be farmers friendly and shall prove economically viable and alleviate the socio economic status of livestock farmers of the State. The conventional technologies and technologies developed by MAFSU are briefed here in this story.

## Feed Technology Unit

The Maharashtra Animal and Fishery Sciences University has developed customized Feed Technology Unit, which is designed in such a way that it covers all the technologies under one roof such as manufacturing of concentrate feed, pelleted complete feed, premix unit, urea molasses mineral block etc.

### Compound Feed (Concentrate Feed)

The conventional animal husbandry practices are mostly dependant on grazing and feeding little quantity of oil seed cake, when animal produces milk. This leads to poor productive and reproductive performance of animals. Hence to it is necessary to feed animals with concentrates, prepared from different feed ingredients, either homemade or using grinder and mixer. The ingredients generally used for compound feed are maize, sorghum and Bajra as energy source; soybean, groundnut, cottonseed, mustard oil meals as protein source. Some by-products include wheat bran, rice bran, oil-extracted rice bran, pulse chunnies and molasses. In addition to this mineral mixture and salt are generally used as minor ingredients.



### Urea Molasses Mineral Block (UMMB)

Technology most suited for conventional rearing of livestock under village conditions being maintained only on dry roughages which leads to poor reproductive and productive performance of animals. Hence using urea, molasses, wheat bran, LSP together can fit into block and supplement to such livestock.



### Pelleted Complete Feed

The complete feed is a quantitative mixture of all dietary ingredients formulated in desired proportion, blended together thoroughly to prevent separation and selection, fed as a sole source of nutrients. This feeding system allows expanded use of agro-industrial by-products, crop residues and non-conventional feeds in ruminant ration for maximizing production and minimizing feeding cost. The complete feed with the utilization of fibrous crop residue is practical way to increase the voluntary feed intake and thereby animal's production performance. The conversion of complete feed mixture into complete feed



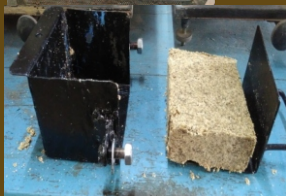


pellet seems to be a promising method. However, pelleting of roughage and particularly hard crop residues is difficult due to low bulk density and post compression expansion during pelleting. Since the ruminants are reluctant to consume the hard crop residues, due to its hardness, therefore pelleting of such non palatable crop residues in pelleted complete feed may be the boon in overcoming the shortage of feed and fodder.

For preparation of complete feed the ingredients are crop residues (60%), oil seed cake (15%), crushed maize (15%), arhar chunni (8.5%), they are grinded and blended in mixer with the addition of mineral mixture (1%) and common salt (0.5%). The pellets of complete feed can be prepared by moistening the complete feed mash by cold processing without using any steam and chemical binder.

## Cattle Biscuit Machine – An Innovative Tool for Sustainable Livelihood Security

Cattle biscuit machine is a simple hand press feed block machine to prepare feed blocks for feeding dairy animals. Machine is made from the non rusted iron material and has compression facility with the screw rod type rotator and has rectangular mould in which the feed material is filled which is used for preparation of cattle biscuits and compressed with the help of hand pressed machine which is very much economical for poor and marginal farmers. The ingredients used for preparation are maize, oil seed cake, wheat bran, limestone powder, urea, and jaggery. Block can be fresh fed or may be stored for further feeding as per need.



## Ozone Treatment of Waste Crop Residues to Improve its Nutritive Value

The waste plant residue left after harvesting is mostly comprised of stalks viz. cotton, paddy, soybean and it has been estimated that nearly 2.5 to 3.5 tons of residues are generated per acre of crop and that is mostly burnt away in the field. Such harvested crop by-products especially cotton stalk has been useful as new non-conventional roughage resource in animal feeding. The primary challenge for use of cotton stalk biomass is the efficient, economic and sustainable design of pre-treatment in order to break and open the more complex lingo-cellulosic structure of cotton stalk facilitating the rumen enzymes and microbial access during ruminal degradation ultimately enhancing rate and yield of nutrients release. Hence ozone treatment of these crop residues has been developed, where ozonolysis pre-treatment degrade lignin with minimal effect on hemicelluloses and cellulose contents further enhancing susceptibility to cellulase enzyme hydrolysis and to digestion by rumen micro-organisms so that it can be used as ruminant feed.



The chaffed straw is allowed to soak for overnight in a plastic tank and soaked straw/stalk is given ozone treatment by bubbling method using ozone generator assembly for 5 hours at 5 LPM pressure. The ozone generator assembly consisted of ozone converter, oxygen cylinder, plastic tank and stands to assemble the unit. After completion of ozone treatment, the remaining water is drained and the ozone treated stalk is then allowed for sun drying till the moisture content is reduced to less than 15 percent. After sufficient drying, the ozone treated straw/stalk can be used for the feeding of ruminants. The drained water may be stored to reuse for soaking of another straw. This technology has been developed jointly by MAFSU, Nagpur and IIT, Mumbai with the financial support of Rajiv Gandhi Science and Technology Commission, Mumbai.

## Liquid Fibrolytic Enzyme for Enrichment of Crop Residues

ViMoZyme, liquid enzyme for improvement in digestibility of dry fodder has been developed jointly by MAFSU, Nagpur and VNIT, Nagpur, which works on fibrous fodder fraction to increase bioavailability and ensures higher uptake of nutrients. It also increases milk production, improves milk quality, maintains good rumen fermentative environment, improves fiber degradation in rumen and absorption of nutrients. Enzyme diluted with water is to be sprayed over the dry fodder and can be fed directly to the animals after incubation of 4 hrs.



Compiled by : Dr. Atul Dhok, Professor,  
Department of Animal Nutrition, NVC, Nagpur



## TRAININGS

### HANDS ON TRAINING ON 'BASICS OF SMALL AND LARGE ANIMAL ANAESTHESIOLOGY' AT MVC, MUMBAI

The Department of Surgery and Radiology, Mumbai Veterinary College, Mumbai conducted a three-day hands-on training programme on 'Basics of small and large Animal Anaesthesiology' from 19<sup>th</sup> to 21<sup>st</sup> April 2024. Chief Guest of the inaugural function was Dr. Sunita Patel, Alumni of MVC and Ex. President PPAM, Mumbai. Dr. Sooryadas S., was the Guest of honour. Dr. S. D. Ingole, I/C Associate Dean, MVC, presided over the function. The valedictory function was organized in the presence of Dr. A. T. Sherikar, Founder Vice-Chancellor, MAFSU, Guest of Honour Dr. Mrs. A. A. Sherikar, Ex. Professor and Head, Department of Microbiology, MVC and Mr. Fredun Medhora, Director and CFO, Freossi pharmaceuticals. A total of 24 participants including practising veterinarians from private and government sector from all over India took part in the training programme. Dr. G. S. Khandekar, Dr. S. D. Tripathi, Dr. G. U. Yadav, Dr. S. V. Gaikwad and Dr. R. R. Rohi took efforts for successful organization of programme.



*Dr. A. T. Sherikar, Former HVC, MAFSU addressing the trainees during valedictory function*

### TRAINING PROGRAMME ON 'INTEGRATED MANAGEMENT APPROACH FOR HYGIENIC AND PROFITABLE CHICKEN MEAT PRODUCTION' AT MVC, MUMBAI

Department of Veterinary Public Health, MVC, Mumbai organized training programme on 'Integrated Management Approach For Hygienic and Profitable



*Dr. R. J. Zende delivering lecture during the training*

Chicken Meat Production' for Industry professionals such as CEOs, Managers and Quality Control Executives working in Poultry Processing Industry during 2<sup>nd</sup> -3<sup>rd</sup> May, 2024. The objective of the training programme was to sensitize the participants about overview of poultry production, farm management, plant management, slaughter techniques for marketing trends and quality management system in poultry sector. In this program, Dr. A. S. Ranade, Ex Associate Dean, Dr. R. J. Zende, Professor of VPH, Dr. D. N. Desai, Assistant Professor of Poultry Science, Dr. M. A. Gole, Assistant Professor of Poultry Science, Dr. V. M. Vaidya, Assistant Professor of VPH and Dr. V. H. Shukla, Assistant Professor of LPT, MVC delivered lectures. A Total of 10 participants were benefited from the program.

### TRAINING PROGRAMME ON 'SCIENTIFIC DAIRY FARMING' BY LFC, NVC, NAGPUR



*Demonstration visit of trainees to dairy farm*

Livestock Farm Complex, Nagpur Veterinary Collage, Nagpur (MAFSU) organized training programme on 'Scientific Dairy Farming' from 27<sup>th</sup> to 31<sup>st</sup> May 2024 for rural unemployed youth and marginal dairy farmers. Dr. Arju Somkuwar, Associate Dean, NVC Nagpur inaugurated the training programme. Total 13 youth and farmers of various districts of Vidarbha participated in the training programme.

Faculty members of different disciplines from NVC, Nagpur guided the trainees on various facets of scientific dairy farming and health care management. Dr. G. S. Ambhore, Dr. Waquar Ahmed, Dr. J. M. Chahande, Dr. A. H. Kodape, Dr. Atul Dhok and Dr. G. P. Shende coordinated the training programme.

### HANDS ON TRAINING ON 'BASICS OF RADIOLOGY AND RADIOLOGICAL INTERPRETATION' AT MVC, MUMBAI

The Department of Surgery and Radiology, MVC, Mumbai conducted Hands on Training on 'Basics of radiology and radiological interpretation' from 21<sup>st</sup> to 23<sup>rd</sup> June 2024. Chief Guest of the inaugural function was Dr. Padma V. Badhe, Professor, Dept of Radiology, Seth GSMC and KEMH, Parel. Dr. Jitender Mohindroo, lead speaker of the training programme was the Guest of honour. Dr. S. A. Gaikwad, Incharge Associate Dean, MVC, presided over the function. Dr. G. S. Khandekar, Professor and Head, VSR and co-convenor, Dr. G. U. Yadav, Assistant Professor and Course Director, Dr. S. D. Tripathi, Dr. S. V. Gaikwad and Dr. R. R. Rohi organized the training programme. The Chief Guest of the valedictory function was Mr. Sachin Dhawan, Chief manager of marketing and HR-Mahanagar Gas Limited. Dr. Kiran Bendale, Dr. Komal Raul, lead speakers of the training programme were also present.



*Dr. S. V. Gaikwad felicitating Chief Guest Dr. Padma V. Badhe*

### MAITRI TRAININGS UNDER RASHTRIYA GOKUL MISSION

Under the Rashtriya Gokul Mission, MAFSU in collaboration with Maharashtra Livestock Development Board is implementing training project on "Multipurpose Artificial Insemination Technician in Rural India" (MAITRI) for 630 unemployed youth from 34 districts of the State with a budget allocation of Rs. 1.95 Crore during 2024-25.

Three training programs on 'Multipurpose Artificial Insemination Techniques in Rural India (MAITRI)' were organized by Nagpur Veterinary College, Nagpur from 5<sup>th</sup> June to 4<sup>th</sup> September 2024, KNP College of Veterinary



*Hon'ble Vice Chancellor of MAFSU, Dr. N.V. Patil guiding the participants at NVC, Nagpur*

Science, Shirwal from 11<sup>th</sup> June 2024 to 10<sup>th</sup> September and by PGIVAS, Akola from 24<sup>th</sup> June to 23<sup>rd</sup> September, 2024.

The training program at Nagpur was inaugurated by Chief Guest Dr. N. V. Patil, Hon'ble Vice Chancellor MAFSU, Nagpur, in the presence of Dr. S. K. Mukne, CEO, MLDB, Nagpur, Dr. A. U. Bhikane, Director of Extension Education, Dr. S. V. Upadhye, Dean and Director of Instruction, and Dr. N. V. Kurkure, Director of Research MAFSU, Nagpur. The training programs involved 30 participants in each training programme.



*Hon'ble Vice Chancellor of MAFSU, Dr. N.V. Patil guiding the participants at KNP CVS, Shirwal*

Project co-coordinators namely Dr. D. S. Raghuvanshi, Dr. Mukund Amle and Dr. S. G. Deshmukh and training co-ordinator Dr. Minakshi Bawaskar, Dr. Kavita Khillare and Dr. Mahesh Ingawale took efforts for successful organization of programmes under the guidance of Implementing officer Dr. A. P. Somkuwar, Dr. M. D. Meshram and Dr. C. H. Pawshe, Associate Deans of the Institutes.



*Trainees of MAITRI training at PGIVAS, Akola*

### TRAININGS FOR PASHUSAKHIS UNDER MAVIM SPONSORED PROJECT

Under the project 'Capacity building of Pashusakhi and Lead Women for empowerment of women SHGs engaged in goat and poultry farming in Maharashtra' sponsored by Mahila Aarthik Vikas Mahamandal (MAVIM), Mumbai, KNPCVS, Shirwal and PGIVAS, Akola organized residential trainings of 10 days duration on 'Scientific goat farming' during 6<sup>th</sup> to 15<sup>th</sup> June 2024 and 11<sup>th</sup> to 20<sup>th</sup> June, 2024 for 30 women in each training.

Hon'ble Vice Chancellor Dr. Niteen Patil released the training booklet at KNPCVS, Shirwal in the presence of Dr. A. U. Bhikane, Director, Extension Education and Dr. N. V. Kurkure, Director of Research and addressed the pashusakhis.



*Release of Goat Rearing booklet during training program at KNPCVS, Shirwal*

Dr. A. U. Bhikane, Director of Extension Education, MAFSU, Nagpur under the chairmanship of Dr. M. G. Thorat, I/c Associate Dean of the institute and in presence of Mr. Subhash Gaikwad, ADCO, MAVIM, Yeotmal inaugurated the training programme at PGIVAS, Akola. Mr. Ranjan Wankhade, Senior DCO, MAVIM, Dist. Yeotmal awarded participation certificates during valedictory ceremony at Akola.

The trainings were organized by Project Co-coordinators Dr. B. N. Ambore and Dr. Sunil Waghmare under the guidance of Project leader Dr. A. U. Bhikane, DEE, MAFSU, Project Co-ordinator Dr. D. S. Deshmukh and Project implementing officers of colleges Dr. C. H. Pawshe and Dr. M. D. Meshram.



*Dr. Niteen Patil, Hon'ble Vice Chancellor interacting with trainee pashusakhis at PGIVAS, Akola*

### CAPACITY BUILDING TRAINING PROGRAMMES FOR FIELD OFFICERS UNDER SMART PROJECT AT PGIVAS, AKOLA

Under SMART Project, MAFSU in collaboration with State Animal Husbandry Department conducted three residential trainings of LDOs/ACAH working in the State Animal Husbandry Department on 'Good Animal Husbandry Practices for Enhancing Livestock Productivity, Animal Welfare and Food Safety' during 13<sup>th</sup> to 17<sup>th</sup> May, 2024, 27<sup>th</sup> to 31<sup>st</sup> May, 2024 and 24<sup>th</sup> to 28<sup>th</sup> June, 2024 at PGIVAS, Akola. The trainings were inaugurated at the hands of Dr. J. M. Buktare, Dy. Commissioner, Dept. of Animal Husbandry, Akola. The trainings were organized under the guidance of Dr. A. U. Bhikane, Project Leader and Director, Extension Education and Dr. C. H. Pawshe, Associate Dean by Dr. G. J. Panchbhair, Project Co-



*Dr. Buktare, Dy. Commissioner A.H., Akola addressing the officers*

ordinator wherein total 75 trainees participated in three batches. The training programmes were co-coordinated by Dr. D. M. Badukale, Dr. M. R. Wade, Dr. P. S. Bankar and Dr. K. Y. Deshpande.

### TRAININGS ORGANIZED BY WRTC, GOREWADA

- WRTC in collaboration with FDCM Pvt. Ltd. organized training on 'Basics of Wildlife Management' for 106 newly recruited Forest Guards of Maharashtra Forest Department on 31<sup>st</sup> May 2024.



Dr. M. D. Pawshe delivering lecture

- CHANDRAMA Forest Academy, Chandrapur and Wildlife Research & Training Centre, Gorewada, Nagpur organised one day training on "Wildlife Health Management" and field trip in collaboration with Forest Development Corporation of Maharashtra Ltd., Nagpur on 02<sup>nd</sup> June 2024. A total of 97 Forest Guards participated in the training.



Dr. S.M. Kolangath addressing the audience

- One Day Training on "Wildlife Health Management" was given to newly recruited forest guards of Paal Academy. The training was organized by WRTC in collaboration with FDCM Pvt. Ltd. on 21<sup>st</sup> June 2024 to give first-hand knowledge to the newly appointed forest guards. The event was conducted at the premises of FDCM Pvt. Ltd., Hingna Road, Nagpur. Exposure visit to Balasaheb

Thackery Gorewada International Zoological Park, Nagpur was also undertaken.



Dr. Shalini educating the trainees on care and management of orphan young ones of wild animals



### WORKSHOPS/ CONFERENCES/ SEMINARS

#### WORKSHOP ON 'ENDOSCOPIC GYNECOLOGY SURGERY' AT MVC, MUMBAI

The Department of Surgery and Radiology, Mumbai Veterinary College, conducted a one-day workshop on "Endoscopic gynecology surgery" on 11<sup>th</sup> April 2024 in collaboration with Medcubators Innovations Ltd. Dr. Uddhavraj, renowned lap Gynecologist, was the course teacher. Dr. G. S. Khandekar, Professor and Head was the Course Director. Dr. S. D. Tripathi, Dr. S. V. Gaikwad and Dr. R. R. Rohi were the course coordinators. Five Gynecologists from various hospitals underwent this hands-on workshop.



Dr. Uddhavraj and Dr. G. S. Khandekar along with the participants

### SEMINAR ON HUMAN-ANIMAL CONFLICTS ORGANIZED AT PGIVAS, AKOLA

On 14<sup>th</sup> May, 2024, a seminar on 'Human-Animal Conflicts in adjoining forest areas' was held under the chairmanship of the Associate Dean of institute. Dr. J. S. Ramgaonkar, IFS and Field Director Tadoba Tiger Reserve, Chandrapur addressed to 30 participants. Dr. K. Y. Deshpande and Dr. G. J. Panchbhai, Assistant Professors, Post Graduate Institute of Veterinary and Animal Sciences, Akola coordinated the seminar.



Dr. Ramgaonkar, IFS addressing the participants

### SEMINAR ON 'PROSPECTS TO VETERINARIAN IN PRIVATE INDUSTRY' ORGANIZED AT PGIVAS, AKOLA

A seminar on 'Prospects to Veterinarian in Private Industry' was held on 15<sup>th</sup> May, 2024 at PGIVAS, Akola, wherein Dr. Dinesh Bhosale, Director AB Vista Company addressed to 42 staff and students. The seminar was held under the chairmanship of Dr. C. H. Pawshe, Associate Dean and coordinated by Dr. K. Y. Deshpande, Dept. Animal Nutrition, Post Graduate Institute of Veterinary and Animal Sciences, Akola.



Dr. Dinesh Bhosale delivering lecture

### WORKSHOP ON 'USE OF ART FOR PROFITABLE MILK PRODUCTION' AT PGIVAS, AKOLA

On occasion of World Milk day, Department of Animal Reproduction, Gynaecology and Obstetrics, PGIVAS, Akola organized one day workshop on 'Use of Assisted Reproduction Techniques for profitable milk production' on 01<sup>st</sup> June 2024. The programme was held under the chairmanship of Dr. C. H. Pwashe, Associate Dean, wherein 52 participants viz. farmers, students, staff members were present. During workshop, Dr. M. V. Ingawale, highlighted the importance of different reproductive biotechnologies to progressive dairy owners. Dr. S. P. Waghmare, Hospital Superintendent, TVCC, PGIVAS, Akola and Dr. K.Y. Deshpande, Assistant Professor, Animal Nutrition interacted with participants and answered the queries of dairy farmers. Dr. S.G. Deshmukh, Asst. Professor, Dept. of ARGO, worked as Co-coordinator for aforesaid workshop.



Dr. M. V. Ingawale delivering lecture during workshop

### KNPCVS SHIRWAL ORGANIZED IAVP ZONAL CONFERENCE 2024 AND BRAIN STORMING SESSION

Two days IAVP (Indian Association for Veterinary Pathology) Zonal Conference 2024 and Brain Storming Session on 'Emerging Diseases of Livestock & Poultry' and National Workshop of Indian College of Veterinary Pathologists was organized on 3<sup>rd</sup> and 4<sup>th</sup> June 2024 by KNP College of Veterinary Science, Shirwal. The conference was inaugurated under the chairmanship of Hon'ble Vice-Chancellor of MAFSU, Nagpur Dr. Niteen Patil; and Chief Guest Dr. Guido R. Loria, Lead WOA Ref. Lab. on Contagious Agalactia, IZS, Palermo, Italy in the presence of Dr. G. A. Balsubramaniam, General Secretary, IAVP; Dr. V. M. Shingatgeri, President, ICVP and Dr. N.V. Kurkure, Director of Research, MAFSU, Nagpur. The conference



*Dr. N.V. Patil, Hon'ble Vice Chancellor, lighting the lamp while inaugurating the conference*

was successfully organized by the Chairman of the Organizing Committee, Dr. Milind Meshram, Associate Dean of the institute, Dr. V.S. Dhaygude, Organizing Secretary and Dr C. S. Mote, Joint-organizing Secretary, Dept. of Veterinary Pathology.



*Release of Compendium during IAVP conference*

### WORKSHOP ON 'VALUE ADDED FISH PRODUCTS' BY COFS, NAGPUR

A one day workshop & demonstration programme on 'Value Added Fish Products' was organized on 12<sup>th</sup> of June 2024 for 25 Women members of FFPO by College of



*Expert demonstrating the preparation of value added fish products*

Fishery Science, Nagpur. The women members of the Fish Farmer Producer Organization (FFPO) were made aware about importance and need for Value-added fish Products and also demonstrated the preparation of fish products. The workshop was organized by Dr. R. H. Rathod, Assistant Professor and the Cluster Based Business Organization (CBBO) Coordinator, under the guidance of Dr. S. W. Bonde, Associate Dean, COFS, Nagpur.

### WORKSHOP ON 'RESEARCH METHODOLOGIES IN VETERINARY EXTENSION' & BRAINSTORMING SESSION ON 'DAIRY FARMER FIRST' AT KNPCVS, SHIRWAL

Krantisinh Nana Patil College of Veterinary Science Shirwal and Krishi Vigyan Kendra, Tadsar, Dist. Sangli organized workshop on 'Research Methodologies in Veterinary Extension' & Brainstorming Session on 'Dairy Farmer First' on 13<sup>th</sup> June 2024. The workshop was inaugurated under the chairmanship of Dr. Niteen V. Patil, Hon'ble Vice Chancellor, MAFSU, Nagpur. Dr. Kiran D. Kokate, Former DDG, (Extn.) ICAR was the Chief Guest of the program. Dr. N. V. Kurkure, Director or Research, Dr. A. U. Bhikane, Director of Extension Education, MAFSU, Nagpur, Dr. Shakir Ali Sayyad, Principal Scientist, ATARI, Pune were Guest of Honour. Dr. Kiran Kokate gave historical development and current insight about the extension structure in India. Hon'ble Vice Chancellor Dr. N. V. Patil gave detailed insight about the progress made by animal husbandry sector in India. The workshop and brainstorming session was successfully organized by Dr. A.H. Ulemale, Sr-Scientist & Head KVK, Tadsar and Joint Organizing Secretaries, Dr. V.G. Nimbalkar, Dr. D.T. Sakunde, Dr. S.M. Bhokare and Dr. G.S. Sonawane under the Chairmanship of Dr. M.D. Meshram, Associate Dean of KNPCVS, Shirwal.



*Dr. N. V. Patil, Hon'ble Vice Chancellor felicitating Chief Guest Dr. Kiran D. Kokate, Former DDG, (Extn.) ICAR, New Delhi*

## ONE-DAY PACE LAP GYN ANIMAL TISSUE HANDS ON WORKSHOP FOR HUMAN GYNAECOLOGISTS AT MVC, MUMBAI

The Department of Surgery and Radiology organized a one-day PACE lap gyn animal tissue hands on workshop on 14<sup>th</sup> June 2024 for 8 human Gynaecologists in collaboration with Medtronics India Limited. Dr Anshumala Shukla, Head, Minimally Invasive Gynaecology, Gynaecology Laparoscopic and Robotics Surgery, MD, FCPS, DGO was the course instructor. Dr. G. S. Khandekar, Professor and Head, VSR was the Course Director. Dr. S. D. Tripathi, Dr. S. V. Gaikwad were the course coordinators while Dr. G. U. Yadav and Dr. R. R. Rohi were the co-coordinators of this workshop.



*Participants in the dry lab*

## HRD TRAINING CUM WORKSHOP ON EXTENSION METHODOLOGIES IN VETERINARY & ANIMAL HUSBANDRY SECTOR

ICAR-Agricultural Technology Application Research Institute(ATARI), Pune and MAFSU, Nagpur organized a HRD Training cum Workshop on Extension Methodologies in Veterinary & Animal Husbandry Sector at ATARI Pune on 14<sup>th</sup> June 2024. Dr S. K. Roy, Director of ICAR-ATARI, Pune highlighted the importance of livestock and allied sector in agriculture especially in enhancing farmers' income. Dr. K. D. Kokate, Former DDG (Agril Extension), ICAR, New Delhi focused on the need of enhancing capacities of KVK scientists of animal science sector to train farmers and entrepreneurs. Dr. Niteen Patil, Hon'ble VC, MAFSU, Nagpur in his presidential address asked KVKs to disseminate MAFSU technologies to the farmers through field extension. He highlighted the need to implement 'LIVESTOCK FARMERS FIRST' program like the FARMERS FIRST program of ICAR for improving the productivity of livestock sector. In this workshop Dr. A.U. Bhikane, Director of Ext. Education, MAFSU, Nagpur, Dr.

N.V. Kurkure, Director of Research, MAFSU, Nagpur, Dr. Hariprasad Aithal, Principal Scientist & Station In-charge, Training & Education Centre, ICAR-IVRI, Pune, Dr. Vidya Nimbalkar, SMS, KVK, Tadsar, Sangli-II and Dr. Prashant Telvekar, Asst. Professor, COFS, Nagpur delivered the lectures. In this program, 120 Senior Scientists from 50 KVKs of Maharashtra and MAFSU participated and deliberated.



*Dr. N. V. Patil, Hon'ble Vice-Chancellor, MAFSU addressing during the workshop*



## ANIMAL HEALTH CAMPS

### DISEASE DIAGNOSIS AND VACCINATION CAMP BY COVAS, UDGIR

The Disease Diagnosis and Vaccination Camp was organized at Janapur, Tq. Udgir on 24<sup>th</sup> April, 2024 by COVAS, Udgir in collaboration with Veterinary Dispensary, Janapur. Total of 145 cases were treated for various ailments and vaccination (HS+BQ, LSD), along with deworming and spraying. Dr. S. S. Ghoke coordinated the camp.

### FREE ANTI RABIES VACCINATION AND HEALTH CHECKUP CAMP AT MVC, MUMBAI

On occasion of World Veterinary Day, Students council of Mumbai Veterinary College had organized a free Anti Rabies Vaccination and Health Checkup camp at Veterinary Clinical Complex, Goregaon. Total 70 pets were vaccinated. Staff of Mumbai Veterinary College, Veterinary Clinical Complex, Postgraduate and Final Year BVSc & AH students took part in the camp. Dr. N. R. Dagli, I/C VCC, MVC, Mumbai coordinated the camp.



*Free Antirabies camp at Goregaon Campus of MVC, Mumbai*

### ANIMAL HEALTH CAMP BY PGIVAS, AKOLA

PGIVAS, Akola organized the Animal health camp at Morgaon Bhakare, Dist. Akola on 29<sup>th</sup> May 2024, wherein 24 animals were treated. Dr. M. R. Wade and Dr. R. V. Raulkar participated in the camp.



*Examination of animal during camp organized by PGIVAS, Akola*

### SPECIAL BAKRI-ID CAMP BY MVC, MUMBAI

MVC, Mumbai organized a special Bakri-id camp at Deonar Abbatoir from 05<sup>th</sup> to 19<sup>th</sup> June 2024 which was highly appreciated by the Manager of Deonar Abbatoir. Health checkup of 140 animals was conducted during this camp by the experts of college.



*Special Camp on occasion of Bakri-Id at Deonar Abbatoir by MVC, Mumbai*



## CELEBRATIONS

### CELEBRATION OF PHULE-AMBEDKAR JAYANTI

The 133<sup>rd</sup> birth anniversary of Bharat Ratna Dr. Babasaheb Ambedkar was celebrated at MAFSU Head Quarter and constituent colleges of MAFSU, Nagpur.

Dr. B. R. Ambedkar Vets Association, Nagpur celebrated Phule Ambedkar Jayanti Mahotsav 2024 from 10<sup>th</sup> to 24<sup>th</sup> April 2024 by organizing various programmes like Animal Health Camp, Street Play on Elections in India and De-addiction, Anti Rabies Vaccination Camp, Blood Donation camp and Eighteen Hour study program at MAFSU University Library and Information Centre.



*Streetplay on Elections in India and De-addiction by Dr. B. R. Ambedkar Vets Association, Nagpur*

Krantisinh Nana Patil College of Veterinary Science, Shirwal celebrated Mahatma Jyotiba Phule and Dr. Babasaheb Ambedkar Jayanti from 14<sup>th</sup> -19<sup>th</sup> April 2024. During the Jayanti Mohotsav celebration, various students competitions like Reading, Elocution, Debate, Rangoli, Monoacting were organized under the chairmanship of Dr. Milind Meshram, Associate Dean of the institute. Health check-up camp for the staff and students of the college was organized on 15<sup>th</sup> April 2024 by H.V. Desai Netra Rugnalay, Pune in the college campus.

The PGIVAS, Akola celebrated the Phule-Ambedkar Jayanti Programme on 14<sup>th</sup> April, 2024, wherein Dr. N.V. Patil, Hon'ble Vice Chancellor, MAFSU, Nagpur garlanded Mahatma Phule and Dr. Babasaheb Ambedkar and addressed to the staff and students of the institute. Hon'ble Vice Chancellor also visited the Competitive exams Books exhibition held at college library.



*Visit of Dr. N. V. Patil, Hon'ble Vice-Chancellor to competitive exams books exhibition at PGIVAS, Akola College library*

## CELEBRATION OF WORLD VETERINARY DAY

World Veterinary Day was celebrated on 27<sup>th</sup> April, 2024 with the theme on "Veterinarians are essential health workers" by constituent veterinary colleges of MAFSU.

On the occasion of the World Veterinary Day 2024, oration for the Faculty and Students of the college was organized at MVC, Mumbai. Prof. (Dr.) A. S. Ranade, Former Associate Dean, MVC, Mumbai was the Orator of the programme. Dr. D. U. Lokhande, Professor, MVC was the Chairman of the Function.



*Lecture by Dr. A. S. Ranade, Ex. Associate Dean, MVC on occasion of World Veterinary Day*

NVC, Nagpur in Joint collaboration with NDDB, NAWAR, Venky's India Ltd and Animal Husbandry Department organized National Seminar wherein Shri. S. Regupathi, Executive Director, NDDB was the Chief Guest and Dr. Niteen Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur presided over the function. Dr. Sukhdeo Barbuddhe, Director, ICAR-National Meat Research Institute, Hyderabad was the guest of honor; Dr. D. V. Kolte, Director, Venco Research and Breeding Farm, Pune; Shri Jayatheertha Chary, Deputy Managing Director, Mother Dairy; Dr. Satish Raju, Regional Joint commissioner,



*Dr. Niteen Patil, Hon'ble Vice-Chancellor; MAFSU, Nagpur addressing the gathering*

Animal Husbandry, Nagpur; Dr. Ajay Poharkar, Secretary, NAWAR and President, MSVC and Dr. Shirish Upadhye, Organizing Chairman and DI & Dean (Vet), MAFSU and Dr. A. P. Somkuwar, Associate Dean shared the dais as guest of honor. Dr. Atul Dhok, Assistant Professor, NVC, Nagpur was Organizing Secretary.

COVAS, Udgir organized one day technical seminar which was inaugurated by the Associate Dean, Dr. N. Z. Gaikwad. The seminar was graced by Dr. T. P. Bawane, ACAH, Wani, Yavatmal as a Chief Guest and Guest Speaker. The programme was sponsored by the Virbac Animal Health, Mumbai, Intas Pharmaceuticals, Gujarat and Datta Laboratories, Udgir. Dr. S. S. Pitlawar, Dr. S. S. Ghoke and Dr. P. V. Jadhav took efforts for the organization of the seminar.



*Dr. T. P. Bawane delivering his guest lecture at COVAS, Udgir*

Krantisinh Nana Patil College of Veterinary Science, Shirwal in collaboration with Wellcon Animal Health organized World Veterinary Day program which was chaired by Prof. Dr. Milind Meshram, Associate Dean of the institute in presence of Nitin Walkar, Regional Sales Manager from Wellcon Animal Health, Dr. Vikas Waskar, Dr. Anil Ulemale, Dr. Vishwas Salunke and Dr. Satyan Agivale delivered lecture on the theme "Veterinarian as an Essential Health Worker".



*Dr. M. D. Meshram, Associate Dean and Wellcon Animal Health Team at KNPCVS, Shirwal*

KVK, Thane celebrated WVD by organizing "Scientist Visit to Animal Shed" at Partale village, Taluka-Murbad, Dist- Thane and guided farmers on nutritional strategy for feeding dairy animals, use of mineral mixture in diet of animals, importance of loose housing, vaccination and deworming of animals.



*Visit of scientists to animal sheds by KVK, Thane*

### CELEBRATION OF MAHARASHTRA DAY

Maharashtra Day was celebrated at MAFSU Head quarter and all colleges/institutes of MAFSU on 1<sup>st</sup> May 2024 by hoisting of National Flag by the hands of Head of the Institute. At MAFSU Head Quarter, Dr. N. V. Patil, Hon'ble Vice- Chancellor, MAFSU hoisted National Flag at university headquarter.



*Flag hoisting on occasion of Maharashtra day at MAFSU H.Q.*

### CELEBRATION OF WORLD MIGRATORY BIRD DAY-2024 AT WRTC, GOREWADA, NAGPUR

Wildlife Research & Training Centre, Gorewada, Nagpur, in collaboration with Forest Development Corporation of Maharashtra Ltd., Nagpur celebrated 'World Migratory Bird Day-2024' by organizing a seminar for the students of MVC, Mumbai, COVAS, Parbhani and NVC, Nagpur on 11<sup>th</sup> May 2024. The chief guest of the event was Dr. A. U. Bhikane, Director of Extension education, MAFSU, Nagpur and the guest of honour was Shri. S. S. Bhagwat, Divisional Manager, Gorewada project. Shri. Deepak Sawant and Shri. Darshan Dudhane guided the students with their talk on migratory birds. Dr. S. V. Upadhye, Director, WRTC, Dr. V. M. Dhoot, Dr. B. K. Bhadane and the staff of WRTC, Nagpur took efforts for success of the programme.



*Dr. A.U. Bhikane, Director of Extension Education addressing the participants*

### CELEBRATION OF INTERNATIONAL BIODIVERSITY DAY

An International Biodiversity Day was observed on 22<sup>nd</sup> May 2024 at PGIVAS, Akola and COFS, Nagpur. At PGIVAS, Akola, Dr. P. S. Bankar delivered Special Radio talk at AIR, Akola and made awareness through print media.



*Dr. Milind Katare delivering lecture at COFS, Nagpur*

At COFS, Nagpur, Dr. Milind Katare, Scientist, Krishi Vigyan Kendra, Meghalaya expressed his views on fish biodiversity and ongoing fish conservation efforts in northeastern states of India. Awareness campaign and health check-up camp was organized by Saksham Cell, COVAS, Udgir at Rajmata Jijau Girls Hostel, Udgir on the theme "Be part of the Biodiversity Plan" for the girl students of Veterinary, Fishery and Dairy Technology College, Udgir.

### CELEBRATION OF WORLD MILK DAY AND YEARLONG MILK AWARENESS CAMPAIGN

To celebrate the silver Jubilee year of the university an year long "Milk Awareness Campaign" about health benefits of milk among school/college students, villagers, senior citizens, women through constituent colleges of MAFSU in collaboration with school/college administration, state animal husbandry department, Agriculture department, public health department, women and child development department, other line departments, NGO's, etc. is planned by Directorate of Extension Education, MAFSU, Nagpur from 1<sup>st</sup> June 2024 i.e. "World Milk Day". To initiate this campaign a special online lecture on "Importance of Milk in Human Health" of Dr. P. G. Wasnik, Dean, Faculty of Dairy Technology, MAFSU, Nagpur was organized on 1<sup>st</sup> June 2024 "World Milk Day" under the chairmanship of Dr. N. V. Patil, Hon'ble Vice Chancellor, MAFSU, Nagpur in the presence of Dr. A. U. Bhikane, Director of Extension Education and Dr. N. V. Kurkure, Director of Research.

All 10 constituent colleges and KVKs of MAFSU celebrated World Milk Day on 1<sup>st</sup> June 2024 by organizing various programmes such as lectures, rallies and distribution of milk and milk products to staff and students in colleges, schools, cities and adopted villages. Seventy three university recognized Diploma schools also celebrated World Milk Day by distributing of milk to students and staff and arranging lectures.



*Celebration of World Milk Day at MVC, Goregaon by staff and student*



*Milk Awareness Rally by NVC, Nagpur*



*Celebration of World Milk day at COVAS, Parbhani*



*Distribution of milk to children at Pimpri Village by COVAS, Udgir*



*Celebration of World Milk Day at KNPCVS, Shirwal*



*Distribution of milk to staff and students at PGIVAS, Akola*



*Celebration of World Milk Day at COFS, Udgir*



*Distribution of flavoured milk to childrens and farmers by CDT, Warud*



*Flavoured milk distribution by CDT, Udgir in adopted village*



*Celebration of World Milk Day at COFS, Nagpur*

## CELEBRATION OF WORLD ENVIRONMENT DAY-24

World Environment Day 2024 was celebrated at Directorate of Extension Education, MAFSU, Nagpur, CDT, Udgir, COFS, Udgir, COFS, Nagpur, Rajmata Jijau Girls Hostel, Udgir and KVK, Thane on 5<sup>th</sup> June 2024 by organizing lectures and planting trees by Head of institutes. Staff & students actively participated in the programmes. At Directorate of Extension Education, Dr. A. U. Bhikane, Director Extension Education planted trees in the premises of Farmers Hostel, Nagpur.



*Dr. A. U. Bhikane, Director Extension Education planting tree at Shetkari Bhawan*

## CELEBRATION OF WORLD FOOD SAFETY DAY AT MVC, MUMBAI

On the occasion of World Food Safety Day on 7<sup>th</sup> June, 2024, the Department of VPH, Mumbai Veterinary College, Mumbai organized a Seminar on the year's theme 'Food Safety: Prepare for the Unexpected'. Mr. Koji Khwanishi, General Manager, Mr. Yuta Shiraishi, Application Group, Otsuka Electronics, Japan and Dr. Mrs. Madhavi Londhe, Lab India delivered the lectures on particle size analysis and demonstrated videos of different latest models available with them to the PG students and

faculties of VPH, Microbiology, Physiology and LPT. Dr. R. J. Zende, Professor and Head, VPH addressed the staff and. A total of 25 participants were present for the Program.



*Mr. Koji Khwanishi, General Manager, Otsuka electronics, Japan presenting lecture on new technologies*

## CELEBRATION OF WORLD OCEANS DAY AT COFS, UDGIR

College of Fishery Science, Udgir celebrated World Ocean Day on 08<sup>th</sup> June 2024 under the guidance of Dr. B.R. Kharatmol, Associate Dean, COFS, Udgir. On this occasion, Poster presentation competition was organized. Total 35 participants were present. Mr. V.B. Sutar and Mr. M.M. Girkar, Assistant Professor, COFS, Udgir acted as a Programme Coordinators. All staff members and students actively involved in the programme.



*Celebration of World Oceans Day at COFS, Udgir*

## CELEBRATION OF INTERNATIONAL YOGA DAY

The eighth International Day of Yoga was celebrated by MAFSU at Head Quarter and constituent colleges of MAFSU on 21<sup>st</sup> June, 2024 wherein the staff and students performed various Yogasanas under the guidance of Yoga experts.



*Celebration of International Yoga Day at COFS, Nagpur*



## OTHER ACTIVITIES

### LAUNCHING OF DIGITAL PASHUDHANSHALA

The Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur, has formalized a strategic partnership with Paani Foundation through a Memorandum of Understanding (MoU) to collaboratively execute extension activities focused on benefitting the farming community. In alignment with this MoU, a flagship initiative titled "Digital Pashudhanshala" was launched on 19<sup>th</sup> June 2024, in partnership with Paani Foundation and State Agricultural Universities.

The program is conducted online every Wednesday from 19:30 to approximately 22:00 hours. The "Digital Pashudhanshala" program is designed to deliver real-time, expert-driven insights on key topics such as livestock management, disease prevention, and strategies for enhancing productivity. Through this initiative, farmers gain access to valuable knowledge that is vital for improving the health and profitability of their livestock. This initiative



*Experts participation in Digital Pashudhanshala*

underscores MAFSU's commitment in utilizing digital platforms for the effective dissemination of extension services. Total 2 digital shetishala programmes were organized during June 2024 in which total 1304 farmers participated.

### VISIT OF WILDLIFE EXPERTS TO KAMLAPUR ELEPHANT CAMP

Experts of Wildlife Research and Training Centre, Nagpur and internee students visited Kamlapur Elephant Camp on 05<sup>th</sup> April 2024 to screen elephants for the presence of Elephant endotheliotropic herpesvirus and also to check the health status of the Baby elephant.



*Dr. Sujit Kolangath, Dr. Mayur Pawshe and internee students at elephant camp at Kamalapur*

### CLEANLINESS DRIVE IN ADOPTED VILLAGE BY COFS, NAGPUR

The cleanliness activity was conducted by the College of Fishery Science, Nagpur in an adopted Village, Peth Kaldongari on 02<sup>nd</sup> June 2024 as part of Unnat Bharat Abhiyan. The final year, B.F.Sc students along with Shri. S. S. Relekar, NSS Programme Officer took active part in organization of this event.



*Cleanliness campaign under Unnat Bharat Programme by COFS, Nagpur*

### FIELD VISIT OF THIRD YEAR STUDENTS OF COFS, UDGIR

Field visit for third year students of COFS, Udgir was organized at Nideban under the guidance of Mr. M. M. Girkar and Mr. S. S. Ghatge, Assistant Professor, COFS, Udgir on 11<sup>th</sup> June 2024. During the visit, various aspects of reservoir fisheries were explored to the students.

### FARM VISITS BY EXPERT

Dr. P. V. Patil, Farm Manager, COVAS, Udgir visited indigenous cow farm (Shivparvati farm) of 25 cows of Shri. Balraj Lanjile at Hipperga, Tq. Udgir, Dist. Latur on 6<sup>th</sup> April 2024. He also visited goat farms of Rahul Sonkamble (10 goats) and Anirudh Gunjarge (64 goats and 40 kids) at Kabansangvi, Tq. Chakur, Dist Latur on 23<sup>rd</sup> June 2024. He guided animal owners regarding deworming, vaccination, proper shed management, kid management and fodder production etc.



*Visit of Dr. P. V. Patil to goat farm*

### LIVE VIEWING OF WEBCASTING PROGRAMME OF PM KISAN

Krishi Vidnyan Kendra, Thane organized live viewing of webcasting programme of 17<sup>th</sup> installment of PM kisan for women at Danhanoli village Taluka – Murbad, Dist- Thane on 18<sup>th</sup> June, 2024. On this occasion Dr. Suresh



*Live viewing of webcasting programme of 17<sup>th</sup> installment of PM kisan for women*

Jagdale, Sr. Scientist & Head, KVK Thane presented activities of KVK and guided rural women about livestock farming. A total number of 55 women were participated in this programme.



## STUDENTS CORNER

### OUTREACH PROGRAMME ON 'PREPARATION FOR EXAM- MRCVS FOR PRACTICE REGISTRATION IN UK' AT MVC, MUMBAI

Mumbai Veterinary College, Mumbai in collaboration with PPAM conducted an outreach programme on the topic 'Preparation for exam- MRCVS for practice registration in UK', at Goregaon Campus on 1<sup>st</sup> April 2024. Dr. Kishor Mahind, alumni of MVC, Mumbai, M.V. Sc (Surgery - MVC), MRCVS, UK and practicing in UK for the last 15 years and having 2 clinics in London was a resource person. The event was attended by all UG, PG students and academic staff members along with many PPAM members. Prof. (Dr.) S. U. Gulavane, Associate Dean, MVC, was president of the function.



*Dr. Kishore Mahind practicing vet in UK delivering lecture*

### GUEST LECTURE ON OPPORTUNITIES, APPROACHES & CHALLENGES FOR VETERINARIANS IN USA AT NVC, NAGPUR

A Guest lecture of Dr. Satya Achanta (MVSc, PhD), Assistant Professor at Dept. of Anesthesiology, Duke School of Medicine, Durham, North Carolina, USA was organized on 2<sup>nd</sup> April, 2024 by the Dept. of Veterinary Pharmacology & Toxicology, NVC, Nagpur for the Undergraduate and Post-graduate students of the college to update them about the opportunities, approaches and

challenges for Indian veterinary graduates to built a career in the United States of America in the field of research, private practice etc..

Dr. N. V. Kurkure, Director of Research, MAFSU, Nagpur was the Guest of Honour and Associate Dean of Nagpur Veterinary College Dr. A. P. Somkuwar was Chairman of the programme. Alumni of NVC, Nagpur Dr. Manushree Bharadwaj, DVM, PhD (Expert in Pharmacokinetics), USA was also present on this occasion. The lecture was followed by interactive session with students and staff. Lecture Co-coordinator Dr. R. P. Limsay, Assistant Professor conducted the programme, while Dr. Swati Umap, Assistant Professor proposed vote of thanks.



*Dr. Satya Achanta delivering lecture*

### PRODUCT SELL COUNTER BY CDT, UDGIR IN CITY ON OCCASION OF GUDHIPADWA

Students of College of Dairy Technology took the opportunity to showcase their scientific and technological prowess on the occasion of Gudhipadwa i. e. 9<sup>th</sup> April 2024. They installed a product sell counter at Naik Chowk of Udgir city and sold variety of dairy products including Pedha, Burfi, Paneer etc. on this occasion. The event was organized by Dr. S. D. Kalyankar, Incharge, ATIC under the guidance of Dr. M. R. Patil, Associate Dean, of the college.



*Product sell counter by CDT, Udgir*

### ORGANIZATION OF NAJRANA BY MVC STUDENT'S COUNCIL OF MVC, MUMBAI

On 7<sup>th</sup> June, 2024, Mumbai Veterinary College Student Council 2024, Marathi Vangmay Mandal organized 'Najrana'- a musical evening. Mr. Chetan Dubey, Producer and Director was present as Chief Guest. Dr. Sarita Gulavane, Associate Dean presided over the function. Dr. Salil Hande, Chairman of Marathi Vangmay Mandal and other staff members were present on the occasion. More than 40 students participated in the competition.



*Welcome of the chief guest Mr. Chetan Dubey by Dr. S. U. Gulavane, Associate Dean*

### EXCITING KICKOFF FOR THE LATE DATTARAY TELANG BOX CRICKET TOURNAMENT AT MVC, MUMBAI

The V22 batch successfully organized the Late Dattaray Telang Box Cricket Tournament, which kicked off with a bang! The tournament was inaugurated by Dr. Makrand Chavan, Secretary of PPAM, Mumbai in presence of Dr. Shahir Gaikwad, Sports In-charge, along with Dr. Suresh Jagdale, Dr. V. D. Shankpal, Dr. Salil Hande and Dr. Prabhakar U kale. The cricket tournament was conducted on 8<sup>th</sup> and 9<sup>th</sup> June 2024.



*Inauguration of Cricket Tournament at MVC by Dr. Makarand Chavan*

### ORGANIZATION OF EDUCATIONAL TOUR FOR B.F.SC. STUDENTS OF COFS, NAGPUR

COFS, Nagpur has undertaken a practical tour for third year Bachelor of Fisheries Science (B.F.Sc.) students during 19<sup>th</sup> to 26<sup>th</sup> June 2024 at Ratnagiri and Mumbai. Visits to fish landing center, boat building yard, fish meal production unit and fisheries college, Ratnagiri etc. were organized during the tour to make students acquaint with the aspects of marine fisheries and aquaculture. Similarly, the students also visited an imitation fish product preparation unit, shrimp farm, laboratories at the Central Institute of Fisheries Education, Mumbai. Also, a demonstration on sea fishing was organized on the fishing vessel of the Fishery Survey of India during the said tour. Shri. S. A. Joshi acted as a tour leader and Dr. S. B. Gore accompanied the said tour.



*Students during exposure tour*



### RESEARCH PROJECTS SANCTIONED

**Project Title :** All India Network Project on Antimicrobial Resistance

**Funding Agency :** ICAR, New Delhi

**PI :** Dr. Wiqar Khan, NVC, Nagpur

**Amount (Rs). Lakh :** 10.00 Lakh

**Project Title :** Millet biorefinery for food, feed, fodder, fertilizer: design to demonstration

**Funding Agency :** DST SHRI

**PI :** Dr. A.P. Dhok, NVC, Nagpur

**Amount (Rs). Lakh :** 22.30 Lakh

**Project Title :** Millet biorefinery for food, feed, fodder, fertilizer: design to demonstration

**Funding Agency :** DST SHRI

**PI :** Dr. K.Y. Deshpande, PGIVAS, Akola

**Amount (Rs). Lakh :** 22.88 Lakh



## MOU'S

### MOU SIGNED BETWEEN MAFSU NAGPUR AND BAIF DEVELOPMENT RESEARCH FOUNDATION, URULIKANCHAN, PUNE

Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur, formalized collaborative agreements by signing a Memorandum of Understanding (MoU) with BAIF Development Research Foundation, Urulikanchan, Pune, on 12<sup>th</sup> June 2024. The primary aim of this MoU is to facilitate multidisciplinary research and extension endeavors, as well as promote intellectual cooperation and scholarly exchange between the two institutions. The MoU was signed by Dr. Niteen V. Patil, Hon'ble Vice-Chancellor of MAFSU and Dr. Bharat Kakde, President and Managing Trustee of BAIF Development Research Foundation, representing their respective organizations.



*Signing of MoU between MAFSU Nagpur and BAIF Development Research Foundation, Urulikanchan, Pune*

### MOU SIGNED BETWEEN SAHYADRI TIGER RESERVE (STR) AND WILDLIFE RESEARCH AND TRAINING CENTRE, NAGPUR

A Memorandum of Understanding was signed between Sahyadri Tiger Reserve (STR) and Wildlife Research and Training Centre, Nagpur on 26<sup>th</sup> April 2024 on

the Occasion of World Veterinary Day at Nagpur Veterinary College, Nagpur. The MoU would prove to be mutually beneficial as STR will facilitate staff working of WRTC to approach wildlife in protected areas for providing health cover and conducting research & training while WRTC will essentially provide its technical expertise and support in areas of Wildlife Health and Management. Dr. Shirish Upadhye, Director, WRTC and Shri. Ramanujan, Field Director, STR signed the MoU in presence of Dr. Niteen Patil, Hon'ble Vice-Chancellor, MAFSU.



*MoU between Sahyadri Tiger Reserve (STR) and Wildlife Research and Training Centre, Nagpur*

### A MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN RESQ, PUNE AND WRTC, NAGPUR

A Memorandum of Understanding was signed between RESQ and Wildlife Research and Training Centre, Nagpur on 21<sup>st</sup> May, 2024 by Dr. Shirish Upadhye, Director, WRTC and Ms. Neha Panchamiya, Founder and President, RESQ Charitable Trust, Pune with the aim of providing blood samples / tissue samples to WRTC in order to create repositories from wild animals presented to RESQ CT facility, in turn, WRTC will provide expertise services related to wildlife health, forensics, assisted reproductive technologies, laboratory and clinical facilities for research and health care & management of wildlife.



*MoU between RESQ, Pune and WRTC, Nagpur*



## MEETINGS

### RESEARCH COUNCIL MEETING OF MAFSU

The 11<sup>th</sup> Research Council meeting of Maharashtra Animal and Fishery Sciences University, Nagpur was held during 29<sup>th</sup> – 30<sup>th</sup> April 2024 under the Chairmanship of Dr. Niteen V. Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur at University headquarter. During the meeting, the 'Recommendation Booklet' of the 21<sup>st</sup> Joint Animal Science Research Council was released by the Hon'ble Vice Chancellor. Additionally, the Newsletter of the ICAR-NAHEP CAAST project at Mumbai Veterinary College, Mumbai, was released in the presence of dignitaries. Dr. N.V. Kurkure, Director of Research presented an overview of the research activities of constituent colleges of MAFSU. He detailed the research activities undertaken by MAFSU through its constituent colleges and WRTC, Gorewada.



*Release of Recommendation Booklet of the 21<sup>st</sup> JASRC by the Hon'ble Vice Chancellor & dignitaries*

### EXTENSION AND CONTINUING EDUCATION COUNCIL MEETING OF MAFSU

The 15<sup>th</sup> Extension and Continuing Education Council meeting of MAFSU was held on 4<sup>th</sup> May 2024 at Nagpur under the chairmanship of Dr. Niteen Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur. Dr. K. D. Kokate, Former Deputy Director General, ICAR, New Delhi and Dr. S. K. Roy, Director, ATARI, Zone-VIII, Pune were the special guests for the meeting. Dr. A. U. Bhikane, Director, Extension Education, MAFSU, Nagpur and Member Secretary of the Council presented the overview of extension activities of the University and various extension

projects. Review of Extension activities carried out during the last two years was presented by the Associate Deans of the constituent colleges and the planning for the next year was discussed leading to action points for the next year.

During the meeting reports of MAITRI training, Pashudhan Jagriti Abhiyaan and Pashusakhi training were released.



*Release of MAITRI report by the hands of dignitaries*

### PRELIMINARY MEETING FOR DISCUSSION ON 'PREPARATION OF RESIDUE MONITORING PLAN (RMP) FOR BUFFALO MEAT EXPORT' AT MVC, MUMBAI

The Preliminary Meeting was held on 14<sup>th</sup> June 2024 under the chairmanship of Dr. Sudhanshu, Secretary, APEDA, Govt. of India, New Delhi to discuss the preparation of Residue Monitoring Plan for Buffalo Meat Export at the Department of Veterinary Public Health, Mumbai Veterinary College, Mumbai. Dr. A. M. Paturkar, Former Vice Chancellor, MAFSU, Nagpur; Dr. S. U. Gulavane, Associate Dean, Mumbai Veterinary College and Dr. R. J. Zende, Professor and Head, Dept. of Veterinary Public Health, Mumbai Veterinary College attended the meeting. In the meeting, the timeline for



*Dr. Sudhanshu, Secretary, APEDA, Govt. of India, New Delhi and other experts discussing RMP proposal*

preparation of RMP and getting approval from various Indian legislative authorities was discussed.

### JOINT ANIMAL SCIENCE RESEARCH COUNCIL MEETING OF MAFSU, NAGPUR

The 22<sup>nd</sup> Joint Animal Science Research Council Meeting of MAFSU, Nagpur was convened during 18<sup>th</sup> to 26<sup>th</sup> June 2024 to assess the research progress of the colleges. During the meeting, 624 projects from the academic year 2023-24 across Veterinary Science, Dairy Technology and Fishery Science were thoroughly discussed. A total of 59 recommendations were proposed, with 20 receiving approval.



Dr. N. V. Patil, Hon'ble Vice-Chancellor addressing the members during 22<sup>nd</sup> JASRC meeting



### NCC ACTIVITIES

#### ORGANIZATION OF NCC CAMP BY 1 MAHARASHTRA R & V SQN NCC

A 10 days combined Annual Training Camp, CATC 606 was organized by 1 Maharashtra R & V Sqn NCC, Nagpur during 11<sup>th</sup> to 20<sup>th</sup> June 2024 at Mankapur Sports



NCC cadets during camp

complex, Nagpur. Total 380 NCC cadets of Army and Naval wing took part under the supervision of Camp Commandant Lt Col Abhinav Sharma; ANOs, Capt Nandeshwar, Lt. Shital Chopde, Third Officer Pradeep Sangale, JCO Dhanajay Kumar, QM K Satheesh and ALD Patil & Dfr Nanduram. During the camp cadets were trained in drill, weapon handling and various aspects of personality development. Additionally, a team from the National Disaster Response Force (NDRF) conducted hands-on training sessions on disaster relief management, CPR, first aid, and firefighting techniques.



### INAUGURATIONS

#### LAUNCHING OF INNOVATIVE RESEARCH BASED DAIRY PRODUCTS AT STDP OF CDT, WARUD

On April 5, 2024, the College of Dairy Technology, Warud (Pusad) launched an innovative line of dairy products based on research, including Mysore Pak, Chhana-podo, and two varieties of Musk-melon and Mango Ice cream by the hands of Dr. Niteen Patil, Hon'ble Vice-Chancellor, Dr. N. V. Kurkure, Director of Research and Dr. A. U. Bhikane, Director of Extension Education. Throughout the product development process, Assistant Manager (DP) Shri S. S. Shinde and Dairy Manager Shri A. B. Wakade worked diligently under the direction of Dr. P. G. Wasnik, Associate Dean, CDT, Warud and Dr. A. V. Dhotre, Assistant Professor, Dairy Engineering Department. In order to market these products, the college also designed a logo for use in ecommerce. The students and staff of CDT, Warud participated in launching program.



Launching of dairy products by Dr. N. V. Patil, Hon'ble Vice-Chancellor

## LAUNCHING OF WHEY DRINKS AND JAGGARY PEDHA BY CDT, UDGIR

Two whey drinks (Mango and Orange flavoured) and Jaggary pedha prepared by the College of Dairy Technology, Udgir were launched by Hon'ble Vice-Chancellor, Dr. Niteen Patil during the inaugural program of 22<sup>nd</sup> JASRC meeting at MAFSU headquarter, Nagpur on 18<sup>th</sup> June 2024. The whey drinks were prepared and developed by 8<sup>th</sup> Semester students of B. Tech. (DT) degree course of institute under guidance of Dr. N. W. Shinde, Incharge, IPT & Students training and Jaggary Pedha by Dr. S. D. Kalyankar under the guidance of Dr. M. R. Patil, Associate Dean of the college.



*Launching of two innovative milk products from the College of Dairy Technology, Udgir: Milk whey and Jaggary Pedha*



## VISIT OF DIGNITARIES

### VISIT OF DR. K. D. KOKATE, FORMER DDG, ICAR TO MAFSU MUSEUM

Dr. K. D. Kokate, Former Deputy Director General,



*Visit of dignitaries to MAFSU Museum*

ICAR, New Delhi, Dr. S. K. Roy, Director, ATARI, Zone-VIII, Pune and Dr. Niteen Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur visited MAFSU Museum on 4<sup>th</sup> May 2024.

### VISIT OF DR. S. K. ROY, DIRECTOR, ATARI AND DR. K. D. KOKATE, FORMER DDG, ICAR TO KVK, DUDHBARDI & MTC, BINA

Dr. S. K. Roy, Director, ATARI, Zone-VIII, Pune along with Dr. K. D. Kokate, Former Deputy Director General, ICAR, New Delhi visited the newly constructed building of the Krishi Vigyan Kendra, Dudhbardi, Nagpur on 4<sup>th</sup> May 2024. Dr. Niteen Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur, Dr. A. U. Bhikane, Director, Extension Education, MAFSU, Nagpur, Dr. S. W. Bonde, Dean, Fisheries, MAFSU, Nagpur, Dr. Anil Ulemale, Senior Scientist and Head, KVK, Sangli – II along with the university officials were also present during the visit. They also visited Micro Training Centre established by the University at Bina in Kamptee taluka under the project sponsored by National Dairy Development Board, Anand for the training of 1440 dairy farmers through a trained progressive dairy farmer Shri Sachin Chikankar.



*Visit of Dr K. D. Kokate, Dr. S. K. Roy and Dr. N. V. Patil along with Dr. A. U. Bhikane to KVK, Nagpur*

### VISIT OF DR. S. K. ROY, DIRECTOR, ATARI TO KVK, THANE

Dr. S. K. Roy, the Hon'ble Director, ICAR - ATARI zone -VIII, Pune visited newly established KVK Thane campus on 21<sup>st</sup> June, 2024 to take review of ongoing construction work of administrative building and farmers hostel and other activities of KVK for farmers of Thane district.



*Visit of Dr. S. K. Roy, Director, ATARI to KVK, Thane*

### VISIT OF FOREIGN DELEGATES TO MUMBAI VETERINARY COLLEGE

An International delegate from Cornell University Dr. Coreline Yancey, Associate Dean, International Programme, Dr. Lena De Tar, Director Shelter Medicine and Dr. Manigandan Lejeune, Associate Professor of Practice and Director Parasitology and Molecular Diagnostics visited various departments of Mumbai Veterinary College and appreciated the facilities available in the College.



*Visit of Foreign Delegates to MVC, Mumbai*



## AWARDS / HONOURS

### DR. HEMANT M. GAWANDE CONFERRED WITH ASSOCIATE FELLOWSHIP

Dr. Hemant M. Gawande, Assistant professor (Dairy Chemistry), CDT, Udgir has been conferred with Associate Fellowship by National Academy of Dairy Science (India), Karnal, Haryana during its VIII Convocation



on 9<sup>th</sup> April 2024 at DUVASU, Mathura for his significant achievements in the field of teaching, research and extension in dairy technology.

### AWARDS BY PASHUDHAN PRAHAREE TO STAFF AND STUDENTS OF MVC, MUMBAI

Dr. Deepashree N. Desai, Head & Assistant Professor, Department of Poultry Science, Mumbai Veterinary College received 'Prof. G. Devegowda Poultry Science Excellence Award 2024' in recognition of her significant and



outstanding contributions in the field of Poultry Science. Dr. Rutuja Sawant and Dr. Harshal Patil, students of Department of VSR, MVC, Mumbai were awarded with 'Rajbanshi Devi award' in the national level essay writing competition and 'Shri Awadesh Kumar Singh Memorial Award' for Best Popular Article writing competition respectively which was organized by Pashudhan Praharee on the occasion of the World Veterinary Day on 27<sup>th</sup> April 2024.

### PARTICIPATION OF DR. CHANDRAKANT GALDCHAR IN INTERNATIONAL SYMPOSIUM

Dr. Chandrakant Galdhar, Assistant Professor and Radiological Safety Officer, Department of Veterinary Clinical Medicine, Mumbai Veterinary College, Mumbai participated in the International Symposium on Food Safety and Control held from 27<sup>th</sup> to 31<sup>st</sup> May 2024 in Vienna, Austria. He presented the poster entitled "Studies on the Disposition of Technetium-99m Labelled Foot-and Mouth Disease Vaccine in Guinea pigs". The symposium was organized at IAEA headquarters and attended by more than 300 scientists across the globe.



*Dr. C. N. Galdhar during his poster presentation in International Conference*

### DR. UMA TUMLAM GRABBED BEST POSTER PRESENTATION AWARD

Dr. Uma Tumlam, Assistant Professor of the Department of Microbiology, KNP College of Veterinary Science, Shirwal grabbed the best poster presentation award at the National Conference organized by the Indian Association of Veterinary Microbiology (IAVMICON) during 6<sup>th</sup> to 7<sup>th</sup> June 2024 at College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur (Rajasthan).



*Dr. Uma Tumlam receiving the best poster presentation award*

### AWARDS TO MAFSU STAFF AT THIRD INDIAN CONGRESS OF VETERINARY DERMATOLOGY

Dr. Gayatri Wankhede, Assistant Professor, Department of Veterinary Medicine, KNPCVS, Shirwal grabbed first prize in Farm Animal Dermatology Session, third prize in Small Animal Dermatology Oral as well as Poster Session and Dr. G. S. Khandekar, Professor and Head, VSR, MVC, Mumbai awarded the third prize in the "Practitioner case presentation" category in Third International Conference of IAVD held at Goa during 6<sup>th</sup> to 9<sup>th</sup> June 2024.



*Dr. Gayatri Wankhede receiving three prizes during IAVD conference*



*Dr. G. S. Khandekar receiving the Award for his presentation*

### BEST TEACHER - RESEARCHER AWARD TO DR. P. V. YEOTIKAR BY SENIOR VETERINARY FOUNDATION, PUNE

Dr. P. V. Yeotikar, I/c Professor of Veterinary Biochemistry, College of Veterinary & Animal Sciences, Parbhani received Distinguished Teacher-Researcher Award for the year 2024 for his significant contribution in the field of animal healthcare from Senior Veterinary Foundation, Pune, at the hands of Medha Kulkarni, Rajya Sabha member on 16<sup>th</sup> June 2024 at Pune.



*Dr. P. V. Yeotikar receiving Best Teacher and Researcher award*

### DR SAINATH BHOKARE RECEIVED DR. APJ ABDUL KALAM LIFETIME ACHIEVEMENT NATIONAL AWARD

Dr. Sainath Bhokare, Assistant Professor of Livestock Production and Management received the prestigious Dr. APJ Abdul Kalam Lifetime Achievement National Award at International Institute for Social and Economic Reforms, Bengaluru on 29<sup>th</sup> June 2024.



*Dr. Sainath Bhokare receiving Dr. APJ Abdul Kalam Lifetime Achievement National Award.*

### DR. P. V. PATIL AND DR. M. K. PATIL RECEIVED THIRD PRIZE FOR THE POPULAR ARTICLE WRITING COMPETITION

Dr. P. V. Patil, Farm Manager and Dr. M. K. Patil, Assistant Professor, COVAS, Udgir received third prize for the popular article writing competition for the article entitled "Managemental practices to improve milk quality in India" organized on the occasion of 'World Milk Day-2024' by Vet Farm Frontier e-magazine & newsletter.



*Dr. P. V. Patil*



*Dr. M. K. Patil*



## EMPLOYEES CORNER

### SUPERANNUATION OF DR. D. U. LOKHANDE

Dr. D. U. Lokhande superannuated as Professor Department of Surgery and Radiology and Incharge Goregaon Campus on 30<sup>th</sup> April 2024 after giving yeoman service to the Department, Institute and University for 32 years. He will always be remembered by his students and staff as a stalwart of Veterinary Surgery and an Excellent Surgeon.



*Felicitation of Dr. D. U. Lokhande at the Hands of Dr. L. B. Sarkate, Ex. DI and Dean, MAFSU, Nagpur*

### SUPERANNUATION OF DR. B. W. NARLADKAR

Dr. B. W. Narladkar, Associate Dean & Head, Department of Veterinary Parasitology, COVAS, Parbhani superannuated on 31<sup>st</sup> May 2024.



*Felicitation of Dr. B. W. Narladkar by Dr. A. U. Bhikane, Director Extension Education, MAFSU, Nagpur*

### SUPERANNUATION OF MR. ANIL PATIL

Mr. Anil Patil, Animal Attendant retired from his services as Attendant, Department of Surgery and Radiology on 31<sup>st</sup> May 2024. He will always be remembered by the staff and students of MVC as a diligent worker.



*Felicitation of Mr. Anil Patil at the Hands of Dr. G. S. Khandekar, Professor and Head, VSR*

## .....AND 'GAJA' STOOD ON HIS OWN AGAIN .....

On 13<sup>th</sup> June 2024, the Giant skeleton of a crossbreed bull, 'Gaja' was unveiled at Department of Veterinary Anatomy and Histology, by the hands of Hon'ble Vice Chancellor of Maharashtra Animal and Fishery Sciences University, Dr. Niteen Patil in presence of Former DDG, ICAR, Dr. K. D. Kokate, Dr. A. U. Bhikane, Director Extension Education, Dr. N. V. Kurkure, Director of Research and Dr. Milind Meshram, Associate Dean, KNPCVS, Shirwal. The record of the largest bull in the country was recorded in the India Book of Records in the name of Gaja. The record holder Gaja, was six feet tall, ten feet long and weighed a ton. In many agricultural exhibitions in Maharashtra-Karnataka, Gaja Bull's sting was heard. After his death the skeleton was assembled after following all anatomical maceration procedures and all bones were collected.



Dr. Shilpa Salunke, Sectional Head of the Department of Anatomy, briefed everyone about how the tremendously heavy bones and their assembling was a breath taking task for all the team mates and how it got mounted finally. She even narrated that the actual height, body girth and length of the bull- Gaja's body when he was alive, was taken into consideration during mounting. A special wheel bearing platform was prepared on which Gayja's Skeleton was mounted. After seeing this one of its kind huge, mounted skeleton, Dr. Niteen Patil, Hon'ble Vice Chancellor expressed that, this can truly be an example of skillful India, as the knowledge gained during studying was actually used to assemble and mount this one of its own kind of real skeleton model. He congratulated Dr. Shilpa Salunke (Modekar) and her team mates, Dr. C. D. Kachave, Dr. G. B. Yadav and Retired clerk Mr. B. M. Tel for the efforts taken.



**गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन!**  
क्रांतिसिंह नाना पाटील पशुवैद्यकीय महाविद्यालयात उभारला सांगाडा

माहाराष्ट्र अर्थ व शेतकरी कृषि उद्योग विभाग अंतर्गत अखिल भारतीय शेतकरी संघटना (ए.एस.एस.सी.) या संस्थेच्या माध्यमातून गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले. यासाठी गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले. यासाठी गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले.

गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले. यासाठी गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले. यासाठी गजा बैलाच्या मृत्यूनंतरही उमदेपणाचे जतन करण्यात आले.

**गजा बैल देणार मृत्यूनंतरही प्रेरणा**  
शिरवळच्या क्रांतिसिंह नाना पाटील पशुवैद्यकीय महाविद्यालयात सांगाड्याचे जतन

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