



IAUA NEWS

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NEW TECHNOLOGIES**A. CROP and HORTICULTURAL SCIENCES**

The Agricultural Universities made earnest efforts to develop new technologies in Crop and Horticultural Sciences, which included varieties/hybrids; machines and equipment; products and processing; and package of practices as discussed here.

VARIETIES/HYBRIDS**Agriculture University (AU), Kota****Masoor: Kota Masoor 5**

Lentil new variety Kota Masoor 5 was released and notified for Rajasthan. It has non-tendrilled leaves with dark green, large and brown-seed, and maturity of 120 days. Average yield is 19-21 q/ha. This variety has moderate resistance to wilt and rust, along with a lower incidence of pod borer and aphids.



Kota Masoor

Dr Rajendra Prasad Central Agricultural University (Dr RPCAU), Pusa

Central Variety Release Committee (CVRC) notified and released two improved crop varieties—Rajendra Genhu 4 (Wheat) and Rajendra Madua 1 (finger millet) developed at RPCAU, Pusa.

Wheat: Rajendra Genhu 4

- Area of adoption: NEPZ
- It is a timely sown variety and moderately resistant against leaf blight, leaf rust and spot blotch
- Average yield: 52 q/ha
- Days to maturity: 126-137 days
- It is a biofortified wheat variety with high zinc and iron content.



Rajendra Genhu - 4

Madua: Rajendra Madua 1

- Area of adoption: Bihar
- It is erect, having light green leaf, brown panicle with height of 105-116 cm. It possesses high degree of resistance against leaf blast, rust, smut, brown spot, downy mildew and leaf blight.
- Average yield: 38 q/ha
- Days to maturity: 118 days
- This variety possess high calcium and iron content.



Rajendra Madua-1

Junagadh Agricultural University (JAU), Junagadh**Junagadh Agricultural University Released Six New Crop Varieties**

In a significant stride towards enhancing agricultural resilience and farmer profitability, Junagadh Agricultural University (JAU) has released six innovative crop varieties (i) Pigeon Pea (Gujarat Tur 112, GT 112: Sorath Bhuri), (ii) brinjal (Gujarat Long Brinjal 11, GLB 11: Sorath Priya), (iii) bottle gourd (Gujarat Bottle Gourd 2, GBG 2: Sorath Nidhi), (iv) pearl millet (Gujarat Hybrid Bajra 1305, GHB 1305: Sorath Maru Shakti), (v) sesame (Gujarat Til 21, G.Til 21: Sorath Kalapi) (vi) soybean (Gujarat Soybean 5, G. Soy 5: Sorath Leela) tailored to the agro-climatic conditions of Gujarat. These varieties, developed through rigorous research and field testing, promise improved yield potential, disease resistance, and better climate change adaptability.



Pigeon Pea: Gujarat Tur 112 (GT 112: Sorath Bhuri)



Brinjal: Gujarat Long Brinjal 11 (GLB11: Sorath Priya)



Bottle Gourd: Gujarat Bottle Gourd 2 (GBG2: Sorath Nidhi)



Pearl millet: Gujarat Hybrid Bajra 1305 (GHB 1305: Sorath Maru Shakti)



Sesame: Gujarat Til 21 (G. Til 21: Sorath Kalapi)



Soybean: Gujarat Soybean 5 (G. Soy 5: Sorath Leela)

Professor Jayashankar Telangana Agricultural University (PJTAU), Hyderabad

Following 11 varieties of six crops developed by PJTAU were released and notified during 93rd meeting of Central Sub-Committee on Crop Standards, Notification and Release of Varieties, (Gazette notification dated:07.04.2025).

Rice

Warangal Vari-1246 (WGL-1246)

- Short duration (125-130 days); Yield Potential: 6500 -7500 kg/ha.
- Medium slender grain, resistant to panicle mite, and moderately resistant to BPH, neck blast, sheath rot and grain discolouration.
- Recommended for Telangana.

Jagtiala Vari-33124 (JGL-33124)

- Medium duration (135-140 days); Yield Potential: : 7500 kg/ha.
- Medium slender grain, moderately resistant to leaf blast, neck blast, sheath rot, BPH, panicle mite and grain discoloration.
- Recommended for Telangana.

Jagtiala Vari-28639 (JGL-28639)

- Short duration (120-125 days); Yield Potential: 8000-8500 kg/ha.
- Long slender grain, moderately resistant to BPH, leaf blast, panicle mite, BLB, sheath rot and grain discoloration.
- Recommended for Telangana.

Kampasagar Vari-6251 (KPS-6251)

- Early duration (115-120 days); Yield Potential: 8000-8300 kg/ha.
- Medium slender grain, moderately resistant to salinity, BPH, bacterial leaf blight and neck blast.
- Recommended for Telangana.

Rudrur Vari-1200 (RDR-1200)

- Medium duration (130-135 days); Yield Potential: 7800-8600 kg/ha.
- Short slender grain, resistant to panicle mite, moderately resistant to both brown planthopper and gall midge (biotype 4M and biotype).
- Recommended for Telangana.

Rudrur Vari-1162 (RDR-1162)

- Short duration (120-125 days); Yield Potential: 7500-8000 kg/ha.
- Short slender grain, resistance to panicle mite, moderately resistant to gall midge biotype 4.
- Recommended for Telangana.

Maize**DHM 182** (Rajendranagar Makka-182)

- Medium duration (100-105 days) single cross hybrid; Yield potential: 9-10 t/ha.
- Yellow & Semi Flint Grain, moderately resistance to PFSR.
- Recommended for Telangana.

Chickpea**ADBeG-2** (Adilabad Shanaga-2)

- Early duration (100-105 days); Yield potential: 2067 — 2678 kg/ha; Protein content: 19.39%.
- Resistant to *Fusarium* wilt; Recommended for Telangana.

Redgram**Telangana Kandi-4** (TDRG-272)

- Duration: 160-165 days; Yield Potential: 1750-2000 kg/ha.
- Moderately resistant to *Fusarium* wilt disease and registered less damage to pod borers and pod fly.
- Recommended for Telangana, Andhra Pradesh, Tamil Nadu, Orissa, Karnataka.

Sugarcane**Rudrur Cheruku-81** (2013 R 81 / Co R 19141)

- Duration: 12months (Mid late variety); Yield potential: 125.5 t/ha; Jaggery yield: 16.47 t/ha.
- It has high sugar content (19.4% sucrose), Excellent ratooning ability and is well-suited for Eksali planting in January.
- Moderately resistant to red rot, smut, and yellow leaf disease (YLD) under natural conditions, resistant to wilt, and less susceptible to early shoot borer, internode borer, and scales.
- Recommended for Telangana.

Groundnut**Jagtial Palli-1** (JCG-2141)

- Duration: Kharif:100-105 days, Rabi: 105-110 days; Yield potential: 2800 — 3000 kg/ha.
- Tolerant late spot disease, rust and sucking pests.
- Recommended for Andhra Pradesh.

Punjab Agricultural University (PAU), Ludhiana**Mentha: CIM-Unnati**

It is high yielding variety of menthol mint (*Mentha arvensis* L.) with high oil content (0.81-0.83 %) in herb and suitable for planting from end of January to mid of February. Its average herb yield is 113 q/acre. It produces the highest herb and oil yield when harvested 145 day after planting.

University of Agricultural Sciences (UAS), Bengaluru

Two hybrids and two varieties released/ endorsed by UAS-B were accepted in Central Sub-Committee Meeting on Crop Standards, Notification & Release of Varieties for Agricultural Crops for notification in GoI, gazette (SO. 2128 (E) dated 13.05.2025).

Maize hybrid (MAH 15-84)

It is a single cross hybrid having resistance to leaf blight disease and is moderately tolerant to downy mildew disease. It is suitable for Karnataka region and yields 36-38 q/acre.

Sunflower hybrid (KBSH-90)

It is a short duration hybrid (80-82 days) with medium height. It is suitable for Uttarakhand, Jammu and Kashmir, Gujarat, Maharashtra and Northern Karnataka, Andhra Pradesh, Southern Karnataka, Tamil Nadu, Telangana and gives 9.6-10.0 q/acre of seed yield and 3.6-3.8 q/acre of oil yield.

Niger (KBN 2)

It is a short duration (80-85 days) variety with more number of branches and filled pods and contains bold black seeds with 47-48% oil content. It is suitable for Karnataka, Maharashtra, Telangana, Madhya Pradesh district Ranchi and Uttar Pradesh.

Cowpea (KBC 12)

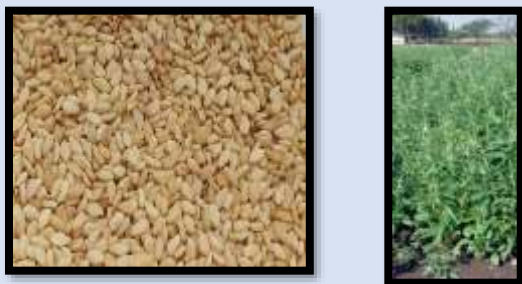
It is suitable for July-Aug and Jan-Feb sowing and an upright plant type with thick green pods, medium thick and light brown seeds. It is resistant to dry root rot, bacterial leaf blight and viral disease. It is suitable for Karnataka region and yields 5.3-5.6 q/acre.

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani**Varieties of VNMKV approved by SVRC (JOINT AGRESCO 2025)**

The 53rd State-Level Joint Agricultural Research and Development Committee (Joint Agresco-2025) Meeting was jointly organized by VNMKV, Parbhani and the MCAER, Pune from 29th to 31st May 2025 at VNMKV, Parbhani. Following three (3) new crop varieties, were approved by the JOINT AGRESCO committee for the benefit of farmers.

Sesame: TLT-7

- Medium plant height (90 m) with lodging resistance.
- Medium maturity (90-95 days) in duration.
- Oil content 45-46 per cent.
- Average seed yield - 700-800 kg/ha.
- Recommended for cultivation during summer in Maharashtra state.



Sesame: TLT 7

Rabi sorghum: Parbhani Supermoti SPV 2735 (PVR 983)

- Developed by hybridization followed by pedigree selection from a cross (Dagadi × PVR 652).
- A dual purpose *rabi* sorghum variety.
- Grain yield potential - 23.19 q/ha.
- Average fodder yield - 69.66 q/ha.
- Grain and *roti* quality is better to the Maldandi and other checks.
- Moderately tolerant to shootfly, stem borer and charcoal rot.
- Recommended for cultivation for *rabi* in Maharashtra State.



Parbhani Supermoti SPV 2735 (PVR 983)

Cowpea: Parbhani Padma (CPB 2201)

- High yielding genotype (average yield 876 kg/ha in Maharashtra).
- Early maturity - 81 to 92 days with average 86 days.
- Resistant to yellow mosaic disease.
- Seed with a test weight of 12.79 g.
- Recommended for release for cultivation in *Kharif* of Marathwada and Western Maharashtra region of Maharashtra state.



Parbhani Padma

MACHINES and EQUIPMENT**Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)****Dutch bucket system**

Modular media-based setup with drip irrigation: Each plant grows in its own bucket filled with an inert growing medium (e.g., perlite, coconut coir), fed nutrient solution via a dedicated drip line; excess solution drains back to the reservoir for reuse.

Ideal for high-yield vine and fruiting crops: The system excels at supporting heavy, indeterminate plants—common choices include tomatoes, cucumbers, peppers, eggplants, and melons—thanks to robust root support and easy trellising.

Versatile for smaller and leafy vegetables too: By adjusting bucket spacing and nutrient profiles, herbs (basil, mint), leafy greens (lettuce, Swiss chard), and even compact strawberries, can also be cultivated making it a flexible option for mixed-crop production.



Custom-sized PVC buckets: 10 Dutch bucket system was designed by the Division of Plant Physiology

University of Agricultural Sciences (UAS), Bengaluru

At the UAS – B 7 equipment were developed and recommended for commercialization in Zonal Research and Extension Programme organized from 22 to 25 April 2025.

Manually operated ragi seed cum fertilizer drill

Using the seed-cum-fertilizer drill, a farmer can sow up to 1.5 acre /day with the help of two labourers. The field capacity of seed drill is 20 kg/ha and 28 kg of fertilizer/ha. This implement achieves a field efficiency of 93.7%, making it an effective solution for small farmers.



Manually operated ragi seed cum fertilizer drill

Sunflower thresher cum dehuller

It is used to remove the outer hulls from graded sunflower seeds, and extract the kernels mainly for confectionary purpose and edible oil extractions. It is a semi -automatic machine, operated with the help of an electric motor (1 hp, single phase). The capacity of the machine is 15-18 kg/hr (throughput capacity) with an efficiency of more than 95%, output capacity (55-58 kg/hr) with 4-7% broken. The threshing efficiency is 99% with 220-270 heads/hr capacity (18-20 kg/hr seed output - vary based on size).



Sunflower thresher cum dehuller

Castor decorticator

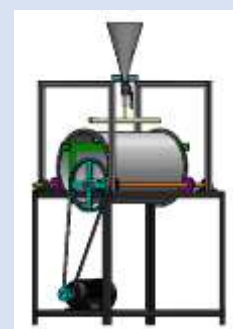
It is used to remove the hard-outer shells/hulls from the well dried castor capsules and extract the castor beans/seeds. It is a semi-automatic machine, operated with the help of an electric motor (0.5 hp, single phase). The capacity of the machine is 90-100 kg/hr (throughput capacity) with an efficiency of 98% and output capacity (61-69 kg/hr).



Castor decorticator

Kori roti making machine

It is used to prepare rice-based or millet-based *kori rotti* — a traditional food of Coastal Karnataka. It is an automatic machine which operates with the help of 1 hp gear motor. The *kori rotti* making capacity of the machine is 7-8 kg/hr depending upon the type of cereals used.



Kori roti making machine

Double head maize sheller

It is used mainly to extract the sweet corn seeds from cobs, and is also suitable for maize shelling of other varieties with proper adjustment in shelling unit. The shelling capacity of the machine is 600-650 cobs/hr with an efficiency of more than 99%, output capacity (56-60 kg/hr sweet corn and 110 kg/hr normal maize) with negligible seed damage (<1%).



Double head maize sheller

Maize sheller for variable sized cobs

It is used mainly to extract the grains/seeds from variable sized maize cobs. It is a semi-automatic machine (manual feeding), and is operated with an electric motor (1 hp, single phase). The shelling capacity of the machine is 1000-1200 cobs/hr (throughput capacity) with an efficiency of more than 95%, output capacity (200-220 kg/hr normal maize) with <5% seed damage.



Maize sheller for variable sized cobs

Portable honey extractor for domestic bees

It is constructed from food-grade material SS 304, ensuring the safety and hygiene of the honey during extraction. The highest honey recovery for the closed model was 92.03% at 250-300 rpm for 2 min, with the highest extraction rate of 117.8 g/min at the same speed for 2 min.



Portable honey extractor for domestic bees

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

Puffing-cum-popping machine

At the VNMKV an LPG operated (HTST Based) semi-automatic puffing-cum-popping machine was developed. It is recommended to release for producing sorghum pops, popcorn, puffed soynuts and puffed peanuts at small scale industry level.

Salient features

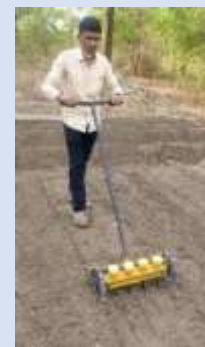
- Useful for the production of popcorn, sorghum pops, puffed soynuts, groundnuts, chickpea (*Phutane*), puffed *panipuri*, and *fryms*.
- Portable, LPG operated, thermal insulated.
- Controller for mechanical stirring: 0-75 RPM.
- Tilting mechanism for puffing pan to unload puffed and popped product.
- Digital temperature controller (maximum 400°C) with auto ignition system.
- Heating media – salt.
- Puffing / popping capacity: 80kg/day Puffed soynuts, 35-50 kg/day peanuts and sorghum, popcorns.
- Cost: Approximately ₹75,000.



Puffing-cum popping machine

Manually operated vegetable planter

At the VNMKV, manually operated vegetable planter was developed, and is recommended for release for growing seedlings of chilli, tomato, brinjal, onion, cabbage, and coriander seedlings in nursery



Manually operated vegetable planter

Salient features

- Human operator, seed saving.
- Can prepare high qualities seedling.
- Field capacity 0.039 to 0.057 ha/hr.
- Metering mechanism developed for chilli, tomato, brinjal for predetermined spacing.

PACKAGE of PRACTICES**Agriculture University (AU), Kota****Technical recommendations**

Eleven new technical recommendations were approved by the University for inclusion in Package of Practices for Agro-Climatic Zone-V of Rajasthan. Some major recommendations are as follow:

Pigeon pea

- Foliar application of ZnSO_4 @ 0.5% (5 g/litre) + FeSO_4 @ 0.5% (5 g/litre) mixed with lime @ 0.5% (5 g/litre) at flower initiation and pod initiation stages along with recommended doses of fertilizers gives higher yield of pigeon pea with higher iron and zinc content in grain.

Paddy

- Apply FYM @ 5t/ha along with recommended doses of fertilizers (NPK @ 120-60-30 kg/ha). If FYM is not applied than use 125% recommended doses of fertilizers (NPK @150-75-50 kg/ha) for higher yield and economic returns of transplanted rice.
- Two foliar sprays of water soluble NPK 19:19:19 @ 0.5% at tillering and panicle initiation stages along with recommended doses of fertilizers (NPK @ 120-60-30 kg/ha) enhances the yield of transplanted rice.
- Apply 25 kg zinc sulphate heptahydrate or 16 kg zinc sulphate monohydrate in soil at the time of last ploughing in zinc deficient soils.

Soybean

- Seed inoculation with *Rhizobium* + *Bacillus aryabhataii* (Zn solubilizing and siderophore producing rhizobacterial strain) + *Burkholderia arboris* (high P solubilizing) @ 10 g /kg seed along with 75 % recommended doses of fertilizers (NP @15-30 kg/ha) enhances the yield of soybean.
- The strip cropping of soybean (12 rows) + maize (6 rows) sown at 30 and 60 cm row spacing, respectively, resulting into higher system productivity and net profit as compared to sole soybean crop under rainfed conditions.

Bitter gourd

- Three sprays of bioagent *Lecaniicillium lecanii* @ 5 ml/l or Karanj oil @ 2ml/l or *Azadirachtin* 10,000 ppm @ 3 ml/l at 15-day interval are effective for the control of sucking pest leaf hopper in *zaid* bitter gourd.

Okra

- Application of Quizalofop ethyl 5 EC @ 50 g ai / ha at 20 days after sowing (post - emergence) followed by one hand weeding at 40 days after sowing found effective for weed control in *Zaid* okra.

Punjab Agricultural University (PAU), Ludhiana

- Management of late blight of potato with Infinito 687.5 SC (fluopicolide 62.5 G/L+ propamocarb hydrochloride 625 G/L SC) was recommended for inclusion in Package of Practice of vegetable crops vide Proceeding of University REC No. Endst. No. PBG/2025.9262-9332 dated 07/05/2025.
- Sowing of summer moong with smart seeder and happy seeder under dry conditions followed by irrigation approved for inclusion in the Package of Practices (306th REC meeting on 21.04.2025).
- Under optimum moisture conditions, besides existing recommendation of happy seeder, sowing of summer moong with smart seeder and super seeder approved for inclusion in the Package of Practices (306th REC meeting on 21.04.2025).

B. ANIMAL and FISHERIES SCIENCES

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana

Web resource for buffalo QTL

The university scientist(s) in collaboration with ICAR-IASRI, New Delhi developed 'BuffaloQTLdb: A database for Buffalo'. In the study, 139806 QTL/MTAs of buffaloes were collected and manually curated. Additionally, 292 heritability scores, and 1,262 correlation scores among various trait pairs were also extracted. BuffaloQTLdb is the first manually curated database for buffalo QTL, which could be utilized by buffalo research community in meta-



analysis for the development of better breeds and management of various stress conditions in buffalo.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

Vaccine, drugs and medicine and diagnostics

Poultry innovation through ND vaccine

In the domain of vaccine development, three local strains of Newcastle disease virus (NDV) were successfully isolated and characterized. Histopathological examination of affected tissues was completed, while cloning of the full-length F gene and propagation of the 293T cell line are in progress, contributing toward the development of an indigenous NDV vaccine.



Figure 1: Gross pathological lesions observed in NDV infected birds on necropsy. (A) Thickened mucosa and petechial to confluent hemorrhages in the proventriculus, particularly at the tips of the glandular papillae. (B) Presence of fibro-necrotic exudate and ulceration within the tracheal lumen. (C) Ulcerative and hemorrhagic lesions in the intestinal mucosa.

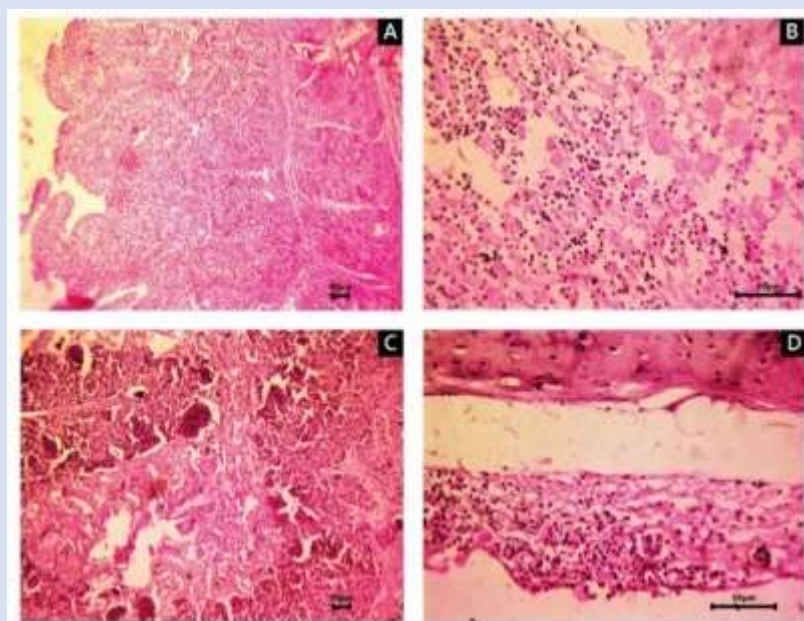


Figure 2: Histopathological lesions in tissues of Newcastle disease virus (NDV) infected birds. (A) Blunting, fusion and thickening of intestinal villi accompanied by fibro-necrotic material in the mucosa and lamina propria, indicating severe enteric involvement. (B) Degeneration and necrosis of Purkinjee cells along with marked spongiosis in the cerebellar tissue of brain. (C) Congestion, hemorrhage and accumulation of fibro-necrotic debris within the proventricular gland. (D) Desquamation of the tracheal epithelium with congestion and necro-hemorrhagic changes.

TEACHING**Agriculture University (AU), Kota****Kulpati-Vidhyarthi Sanwad**

Kulpati-Vidhyarthi Sanwad organised at College of Horticulture and Forestry, Jhalawar on 3 April 2025. Vice Chancellor, Agriculture University, Kota Dr Abhay Kumar Vyas interacted with 45 students for guiding, motivating and inspiring them about their career.

Dr Rajendra Prasad Central Agricultural University (Dr RPCAU), Pusa

Dr Rajendra Prasad Central Agricultural University (RPCAU), Pusa, issued 89 (eighty-nine) appointment offers for faculty positions across various departments by 4 April 2025. This large-scale recruitment reflects the University's strong commitment to enhancing academic excellence, fostering innovation, and building research capabilities in agricultural sciences. The newly appointed faculty members will significantly contribute to teaching, research, and extension activities, in line with the vision and priorities of the National Education Policy (NEP) 2020.

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana**Annual review of DBT-PGT programme**

College of Animal Biotechnology conducted the annual review meeting of the Department of Biotechnology (DBT)-sponsored Postgraduate Teaching Programme. Dr J.P.S. Gill, Vice-Chancellor, chaired the meeting attended by an esteemed panel comprising the DBT Nominee, Professor Mahesh Sankaran, National Centre for Biological Sciences, Bengaluru; Skill Expert



Dr Ajit Dua, CEO, Punjab Biotechnology Incubator, Mohali; External Academic Experts, Dr Manav Inder Singh Gill, Dean, Postgraduate Studies, PAU, Ludhiana; and Dr Parveen Chhuneja, Director, Dr G.S. Khush Institute of Genetics, PAU, Ludhiana; Industrial Representative Mr Nishit Singhania, Director, S Singhania (India) Pvt. Ltd, Ludhiana; along with Dr Ramneek Verma, Adjunct Professor and the college fraternity. Dr R.S. Sethi, Dean of the College presented an overview of the college, highlighting milestones achieved, and DBT-sponsored Master's programme. Prof. Mahesh Sankaran, commended the high-quality research initiatives being undertaken. Dr Ajit Dua appreciated the strategic role played by the Central

Instrumentation Facility and the incubation centre of the college. Dr Manav Inder Singh Gill stressed the importance of publishing student research with proper acknowledgment. Dr Parveen Chhuneja proposed a centralized counselling system for DBT programme admissions to benefit aspiring students by making the process more streamlined, equitable, and accessible. Mr Nishit Singhania urged for increased national visibility of the programme through improved promotion and outreach. Dr J.P.S. Gill in his concluding remarks, affirmed that the college remains fully committed to enhancing the quality of research and fostering an enriched learning environment.

Punjab Agricultural University (PAU), Ludhiana

- Course curriculum of undergraduate programmes were revised according to the recommendations of Sixth Dean's Committee in light of NEP 2020.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

- Organised Case Study Solving Session on 3 April 2025. This session is designed to enhance analytical thinking, problem-solving skills, and collaborative decision-making among students. During this session, students will work to analyze and propose solutions to a real-world business challenge. We encourage them to actively participate and bring critical thinking skills to the table.
- One-week Entrepreneurship Development lecture series for B. Tech. Biotechnology final year students was organized from 23 to 30 June 2025.

Tamil Nadu Agricultural University (TNAU), Coimbatore

Inauguration of NIDHI - DST- Prayas Shala (FAB LAB)

As part of NIDHI – DST scheme, Nidhi-DST-Prayas Shala (FAB LAB) was inaugurated by Dr R. Thamizh Vendan, Registrar and Acting Vice- Chancellor at ABIS-TBI, TNAU, Coimbatore on 22.05.2025 in the presence of Dr E. Somasundaram, Director (ABD) and Mr. A. V. Gnanasambandam, Executive Director, to support young innovators to turn their ideas into proof of concept. The lab equipped with 3D Printing, Bio printing and PCB Prototype, viz., 24 different types of equipment were procured and installed in the lab for the benefit of Start-ups and students working in mechanical and digital fabrication.



Inauguration of NIDHI - DST- Prayas Shala (FAB LAB)

University of Agricultural Sciences (UAS), Bengaluru**EL / HoT activities**

Photography Competition was organized by Hands on Training Students of Agricultural Journalism and Multimedia Production of Department of Agricultural Extension, GKVK, Bengaluru at North Block Auditorium, GKVK, Bengaluru on 12.5.2025.

**Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani****ICAR 'A Grade' Accreditation for VNMKV, Parbhani**

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani, along with its constituent colleges was accredited with A Grade by the National Agricultural Education Accreditation Board (NAEAB) of the Indian Council of Agricultural Research (ICAR). This accreditation, valid from April 2023 to March 2028, was approved in the 40th meeting of the Board held on 16 May 2025. The university secured an overall score of 3.21 out of 4.00. This recognition officially endorses the university's milestones achieved in education, research, extension and infrastructural development. The Accreditation Committee conducted a comprehensive evaluation between 25 and 29 November 2024, visiting colleges and departments at Parbhani, Latur, Badnapur, Ambajogai, Dharashiv, Golegaon (Hingoli), and Chakur (Latur). This accreditation significantly strengthens the university's academic credibility at the national level, and is expected to open new avenues for high-quality agricultural education for students.

EVENTS and ACTIVITIES**Agriculture University (AU), Kota****8th Convocation**

Agriculture University, Kota organized its 8th Convocation on 19 June 2025. The Hon'ble Governor of Rajasthan and Chancellor of the University, Shri Haribhau Bagde ji chaired the convocation and awarded degree to 287 Bachelors, 44 Masters and 12 Ph.D. students including 14 gold medals for the academic session 2023-24 in the faculties of Agriculture, Horticulture and Forestry. Hon'ble Governor advised the students that they should use the knowledge, education and research received from the university with dedication not only for yourself but also for the development of the society and the nation. Dr J.P. Sharma, former Vice Chancellor, Mohanlal

Sukhadia University, Udaipur, was the Convocation Guest. On this occasion, Hon'ble Chancellor released five booklets related to *Successful Agripreneurs* and one *Swarn Jayanti Mashal* Booklet. Besides, five new crop varieties, Kota Deshi Chana 4, Kota Deshi Chana 5, Kota Deshi Chana 6, Kota Masur 5 and Kota Barani Alsi 7 were dedicated to the nation. AUK Mall in the University Campus, library building in the College of Horticulture and Forestry, Jhalawar, Seed storage godown at Agricultural Research Station, Kota were also inaugurated and the foundation stone of the main road and entrance gate of College of Agriculture, Kota was laid. Dr Abhay Kumar Vyas, Vice Chancellor presented the progress report of the university.



8th Convocation Programme Chaired by Hon'ble Governor Rajasthan

Training on Administrative and Financial Management for Senior Officers

Agriculture University, Kota organized 4-day training program for senior officials on Administrative and Financial Management from 22 to 25 April 2025, which was participated by 39 Directors, Deans, and Professors of the University.



Training on Administrative and Financial Management for Senior Officers

Anand Agricultural University (AAU), Anand

State level technical meeting on vegetable crops

A State-Level Technical Meeting on Vegetable Research was convened on 31 May 2025 at the Main Vegetable Research Station, Anand Agricultural University, Anand. The inaugural session was conducted at the Vice Chancellor's Conference Hall, University Bhavan, AAU, Anand. Shri K. J. Vekariya, Agriculture Officer, MVRS, formally welcomed all committee members and invited Dr R. R. Acharya, Research Scientist (Veg.) and Head, MVRS, to extend gratitude to Dr K. B. Kathiria, Vice

Chancellor and Dr M. K. Jhala, Director of Research and Dean PG Studies and gave a concise overview of the recent research advancements as well as achievements at MVRS. Dr M. K. Jhala highlighted the significant contributions of Anand Agricultural University in the domain of vegetable crop improvement and expressed appreciation for the dedicated efforts of the scientific staff. Dr K. B. Kathiria, Vice Chancellor elaborated on the strategic breeding objectives and future prospects pertaining to key vegetable crops such as okra, brinjal, tomato, chilli and various cucurbitaceous species. He also emphasized the importance of inter-institutional germplasm exchange to enhance genetic diversity and collaborative research across universities. Subsequently, the scientists from JAU, Junagadh; NAU, Navsari and SDAU, S. K. Nagar along with AAU, Anand were engaged in detailed deliberations regarding the future technical framework for evaluation trials of vegetable crops under various state-level experimental programmes.



Glimpses of the meeting

Dr Rajendra Prasad Central Agricultural University (Dr RPCAU), Pusa

- School of Agribusiness and Rural Management organized a 6-day Training Programme (2-7 May 2025) on Strengthening Entrepreneurs through Scientific Methods in Honey Production and Value Addition. This initiative, is part of the project Prospering Litchi Honey Development through Geographical Indication in Bihar, which is sponsored by National Bee Board under the National Beekeeping and Honey Mission III. Farmers (50) from different corners of Bihar participated in this training programme where they explored— Scientific beekeeping technique for sustainable livelihood, and modern marketing, branding strategies through GI interventions.
- Minister of State for Agriculture & Farmers Welfare, Shri Ramnath Thakur, reviewed the progress of Dr RPCAU, Pusa, and KVK, Jale (Darbhanga) on 16 May 2025. The Vice-Chancellor presented key achievements of KVK, highlighting



impactful work in farmer-outreach and innovation. The review was attended by several dignitaries, including the Director of Research, RPCAU. The Minister appreciated the efforts and encouraged continued advancement in agricultural development.



- A National Seminar on *Litchi Diversity and GI-Based Litchi Honey* was organized at Dr Rajendra Prasad Central Agricultural University, Pusa, in collaboration with ICAR–NRC on Litchi, Muzaffarpur, and sponsored by the National Bee Board under NBHM’s Mini Mission-III on 24 -25 May 2025. The event was graced by Vice-Chancellor Dr P.S. Pandey, Chief Guest Dr Prabhat Kumar (Horticulture Commissioner, GoI), and Dr Bikas Das (Director, ICAR-NRC Litchi). Over 300 stakeholders including scientists, students, and farmers participated. The seminar featured exhibitions, expert lectures on production, value addition, and export, and concluded with a litchi-eating competition.
- The Ministry of Agriculture and Farmers’ Welfare has launched the nationwide pre-*Kharif* Viksit Krishi Sankalp Abhiyan from Dr Rajendra Prasad Central Agricultural University, Pusa. Minister of State Shri Ram Nath Thakur inaugurated the campaign in the presence of Vice-Chancellor Dr P.S. Pandey. Teams (174) were formed in Bihar and Jharkhand to reach 9.75 lakh farmers, with 130 teams in Bihar targeting 6.5 lakh farmers. At the university, 38 teams of scientists will visit 3 villages daily to connect with 1.90 lakh farmers. The campaign aims to deliver advanced agricultural technologies directly to farmers. Leaders emphasized the importance of field-based research and the university’s commitment to farmers’ welfare.
- Union Minister of Agriculture and Farmers’ Welfare, Shri Shivraj Singh Chouhan, interacted with thousands of farmers at the Krishi Vigyan Kendra, Piprakothi, East Champaran, under the Viksit Krishi Sankalp Abhiyan on 2 June 2025. He appreciated the efforts of Dr Rajendra Prasad Central Agricultural University and laid foundation stones for various development projects, including a girls’ hostel at the Pandit Deendayal Upadhyay College of Horticulture and Forestry. Dignitaries present included Dr Raj Bhushan Chaudhary (Union Minister of State for Jal Shakti), Shri Radha Mohan Singh (MP and former Union Agriculture Minister), Shri Krishna Nandan Paswan (Minister, Sugarcane Industry, Bihar), Shri Pramod Kumar (MLA), Dr P.S. Pandey (Vice-Chancellor, Dr Rajendra Prasad Central Agricultural University), and Dr Anjani Kumar (Director, ICAR-ATARI).



- The World Environment Day was celebrated on June 5 at Dr Rajendra Prasad Central Agricultural University (RPCAU), Pusa (Samastipur), with a tree plantation drive organized within the university campus. Vice-Chancellor, Dr P.S. Pandey, along with faculty members and students, actively participated in the initiative. The event showcased the university's unwavering commitment to environmental sustainability and its efforts to raise awareness about ecological conservation.



Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana

Seminar on Art of Writing Winnable Research Proposals and Manuscripts

The Directorate of Research of the University hosted a seminar on **The Art of Writing Winnable Research Proposals and Manuscripts** to equip researchers with the skills and knowledge necessary to craft compelling research proposals and manuscripts. Dr P.S. Brar, Director of Research highlighted the importance of research projects for the academic growth and professional recognition of the institutes. Dr J.P.S. Gill, Vice-Chancellor interacted with the participants and apprised them with mastering the art of budgeting and its impact in grant proposals. Dr Gill also shared his experiences as a research review panel member of the various funding organizations and motivated the participants to write the innovative research proposals and quality manuscripts. The seminar featured expert talks from renowned researchers and academicians. Dr J.S. Bedi, Director, Centre for One Health talked about the strategies for crafting persuasive grant proposals that capture the attention of funding agencies. Dr R.S. Sethi, Additional Director of Research, provided researchers with valuable guidance on strengthening research proposals through partnerships within the institutes as well as making network with other research organizations. Dr Aruna T. Kumar, Former Editor of *The Indian Journal of Animal Sciences*, ICAR and invited speaker discussed the tips for writing clear, concise, and impactful manuscripts for publication in high impact journals.



Workshop on Identifying the Needs of Livestock Farmers in Punjab

The University organized workshop on Identifying the Needs of Livestock Farmers in Punjab at Centre for One Health, in collaboration with National Institute of Animal Biotechnology (NIAB), Hyderabad, under the MILAN initiative. Dr J.P.S. Gill, Vice-

Chancellor, presided over the multi-stakeholder workshop, and underscored the evolving role of livestock farmers in Punjab. Dr Gill emphasized the need for collaborative efforts to translate scientific knowledge into practical solutions at the grassroots level. Dr J.S. Bedi, Director, Centre for One Health and organizing secretary of the event, highlighted the Centre's mission to work at the animal-human-environment interface through stakeholder-driven programmes. Dr Taru Sharma, Director, NIAB, shared insights into the objectives of the MILAN programme and stressed the importance of institutional partnerships in addressing regional livestock challenges. The technical sessions included expert lectures by Dr R.S. Grewal, Director of Extension Education, and Dr Parminder Singh, Additional Director of Extension Education. A total of 100 participants attended the programme.

Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

Akti festival celebrated in Agricultural University

Vice Chancellor Dr Chandel prayed to Thakur Devta in the research field and wished for a good harvest Raipur, 30 April 2025. On the auspicious occasion of Akti festival, the major agricultural festival of Chhattisgarh, Vice Chancellor of IGKV, Dr Girish Chandel started new farming activities by worshiping Thakur Devta in the University Research Field. Vice Chancellor Dr Girish Chandel also planted paddy seeds with a seed drill by driving a tractor on the occasion of Akshaya Tritiya. He himself operated and demonstrated the technique of accurately spraying fertilizers and pesticides through drones in the field. Akti festival was also organized in all the colleges, Krishi Vigyan Kendras and Research Centers operating under Indira Gandhi Agricultural University.



Training Programme on Animal Livestock

A training programme (16-day) on Accredited Agent for Health and Extension of Livestock Production (A-HELP) was inaugurated on KVK Raipur on 19 June 2025. Under the training program, 25 *Pashu Sakhis* (Women Livestock Volunteers) were provided both theoretical and practical training so that they can serve as a bridge between the rural communities and the Department of Animal Husbandry. The goal is to enable them to treat minor animal illnesses at the village level, carry out vaccinations, artificial insemination and other tasks, besides spreading awareness about animal nutrition and overall animal health.



National Mango Festival

A 4-day National Mango Festival organized under the joint aegis of Indira Gandhi Agricultural University, Raipur, Directorate of Horticulture and Field Forestry, Chhattisgarh Government and Nature Ki or Society concluded on 9 June 2025. The Minister of Agriculture Development and Farmer Welfare and Biotechnology of the State Government, Shri Ramvihar Netam was the chief guest of the closing ceremony. Forest and Environment Minister Shri Kedar Kashyap, Health and Family Welfare Minister Shri Shyam Bihari Jaiswal, Revenue and Sports and Youth Welfare Minister Shri Tankaram Verma, Women and Child Development Minister Smt Laxmi Rajwade, Chairman of State Seed and Agriculture Development Corporation Shri Chandras Chandrahar, Chairman of Chhattisgarh Building and Other Construction Workers Welfare Board Shri Ram Pratap Singh, and Chairman of State Backward Classes Commission Shri R.S. Vishwakarma were present as special guests. The ceremony was presided over by Dr Girish Chandel, Vice Chancellor of Indira Gandhi Agricultural University. On this occasion, mango producing farmers and institutions who received awards in various mango varieties under the mango exhibition organized in the National Mango Festival were awarded. Progressive farmers who made significant contribution in the field of mango production in Chhattisgarh were also honored.



Glimpses of Mango Festival

Doing yoga every day helps in achieving mental concentration, self-confidence and physical health

On the occasion of the 11th International Yoga Day, a state level Yoga Day program was organized on 21 June 2025 at the Indira Gandhi Agricultural University campus under the joint aegis of the District Administration and Social Welfare Department, Raipur on the theme Yoga for One Earth, One Health, under the chief hospitality of Chhattisgarh Governor Shri Ramen Deka. MLAs Shri Purandar Mishra, Shri Sunil Soni, Shri Anuj Sharma and Shri Naveen Agarwal, Chairman District Panchayat, and Vice Chancellor of Indira Gandhi Agricultural University.



Six-day drone workshop

Conclusion of six-day training program on the use and maintenance of agricultural drones was held on 7 June 2025 by the joint aegis of SVCAET, IGKV, Raipur (Chhattisgarh) and Catalyst Foundation, Raipur. Dr Girish Chandel, Vice Chancellor, IGKV was present as Chief Guest. He said that the trainees will do wide publicity of this technology among the farmers. Dr S.S Tuteja, Director Extension, Dr A.K. Dave, Dean College of Food Technology, Dr Vinay Kumar Pandey, Dean, SVCAET, Raipur, Dr Jitendra Sinha, Dean College of Agriculture, Mungeli and Mr Pushpraj Pandey, President, Ketalist Foundation, Raipur were present. The training was attended by 30 participants.



Professor Jayashankar Telangana Agricultural University (PJTAU), Hyderabad

- **Quality Seed to Every Village (QSEV):** A pioneering initiative launched by Professor Jayashankar Telangana Agricultural University on the occasion of Telangana Formation Day, 02nd June 2025. This programme is designed to enhance seed security, sustainability and agricultural productivity across Telangana by ensuring timely availability of quality assured seed at the village level. Under this flagship programme, 35,000 seed kits were distributed to an equal number of farmers, reaching 10,909 villages spread across 588 mandals in all 32 districts of Telangana.

Punjab Agriculture University (PAU), Ludhiana

- Skill-based trainings (13) were conducted on sustainable agriculture, nutrition, and micro-enterprise development. Awareness camps (3) were organized to promote climate resilience, nutrition security, and Government schemes. One need-based technology was developed and demonstrated for easy community adoption. Self-Help Groups (4) were trained in entrepreneurship, leadership, and group management.
- Online training on the usage of ONOS (One Nation One subscription) online e-journal portal by Library Faculty. Lectures on ONOS and other online services to PAU faculty and PG students at all Colleges and Departments, KVKs and Research stations of PAU for maximum utilization of e-resources through this platform by Library faculty. Training of Library in-charges of Regional Research Stations/ KVK's for automated issue and return of books along with automation of libraries of KVKs and Research Stations, were completed.
- National Convention on Safeguarding Our Food: Ensuring Food Safety and Quality Assurance was organized on 22.04.2025 by Department of Food Science and Technology, Punjab Agricultural University, Ludhiana. More than 300 participants attended the convention.

Lead speakers were—Dr Bimlesh Mann, ADG, Agric. Education, ICAR, New Delhi; Dr Satbir Singh Gosal, Vice Chancellor PAU, Ludhiana; Dr Jatinder Paul Singh, Vice Chancellor, GADVASU, Ludhiana.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

- **International Representation:** Faculty Attends Global Symposium in Tanzania:

In a proud moment for SKUAST-Jammu, three senior faculty members represented the university at an international platform. Dr P. K. Rai, Professor, Soil Science and Agricultural Chemistry; Dr Lakshmi Kant Sharma, Professor, Agricultural Extension Education; and Dr Anil Bhat, Associate Director Research, attended the International Symposium on Mechanization for Sustainable Intensification held in Tanzania during April 2025. Their participation as expert delegates reflects SKUAST-J's active engagement in global dialogues on sustainable agricultural technologies and its commitment to international academic collaboration.

- SKUAST-J organized a national conference entitled National Congress of Entomology and Emerging Agrotechnologies (NCEEA-2025), under Entomological Science Academy (ESA) in collaboration with IIT Jammu from 27 to 29 June 2025 at Sanasar.

Tamil Nadu Agricultural University (TNAU), Coimbatore

68th Annual Maize Workshop

The Centre for Plant Breeding and Genetics, TNAU, Coimbatore and ICAR- Indian Institute of Maize Research, Ludhiana, jointly organised the Annual Maize Workshop (AICRP on Maize) from 10 - 12 April 2025 at TNAU, Coimbatore. During the 3- day event, the deliberations were held on maize research and development across India, development of AICRP technical program for crop improvement, crop management and crop protection for future experiments, discussions on thrust areas with

public and private collaboration including international collaborative works with CYMMIT. The Deputy Director General (Crop Science), Dr D.K. Yadav insisted on the importance of maize research for the development of high yielding hybrids, seed production and collaborative institutional research for meeting growing demand of maize for biofuel industries, feed and food sectors. Dr R. Thamizh Vendan, Registrar, TNAU in his Chief Guest address wished all the maize scientists for their significant achievements in the past one year and briefed the importance of maize in biofuel



68th Annual Maize Workshop

industries. Dr S.K. Pradhan, ADG (Food and Fodder Crops), threw light on the genetic improvement and possibility of traits improvements in maize for biofuel, feed as well as fodder and the need for improving the existing gene pool for this purpose. Dr H.S. Jat, Director, ICAR-IIMR in his inaugural presentations informed the house that, maize crop is having the potential to yield up to 12-15 tonnes/ha with improved cultivation practices. The Project Advisory Management Committee Chairman, Dr Sain Dass addressed the gathering. The members Dr S.K. Guleria and Dr R.K. Pannu participated in the deliberations along with Dr R. Ravikesavan, Director (CPBG) and Organising Committee Chairman, in the inaugural function. The PAMC members and Director IIMR critically evaluated the progress of work done in 34 AICRP centres on the first day and the second day focused on the development strategies for technical program. Scientists (254) from AICRP on Maize as well as Private sector from all over the country participated. In concluding session, AICRP Principal Investigators of various discipline presented the technical program for 2025-26 and ahead. ICAR distinguished delegates and PAMC chairman spoke in the concluding session. Dr S. Sivakumar, Organising Secretary, AMW 2025 proposed vote of thanks.

Skill Training on Coconut Grower, Primary Processing and Value Addition

At the KVK, Kanyakumari 5- day skill training was organized on Coconut grower primary processing and value addition, sponsored by Tamil Nadu Skill Development Corporation (TNSDC) to unemployed youth under Naan Mudhalvan Finishing School Programme, from 25.06.2025 to 01.07.2025. The Programme Coordinator of KVK, Dr S. Suresh inaugurated the training and insisted on the importance and



Skill Training on Coconut Grower

benefits of skill training among the participants. The special address was delivered by the Assistant Director, TNSDC, Nagercoil, Mr Lekshmi Kandan who also created awareness and provided information on skill training programmes available for rural youth. The technical sessions on improved coconut varieties, nursery production, soil health management, cultivation practices, plant protection, processing and preservation technology of coconut, importance of coconut value addition, nutritive value of various products, export potentials and FSSAI licensing, were handled by KVK scientists and experts. During the skill training, the trainees practiced the preparation of vinegar from coconut water, preparation of virgin oil, coconut kernel based value added products such as protein enriched coconut burfi, dehydrated coconut, coconut chocolate, coconut laddoo, tender coconut water based products such as jelly making, tender coconut beverage, tender coconut water and flesh based *payasam*, coconut husk and shell based handicrafts making. Technologies like root feeding of TNAU Coconut tonic, harvesting using coconut climber, mass multiplication of bio agents like *Bacillus subtilis* and cococon, coir pith compost

preparation, vermicomposting using coconut wastes were also demonstrated. The Kanyakumari District Collector, Mrs R. Alagumeena, IAS interacted with the trainees in online mode during the valedictory programme. The training programme was organized by Dr S. Nazreen Hassan, SMS (Agric. Extension) and Dr J. Selvi, SMS (FSN).

International Conference on Ornamental Horticulture

The Department of Floriculture and Landscape Architecture of the Horticultural College and Research Institute, Tamil Nadu Agricultural University, Coimbatore, organized the International Conference on Ornamental Horticulture (ICOH-2025) under the theme 'From Science to Society, jointly with the Society for Promotion of Horticultural Science and Technology (SoPHoSST), HC&RI, TNAU, Coimbatore during 26 to 28 June 2025. Organizing Secretary of the Conference Dr M. Ganga welcomed the gathering and highlighted that the prime objective of the



**International Conference on
Ornamental Horticulture**

Conference was to unite scientists, breeders, landscapists and growers of flower and ornamental crops to discuss prime aspects in these areas. The Registrar and Acting Vice-Chancellor of TNAU, Dr R. Tamizh Vendan, inaugurated and delivered presidential address. The Controller of Examinations of TNAU and Dean (Hort.) Dr V. Balasubramani felicitated the gathering. The Director, ICAR-Directorate of Floricultural Research, Pune, Dr K.V. Prasad as Chief Guest of the inaugural session delivered the Keynote Lecture in which he focused on research priorities in floriculture. Dr M. Jawaharlal, Dean, SRM College of Agric. Sciences and the Former Dean (Horticulture), TNAU, Coimbatore and Dr N.K. Dadlani, Former Director of Horticulture, Government of India and International Floriculture Expert delivered special addresses as the Guests of Honour. The conference had five technical sessions falling under the themes advancements in genetics, breeding, biotechnology and omics technologies; developments in crop propagation, production and protection; advancements in post-harvest physiology, phytochemistry and value-addition; sustainable strategies in landscape gardening; and connecting with stakeholders of the floriculture and landscaping sector. Delegates (200) from 13 states of India and 6 foreign nations including the Netherlands, France, Dubai, Singapore, US and UK participated in the conference. The participants belonged to various categories including research scholars, scientists, flower growers and industry representatives. An exhibition on floral wealth and floriculture value addition was arranged for the benefit of the scientific community.

Tamil Nadu University of Veterinary and Animal Science (TANUVAS), Chennai

- A Farmer's Awareness programme on Management and Control of tick- and tick-borne diseases and Mastitis in dairy cattle, was conducted at Farmers Training Centre, Kancheepuram on 23.04.2025 as part of Schedule Caste Sub Plan (SCSP) of the ICAR funded All India Network Project on Challenging and Emerging Diseases of Animals (Theileriosis) functioning at Translational Research Platform for Veterinary Biologicals (TRPVB), TANUVAS. Dairy farmers (25) from Kancheepuram district attended the programme and received inputs.
- TANUVAS conducted two stakeholders workshops to identify the research priorities of the livestock sector in different regions of the state. The first workshop was held at Kalavai village, Ranipet district on 02.05.2025, and the second workshop was held on 21.05.2025 at Veterinary College and Research Institute, Tirunelveli. Totally 60 farmers participated in these workshops.
- A state level workshop on Enlightening the farmers on various financial support to empower sheep and goat farming in Tamil Nadu, was organized at Veterinary University Training and Research Centre, Salem on 29.05.2025 benefitting 94 farmers.
- College of Poultry Production and Management (CPPM), Hosur, TANUVAS organized series of 7 one-day training programmes from January to May 2025, across various districts in Tamil Nadu under the ICAR-AICRP (Poultry Breeding) – SC Sub-Plan, for empowerment of Scheduled caste and tribal farmers.



Series of 7 one-day training programmes from January to May 2025 under ICARAICRP (Poultry Breeding) – SC SubPlan benefitting SCST farmers.

- One-day capacity-building workshop was held on 28.05.2025 at Mecheri Sheep Research Station, Pottaneri as part of ICAR-AICRP on Salem Black Goats. Thirty farmers participated in the program and received inputs.



Capacity building workshop at Mecheri Sheep Research Station, Pottaneri on 28.05.2025 benefitting farmers

- National Symposium on Canine Common Emergencies and Critical Care was organized on 09.04.2025 by Madras Veterinary College, Chennai, and 147 participants from TANUVAS and other National Institutions attended the symposium.



National Symposium on Canine Common Emergencies and Critical Care, held at Madras Veterinary College on 09.04.2025

- An international conference was organized by Madras Veterinary College, Chennai during 26-28 June 2025 on Transforming Livestock and Rural Development: A Paradigm Shift in Teaching, Research and Extension. Delegates (120) from Veterinary colleges affiliated to State Veterinary Universities, and State Agricultural Universities, ICAR, GoI, Private / Deemed University, and Entrepreneurs attended the conference. Keynote speakers and their topics were as follows:
 - Ram Pratim Dek, International Livestock Research Institute (ILRI), New Delhi: Keynote Address.
 - Aaron S. Gross, Director, Center for Food Systems Transformation, University of San Diego, USA: Ethical Eating: The Role of Veterinarians.
 - K.M.H.G. Sarath Priyantha, Director, Livestock Planning and Economics, Department of Animal Production & Health, Sri Lanka: Emerging trends and patterns of transforming Livestock and Poultry Sectors - Veterinary Extension perspective from Sri Lanka.

- Kadirvel Govindasamy, Director, ICAR-Agricultural Technology Application Research Institute, Zone-VI, Guwahati: Innovation and Start-up Ecosystem: Key for Transforming Livestock Sector.
- Elizabeth Abraham, Visiting Assistant Professor, St. Olaf College, Minnesota & Adjunct Professor, University of Wisconsin, River-Falls, USA: Moving Beyond Reductionism: Promoting Systems Thinking as a Pedagogical Approach Through Concept Mapping.
- Krithika Srinivasan, Professor of Political Ecology, The University of Edinburgh, United Kingdom: Concepts, Interventions, and Strategies for Enabling Healthy Multispecies Habitats: Evidence from the ROH Indies Programme on rethinking Rabies Research and Practice.
- Intan Noor Aina Kamaruzaman, Faculty of Veterinary Medicine, Universiti Malaysia Kelantan, Malaysia: Exploring Virtual Reality applications in Veterinary Medicine: enhancing Education, Diagnosis, and Treatment.
- Mohd Farhan Hanif Reduan, Faculty of Veterinary Medicine, Universiti Malaysia Kelantan, Malaysia: Addressing Equity and Economic Issues Through Inclusive Community-Based Approaches: A Case of Village Chicken Rearing for Poverty Alleviation Among the Disabled in Kelantan, Malaysia.
- Ravikumar R K., Scientis-F and Head- VARD Human Health & Veterinary, National Innovation Foundation, India, Gandhinagar, Gujarat: Health services -Empirical evidences for SDG and Scalability.
- Ganesh Thotta Narasimhalu, Clinical Fellow, Faculty of Veterinary Medicine, University Malaysia Kelantan, Malaysia: The multifaceted role of pet animals in rural development and community well-being: Are we doing enough for the rural pet health care and education?
- S. Ramkumar, Former Dean, RIVER, Puducherry: Potentials of the rapidly influential Extension tool.
- D. Thammi Raju, Principal Scientist, ICAR- National Academy of Agricultural Research Management, Rajendranagar, Hyderabad: Harnessing AI and ML in Animal Husbandry: Opportunities and Road Ahead.
- Malvika Chaudhary, PlantwisePlus Global Team Leader- Digital Product Usage, CABI: CABI digital extension experiences through PlantwisePlus and its potential application for one health-sub-sectors.
- K. C. Veeranna, Vice-Chancellor, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar, Karnataka: Innovative extension approaches for sustainable livestock production.
- T. P. Sethumadhavan, Professor, Transdisciplinary University of Health Sciences and Technology, Bengaluru: Futuristic approaches to livestock extension: pathways to global sustainability and funding.

University of Agricultural Sciences (UAS), Bengaluru

The 59th Convocation was held on 15.05.2025, during which 1,271 students who passed out in the academic year 2023-24 were conferred with various degrees. Gold Medals (150) and Certificates were awarded to 63 students where 38 UAS-B Gold Medals, 12 Campus Gold Medal and 76 Donors Gold Medals, and 24 Donors Gold Medal Certificates.



Raitha Santhe

The University of Agricultural Sciences, Bengaluru organized Raitha Santhe on 26 April 2025, 24 May 2025 and 28 June 2025 at GKVK Campus, Bengaluru to educate the general public and farmers about the activities and products of the University. More than 20,000 public and farmers participated in each santhe and 93 farmers and SHGs exhibited their products.



Discussion with entrepreneur by Dr S.V. Suresha Vice Chancellor UAS-B and Key Officers in Raitha Santhe

Trainings

- Certificate course on Integrated Nutrient Management was organized by UAS, Bengaluru during 09 to 23 May 2025 at KVK, Bengaluru rural district with 29 participants.
- Institute of Baking Technology and Value Addition center, GKVK, Bengaluru conducted 14- Week Certificate Course in Baking Technology from 02.04.25 to 09.07.25 for 39 participants, and also 4- week Baking Course (3 no.) on 07.04.25 to 02.05.25, 05.05.25 to 30.05.25. 02.06.25 to 27.06.25 for 91 participants.

Land Resource Inventory Conference

A National Conference on Land Resource Inventory (LRI) for Sustainable Watershed Management, was held at UAS, Bengaluru, from 3 to 5 June 2025. Delegates from DoLR, World Bank, NRAA & PMU, State Level Nodal Agencies, REWARD implementing officers from Karnataka and Odisha, REWARD technical consortium partners, UAS scientists and others were benefited.

Workshop on cost of cultivation Scheme

The National Workshop on the Cost of Cultivation Scheme (CCS), was organized from 26 to 27 June 2025 in the UAS, GKVK, Bengaluru. In this workshop delegates from

Ministry of Agriculture and Farmers' Welfare, GoI and 19 Implementing agency comprising Honorary Directors, Field Officers, Assistant Statisticians, Field Supervisors, and Field Investigators across the country were present.

Shri Devajit Khound, Principal Economic Adviser, MSP unit, Ministry of Agriculture and Farmers' Welfare, GOI inaugurating National Workshop



Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

53rd State-Level Joint Agresco-2025 Meeting

The 53rd State-Level Joint Agricultural Research and Development Committee (Joint Agresco-2025) Meeting was jointly organized by VNMKV, Parbhani and the MCAER, Pune from 29 to 31 May 2025 at VNMKV, Parbhani. Shri Devendra Fadnavis, Chief Minister of Maharashtra inaugurated the event. The programme was presided over by Adv. Manikraoji Kokate, Minister of Agriculture and Pro-Chancellor of the University. The event was graced by Smt Meghnatai Sakore-Bordikar, Minister of State and Guardian Minister of Parbhani District, and Adv. Ashish Jaiswal, Minister of State for Agriculture, who attended as the Chief Guest. Distinguished dignitaries present on the occasion included the MP Shri Sanjay Jadhav; Executive Council Members MLC Satish Chavan, MLA Dr Rahul Patil, MLA Dr Ratnakar Gutte, MLA Shri Rajesh Vitekar; EC Members Shri Pravin Deshmukh, Dr Aditi Sarada, Shri Bhagwat Devsarkar; Principal Secretary (Agric.) Shri Vikas Chandra Rastogi (IAS); Director General, MCAER, Pune Shri Raosaheb Bhagde (IAS); Agriculture Commissioner Shri Suraj Mandhare (IAS); Project Director (PoCRA) Shri Parimal Singh; and Dr Indra Mani (VC, VNMKV, Parbhani), Dr Sharad Gadakh (VC, PDKV, Akola & MPKV, Rahuri), and Dr Sanjay Bhawe (VC, BSKKV, Dapoli), MCAER Executive Member Shri Vivek Damle, senior officers of the district administration, and university officials. The valedictory session was graced by Shri Pasha Patel, Chairman, State Agricultural Prices Commission. The meeting witnessed active participation from more than 300 agricultural scientists. After presentation by scientists and thorough discussion, 25 new crop varieties, 18 farm machines and implements, and 225 crop production technologies were officially released by the four State Agricultural Universities of Maharashtra for the benefit of farmers.



Inauguration of JOINTAGRESKO 2025 Meeting

Kharif Peek Parisamvad & Agricultural Exhibition

The Directorate of Extension Education, VNMKV, Parbhani, in collaboration with the Department of Agriculture (Government of Maharashtra), organized a *Kharif Crop Dialogue (Kharif Peek Parisamvad)* and Agricultural Exhibition on 18 May 2025, on the occasion of the 53rd Foundation Day of VNMKV, Parbhani. The programme was inaugurated by Minister of State and Guardian Minister of Parbhani District, Smt Meghna Sakore-Bordikar and Vice Chancellor Dr Indra Mani presided over the function. Distinguished guests present on the dais included Shri Umakant Dangat, Former Commissioner (Agric.); Shri Dilip Deshmukh, Shri Bhagwat Devsarkar, Executive Council Member; progressive farmers Shri Dada Lad, Shri Chandrakant Varpudkar, and Mr. Sudhir Agarwal, along with senior university officials. In her address, Smt. Meghna Sakore-Bordikar appreciated the university's initiative of adopting 500 farmers in the district to support their upliftment through the adoption of university-recommended best agricultural practices. She emphasized the importance of empowering women in agriculture and noted that the UN has declared 2026 as the International Year of Women Farmers. She also announced a plan to establish 100 small and medium enterprises in Parbhani, with the vision of developing the district into a hub for food processing. Vice Chancellor Dr Indra Mani, in his presidential address, reaffirmed the university's commitment to farmer welfare under the motto *Shetkari Dev Bhava*. He highlighted the focus on increasing farmers' income, promoting technological innovations, and improving rural livelihoods. During the technical sessions, university scientists and progressive farmers provided guidance on *kharif* crop management, covering topics such as soybean, pigeon pea, cotton, sorghum, millets, as well as pest- and disease- management and climate resilience. The Agri Exhibition showcased the varieties and technologies developed by VNMKV. The event witnessed enthusiastic participation, with over 3,000 farmers benefitting from the knowledge-sharing and technology demonstrations. There was a tremendous response from farmers for purchasing seeds of the university-developed varieties.



Inauguration of *Kharif Peek Parisamvad & Agricultural Exhibition*

MoUs

Agriculture University (AU), Kota

- MoU with Information and Library Network Centre an IUC of University Grants Commission, Infocity, Gandhinagar: A strategic partnership agreement signed between AU, Kota and Information and Library Network Centre for submission and access the electronic theses and dissertations through Shodhganga / Shodhgangotri.

- Flexible Memorandum of Understanding between Swadeshi Shodh Sansthan, Delhi; University of Agder, Norway; Indira Gandhi National Tribal University, Amarkantak (Madhya Pradesh); Indian Agricultural Research institute (IARI), New Delhi, and Agriculture University, Kota, was signed for cooperation in Joint policy Programme for *Bharat@2047*, *Har Ghar Swadeshi* and *Har Yuwa Udyami Swadeshi Jivan Shaily*, Policy Framework etc.

Anand Agricultural University (AAU), Anand

AAU inks MoU with Gujarat Knowledge Society

College of Food Processing Technology and Bio Energy (CFPTBE), AAU, Anand and Gujarat Knowledge Society (GKS) signed a Memorandum of Understanding (MoU) on 13 May 2025 under SSIP 2.0, to foster innovation and entrepreneurial spirit among students. This will support student-led startups and idea development on campus. As part of the initiative, the Education Department, Government of Gujarat, sanctioned a grant of ₹40 lakh for two years. The MoU marks a significant step in strengthening the student startup ecosystem in the agri-food domain at the university.

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana

Indo-German Veterinary Science Workshop

Dr R.S. Sethi, Additional Director of Research, attended the InDeVet workshop held in Leipzig, Germany, from April 28-30, 2025. The workshop, sponsored by the Indo-German Science and Technology Centre, aimed to strengthen the Indo-German collaboration in veterinary sciences, with a special focus on leveraging artificial intelligence (AI) to advance animal health. Dr J.P.S. Gill, Vice-Chancellor joined the workshop online and informed that GADVASU signed the Memorandum of Understanding (MoU) with three German Universities and two Indian Universities to establish the Indo-German Partnership for Veterinary Education and Research (InDeVet) to strengthen veterinary education, research, and practice in both India and Germany. University's engagement at this high-level platform will contribute to shaping strategic partnerships and advancing cutting-edge solutions in animal health, benefiting both India and global veterinary science communities.



Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

IGKV signed MoU with Catalyst Foundation

In recognition to the growing significance of drone technology in agriculture, IGKV signed a Memorandum of Understanding (MoU) with Catalyst Foundation on 25 April 2025 to boost research, innovation and outreach in agriculture sector. The agreement aims to provide hands-on training in drone operation, maintenance, and overhauling to students, youth and farmers associated with the university. Training sessions, ranging from seven to ten days are expected to open up new employment avenues for trainees in the rapidly evolving agricultural drone sector. The MoU signing ceremony was held in the presence of Dr Girish Chandel, Vice-Chancellor IGKV. Dr Vinay Kumar Pandey, Dean, College of Swami Vivekananda Agricultural Engineering and Pushpraj Pandey, President, Catalyst Foundation signed the agreement. As per the agreement, a Remote Pilot Training Organization (RPTO) unit will be established at Agricultural Engineering College, adhering to the guidelines laid out by the Directorate General of Civil Aviation (DGCA). This unit will facilitate drone training and certification for youth across Chhattisgarh.



Dr Chandel with catalyst Foundation official at MoU Signing ceremony

IGKV signed MoU with IIT, Bhilai

An MoU was signed between IGKV and IIT (Bhilai) on 29 April 2025. The five-year agreement was signed between the two institutions for training of students of both the institutions, quality postgraduate research, faculty research and implementation of joint projects for research and technology development. Dr Girish Chandel, Vice Chancellor, IGKV and Dr Rajiv Prakash, Director, IIT, Bhilai signed the MoU. The agreement between two educational institutions of the state will give new direction to research, investigation, innovation and technology development in the state.



IGKV Inked Agreement with Uzbek Institute

The Students of IGKV will now be able to go to Uzbekistan for higher education and research and students of Uzbekistan will be able to study and do research in IGKV. An agreement to this effect was signed on 17 April 2025 between Indira Gandhi

Agricultural University, Raipur Chhattisgarh and Denau Institute of Entrepreneurship and Pedagogy, Denau, Uzbekistan. The bilateral MoU was signed by Dr Girish Chandel, Vice Chancellor of Agricultural University and Prof. Aybek

Roziv, Rector of Denau Institute of Entrepreneurship and Pedagogy, in the online ceremony held in the presence of Ms Smita Pant, Ambassador of India to Uzbekistan.



IGKV and Uzbek Institute officials at MoU signing ceremony

Professor Jayashankar Telangana Agricultural University (PJTAU), Hyderabad

- MoU between BITS Pilani and PJTAU was signed on 25.04.2025 in the presence of Hon'ble Vice-Chancellor of PJTAU Prof. Aldas Janaiah and Prof. V. Ramgopal Rao, Hon'ble Vice-Chancellor, BITS Pilani Group of Institutions along with faculty & other University Officers of PJTAU to promote scientific research, education and technology transfer in Agriculture and Rural Development.



MoU between PJTAU and BITS Pilani Group of Institutions

- A Memorandum of Understanding (MoU) was signed on 30th May, 2025 between PJTAU and ICAR-NMRI (National Meat Research Institute), Hyderabad
- A Memorandum of Understanding (MoU) signed on 16.6.2025 through online between PJTAU and University of Florida Board Trustee (UF), Gainesville, Florida, US.
- A formal exchange of MoU between the Vice Chancellor of PJTAU and Prof. P.V. Vara Prasad, Director, Crop Ecophysiology / Sustainable Intensification Innovation Lab, Kansas State University, USA for collaborative research, student and faculty exchange on 18.6.2025.



Tamil Nadu Agricultural University (TNAU), Coimbatore

MoA with Central Sericulture Germplasm Resource Centre, Hosur

Tamil Nadu Agricultural University signed a Memorandum of Agreement (MoA) with Central Sericultural Germplasm Resource Centre, Hosur for collaborative research on Identification of Promising Mulberry Fruit Yielding Accessions. An agreement was signed by Dr R. Thamizh Vendan, Registrar & Acting Vice-Chancellor, and Dr V. Nishitha Naik, Director (CSGRC), Hosur. Following the MoA signing, Dr V. Nishitha Naik, Director (CSGRC), Hosur and her team engaged in discussions with Dr M. Shanthi, Director (CPPS), Dr K.A. Murugesh, Professor and Head and Dr P. Priyadharshini, Assistant Professor, Department of Sericulture regarding collaborative research work on mulberry fruit yielding accessions. The collaboration is also to explore joint research in identifying promising mulberry fruit yielding accessions and promotion of high value- added mulberry fruit products for commercialization. This partnership also strengthens CSB - academic ties and supports innovation in eco-friendly sericulture practices.



MoA with Central Sericulture Germplasm Resource Centre, Hosur

MoA with Food and Biotech Industries

The Centre of Excellence in Biotechnology (COXBIT), TNAU inked an MoA with Food and Biotech Industries on 30.05.2025 in the presence of Acting Vice-Chancellor and Registrar of TNAU, Dr R. Thamizh Vendan. On behalf of COXBIT, Dr N. Senthil, Director (CPMB&B) signed the Memorandum of Agreement (MoA) with two established companies viz., M/s. Pechi Foods Private Limited, Coimbatore and M/s. Innogreen India Marketing, Madurai for facilitating the knowledge space to develop their research activities.



MoA with Food and Biotech Industries

MoA with M/s Valyria Visions Pvt. Ltd

Tamil Nadu Agricultural University entered into Memorandum of Agreement with Valyria Visions Private Limited, an emerging startup specializing in artificial intelligence (AI) - driven agricultural analytics. The collaboration focuses on the development of AI-based modules for trait prediction in maize crops using TNAU's extensive phenotypic, genotypic, and environmental datasets. This initiative is expected to promote innovation at the intersection of data science and crop science,



MoA with M/S. Valyria Visions Pvt. Ltd

supporting data-driven decision-making for breeders and researchers. The MoA was signed between Dr R. Tamizh Vendan, Acting Vice-Chancellor and Registrar, TNAU, and Mrs Priyadharshini S, Co-Founder and Director, Sri Vishnuvardhan A, Technical Lead of M/s. Valyria Visions Pvt. Ltd on 20.06.2025. The initiative was coordinated and organized by Dr N. Senthil, Director, Centre for Plant Molecular Biology and Biotechnology (CPMB&B), who played a key role in facilitating the partnership.

MoA with M/s Bharath Biofarm LLP

The Centre of Excellence in Biotechnology (COXBIT), TNAU inked a Memorandum of Agreement (MoA) with M/s. Bharath Biofarm LLP, Coimbatore on 26.06.2025 in the presence of Registrar & Acting Vice-Chancellor of TNAU Dr R. Thamizh Vendan. On behalf of Centre of Excellence in Biotechnology (COXBIT), TNAU, Coimbatore for facilitating the cabin space to develop their research activities.



MoA with M /S. Bharath Biofarm LLP

Tamil Nadu Veterinary and Animal Sciences (TANUVAS), Chennai

- A Memorandum of Understanding was signed by TANUVAS with Tamil Nadu Food Professing and Agri Export Promotion Corporation (TNAPEX), Chennai, on 20.05.2025.

University of Agricultural Sciences (UAS), Bengaluru

UAS-B signed following MoUs with different organizations:

- For implementation of project titled Understanding the mechanism of Bio-stimulants in Relieving Viral diseases of papaya with Greenlife Croptech Pvt Ltd, Mysore on 04-04-2025.
- For providing incubation services to innovate and develop technologies and commercialization of agri-based products with Agribotic Systems Pvt Limited, Bengaluru on 22-04-2025 for 3 years.
- For providing incubation services to innovate and develop technologies and commercialization of agri based products with Hasiru Agro Private Limited, Bengaluru on 22-04-2025 for 3 years.
- For providing incubation services to innovate, develop technologies and commercialization of agri based products, exchange of research activities with R-Kay Value Food Pvt. Ltd, Bengaluru on 22-04-2025 for 3 years.
- For providing incubation services to innovate, develop technologies and commercialization of agri based products, exchange of research activities with Kaiza Bio- private Limited Bengaluru on 22-04-2025 for 3 years.
- For providing incubation services to innovate, develop technologies and commercialization of agri based products, exchange of research activities with Ayush Ventures LLP, Bengaluru on 22-04-2025 for 3 years.

- For providing incubation services to innovate, develop technologies and commercialization of agri based products, exchange of research activities with Zurich Foodtech Pvt Ltd, Bengaluru on 22-04-2025 for 3 years.
- For purchasing of corn cob carrier based liquid based biofertilizer manufactured by UASB Next Gen Bio-fertilizer Unit, Department of Agricultural Microbiology, GKVK with M/s Dxbiotics LLP, Tumakuru on 16-05-2025 for 3 years.
- For purchasing of corn cob carrier based liquid based biofertilizer manufactured by UASB Next Gen Bio-fertilizer Unit, Department of Agricultural Microbiology, GKVK with Anantha Agri Private Limited, Bengaluru on 16-05-2025 for 3 years.
- For purchasing of corn cob carrier based liquid based biofertilizer manufactured by UASB Next Gen Bio-fertilizer Unit, Department of Agricultural Microbiology, GKVK with Vayuputra Crop Science, Bengaluru Rural on 16-05-2025 for 3 years.
- For purchasing of corn cob carrier based liquid based biofertilizer manufactured by UASB Next Gen Bio-fertilizer Unit, Department of Agricultural Microbiology, GKVK with C&B Agro Tech Company, Chikamagaluru on 16-05-2025 for 3 years.
- For joint academic, student/ faculty exchange and research activities with Kristu Jayanti College Kothanur, Bengaluru on 18-06-2025 for 3 years.
- For sale of university technology for gluten free roti mix with Narman food Pvt. Ltd., Bengaluru on 11-06-2025 for 1 year.

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

MoU signed with Saguna Rural Foundation, Neral, Raigad

A Memorandum of Understanding was signed between VNMKV, Parbhani and Saguna Rural Foundation, Neral, Tal. Karjat, Raigad, Maharashtra on 30 May, 2025 to work in the fields of education, research and training. This programme was chaired by the Vice Chancellor Prof. (Dr) Indra Mani. The MoU was signed by Dr K.S. Baig, Director of Research and Mr. Chandrashekhar Bhadsawale, Founder of Saguna Rural Foundation. Dr Harihar Kausdikar, Deputy Director of Research & Dr Madan Pendke were present on this occasion. Saguna Rural Foundation, an organization known nationwide for its innovative experiments in natural farming, will provide university students with hands-on training opportunities at Saguna Farm.

IPR

Anand Agricultural University (AAU), Anand

AAU Registered Two Unique Trait Specific Germplasms of Rice and Castor

AAU, Anand, Gujarat, has registered two unique trait-specific germplasms with the ICAR-National Bureau of Plant Genetic Resources (ICAR- NBPGR), New Delhi. These genotypes were recommended for registration during the 54th Meeting of the Plant

Germplasm Registration Committee held on March 24, 2025, at ICAR-NBPGR, New Delhi.

One of the registered germplasms is of rice genotype NWGR-11048, which exhibits resistance to sheath rot, grain discoloration, and rice tungro disease. The other is a castor genotype ANDCP 1601, a NES-type pistillate line, which shows resistance to Fusarium wilt disease.



Certificates of registrations

Dr Rajendra Prasad Central Agricultural University (Dr RPCAU), Pusa

Copyright

Registration No. LD-20250167135;

Title: Innovative Sowing Method of Winter Maize and Vegetable Pea Intercropping



**Professor Jayashankar Telangana Agricultural University (PJTU),
Hyderabad**

Patent Granted for Drone Seeding Device

- The design patent (Patent No. 377707-001) granted on 05.05.2025 for drone seed dispensing device on “Method and system for dispensing multi-varied seeds through multi nozzle aerial seed dispensing device (Aerial vehicles – UAVs)” which was jointly developed by PJTAU, Rajendranagar and M/s. Marut Dronetech Pvt. Ltd, Hyderabad.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

Patent

Prosthetic wheel cast for management of pelvic and Femur fractures in animals (No: 439674-001), Date of grant: 12/06/2025.

Copyrights

- One Copyright granted on Software Order & Circular Panel to SKUAST-Jammu on dated. 19.05.2025 vide IPR no. 6169/2025-co/SW for rapid dissemination of information to end users developed through the scientist of the University.
- Ethno-veterinary practices for the management of mastitis in cattle and buffalo (No: LD-20250164529), Date of grant: 15/05/2025.

Tamil Nadu Veterinary and Animal Sciences (TANUVAS), Chennai

- Patents were granted for the following invention developed by the faculty members of TANUVAS during the reporting period.

Title: Pulsed Electric Field Chamber for Liquid Food Processing – A Prototype, **Patent Number:** 561215, **Date of grant:** 06.06.2025



Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

Following two Patents of VNMKV, Parbhani were granted.

- **Patent title:** AI Plant Disease Detector Device, **Patent (Design) No:** 442096001, **Date of grant:** 26/12/2024.

Patent title: A Microcontroller based Real Time Data Acquisition System Integrated Solar Dryer, **Patent Number:** 565886, **Date of grant:** 01/05/2025.

AWARDS and RECOGNITIONS**Agriculture University (AU), Kota**

Krishi Vigyan Kendra, Kota was awarded by NAAS-Dhanuka Best KVK Award Zone-II by National Academy of Agriculture Science, New Delhi on 05 June 2025 for Excellence in Agriculture Extension.



Best KVK Award by NAAS, New Delhi

Anand Agricultural University (AAU), Anand**AAU ranks 12th among the Agricultural and Horticultural Universities**

Under the dynamic leadership of Dr K. B. Kathiria, Vice Chancellor, AAU, Anand got overall 12th rank in overall University ranking among all Agricultural and Horticultural Universities of India and 1st rank in state of Gujarat for the year 2025, a recent ranking released by Indian Institutional Ranking Framework (IIRF), a leading and authentic educational rating agency. The ranking is prepared by IIRF and Education Post Magazine jointly.



Certificate of Ranking

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana

Women Researchers win Thesis Awards at National Level

Ten Ph.D. and 02 M.V.Sc. researchers of the University received the best Ph.D. and M.V.Sc. Thesis Award(s) at the Award Ceremony-2025 organized by the Women Vet Wing of the India Veterinary Association (IVA-WV) in collaboration with Bihar Animal Sciences University, Patna at Bihar Agricultural Management and Extension Training Institute, Patna. Researchers of the University including Dr(s) Gurjot Kaur Mavi, Monika Thakur, Rashmi Thakur, Sreekala S. Mohandas, Nimbalkar Vidya Gajanan, Samikshya Sarangi, Sundus Gazal, Akshita Chadda, Shikha Chaudhary and Tulumoni Seal got the Best Ph.D. Thesis Award and Dr(s) Habbu Aishwarya Sunder and Enamika Rani bagged the Best M.V.Sc. Thesis Award.



Laurels in All India Inter Agricultural Universities Sports and Games Meet

The students of the University participated in XXII All India Inter Agricultural Universities Sports & Games Meet organized by Acharya Narendra University of Agriculture & Technology Kumarganj, Ayodhya and won four medals, viz., Gold Medals in Basketball (Men) and Badminton (Women), one Silver (Shot Put, Men) and one Bronze medal (Discus Throw, Men). Dr J.P.S. Gill, Vice-Chancellor congratulated the contingent and underpinned that the University students are showing exemplary achievements in sports besides excelling in academics.



Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

Appreciation Certificate

Dr Deepak Sharma, Principal Scientist, Department of Genetics Plant Breeding, IGKV and Nodal Officer for PPVFRA was honored by Professor Ashutosh Sharma, President of Indian National Science Academy on 26th April, 2025 during Intellectual Property Day celebrations at NASC Complex, New Delhi for his exceptional contributions towards the collection, documentation, registration and revival of farmer varieties. Dr Sharma played a pivotal role in registration of approximately 600 farmer varieties, covering cereals, pulses, oilseeds, flowers, fruits and other plants. It is noteworthy that Dr Sharma has facilitated in the submission of registration application for more than



2000 farmers' varieties of 72 crop species for registration under PPVFRA. Through his efforts, farmers of the state have received 17 prestigious Plant This recognition stands as a testament to Dr Sharma's unwavering dedication to agricultural innovation and the preservation of farmers' biodiversity.

Life Time Achievement Award

Dr Deepak Sharma, Principal Scientist, Department of Genetics and Plant Breeding, IGKV, Raipur, was honored with the Life Time Achievement Award at the 60th Annual Rice Research Group Workshop held at the Indian Institute of Rice research (IIRR), Hyderabad, on 28 April 2025 by Dr D.K. Yadava, Deputy Director General (Crop Science), ICAR and Dr R.M. Sundaram, Director, ICAR-IIRR and Project Coordinator, AICRP on Rice. Dr Sharma has dedicated 35 years to significant contributions in the field of rice research.



Best AICRP Centre Award

IGKV, Raipur was awarded as Best AICRP Centre Award. The Rice Comprehensive Research Centre was awarded as best research centre of nation recently and brought laurels to the university as well as state during the 60th Annual Rice Research Group Workshop held at the Indian Institute Rice Research, Hyderabad, on 28 April 2025.



Scientist of the Year Award

Dr S Sasmal, Subject Matter Specialist, KVK, Raipur, IGKV received the Scientist of the year Award by Dr D.P.S. Badwal, President, AEEFWS during the 10th International Conference on Agriculture, Horticulture & Forestry; Pathways, Extension Strategies and Approaches 2025 (ICAHESA, 2025), jointly organized by Vivekanand Global University (ICAR Accredited), Just Agriculture Communication Group and AEEFWS Society at VGU, Jaipur, Rajasthan from 18 to 20 April 2025.



Junagadh Agricultural University (JAU), Junagadh

Best Performing AICRP on Pearl Millet Centre Award

Pearl Millet Research Station, JAU, Jamnagar was honoured as the Best Performing AICRP on Pearl Millet Centre for 2024-25 in the inaugural session of 60th Annual Group Meeting of AICRP on Pearl Millet during 28-30 May 2025, which was held in virtual mode.



Certificate of Best Performing AICRP on Pearl Millet Centre Award

Professor Jayashankar Telangana Agricultural University (PJTAU), Hyderabad

- Rice Research Unit, Rajendranagar was bestowed with the best All India Coordinated Research Project On Rice (AICRPR) Centre - funded **entomology** award for the year 2024-25.
- The ICAR-Indian Institute of Oilseeds Research (IIOR), Rajendranagar, Hyderabad has adjudged the AICRP on Castor at RARS, Palem as the Best AICRP Centre on Castor for the year 2024-25 during the Annual Group Meeting of AICRP on Castor, Sunflower, Sesame and Niger conducted virtually from 22nd to 24th May, 2025.

Punjab Agricultural University (PAU), Ludhiana

- Dr Nitika Sandhu, Molecular Geneticist was awarded the Young Associate Award 2025.
- Best Poster presentation award was won by Ms Sonia (L02021-CS-156-D), a Ph. D. student, in National Seminar on Futuristic Agriculture: Technology, Sustainability and Beyond, organized by Society of Community Mobilization for Sustainable Development, New Delhi held at Central Agricultural University, Imphal, Meghalaya on 22-24 May 2025.
- Biochemistry Students Shine at Intercollege Competition Held at GNE: Students from Punjab Agricultural University (PAU) showcased their talent at GNE'S ACME 2025, an intercollege multi-event competition organized by Guru Nanak Dev Engineering College, Ludhiana on 8 April 2025.

Ms Chahak Jain, a Ph.D. Biochemistry student, secured the Gold medal in the Rangoli competition, while Dilawer Singh Grewal (Integrated M.Sc. Biochemistry) earned the Bronze medal in the Reel Making event.



Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

- SKUAST-Jammu Faculty (Dr Neelesh Sharma, Dr Satish K. Sharma, Dr Balbir Dhotra, Dr Akhil Gupta, Dr Sushmita M. Dadhich, Dr Brij Nandan Singh, Dr Sanjay K. Khajuria, Dr Shalini Suri, Dr Shafiqur Rahman, Dr Vikas Sharma) awarded with Fellow of Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences, Meerut on 16-17 April 2025.
- Dr S. K. Gupta received ISAF Fellowship Award by Indian Society of Agroforestry, Jhansi, Uttar Pradesh on 8 May 2025.
- Dr Vivak M. Arya received Fellow Mobilization Award-2025 by Society for Community Mobilization, New Delhi, in May 2025.
- Prof. Vinod Gupta, Head, Division of Agricultural Extension Education was awarded as Best Extension Professional in the National Conference on Futuristic Agriculture: Technology, Sustainability and Beyond, organized by Society for Community Mobilization for Sustainable Development (Mobilization), New Delhi in association with Central Agricultural University, Imphal at College of Post Graduate Studies in Agricultural Sciences Umiam, Meghalaya, India during 22-24 May 2025. During the conference Prof. Rakesh Sharma, Division of Agriculture Extension Education was also awarded with fellow award by mobilization, New Delhi.
- Megha Abrol Ph.D. student (J-23-D-06-A), Division of Plant Pathology, FOA won second prize in Her-Harvest Women Ideathon organized on the eve of International Women's day 2025 on 27 May 2025.
- Scientists from the Division of Soil Science & Ag. Chemistry, FOA Awarded with the MOBILIZATION Fellow Award by the Society for Community Mobilization for Sustainable Development (MOBILIZATION) during the 12th National Seminar, held in Meghalaya from 22 to 24 May 2025.

Tamil Nadu Agricultural University (TNAU), Coimbatore

Governor's Award for Agri Business Incubation Forum

Madurai Agri Business Incubation Forum (MABIF), as a Section 8 company under the Companies Act, 2013, is a flagship initiative jointly promoted by TNAU and NABARD. It serves as a premier agribusiness incubation platform in southern Tamil Nadu, blending academic excellence with entrepreneurial innovation to foster a thriving ecosystem for agri startups, Farmer Producer Organizations (FPOs), rural innovators, and women entrepreneurs. In recognition of the significant contribution of MABIF towards the development of the agribusiness ecosystem in Tamil Nadu and beyond, the Executive Director & CEO of NABARD-MABIF, K. Ganesh Moorthy received recognition award from Hon'ble Governor of Tamil Nadu, Shri R. N. Ravi, during the World Environment Day celebrations at Raj Bhavan, Chennai, on 7 June 2025.



Honourable Governor's Award Conferred for Agri Business Incubation Forum

Hackathon for Women – TNWISE 2025

A Hackathon for Women in Science and Engineering – TNWISE 2025, was organized by Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM). The hackathon was hosted at six locations with six themes, providing a collaborative platform for aspiring women innovators to showcase their ground-breaking ideas. TANCAM is committed to recognize and reward outstanding talents. Among the six themes, the theme Water and Agriculture, was conducted at Periyar Maniammai Institute of Science & Technology, Vallam, Tamil Nadu. In this event, Ms M. Preethi, a Ph.D. scholar from the Department of Seed Science and Technology, TNAU, Coimbatore, won first prize with a cash award of ₹50,000 for the research Organic Seed Coating Formulation from Food Waste Materials to Harness Plant-Microbe Synergy for Enhanced Seed Germination and Seedling Vigour.



Hackathon for Women – TNWISE 2025

HC&RI, Paiyur Student Wins in “Semmozhi Naal” Essay Competition

To commemorate the birth anniversary of Muthamizh Arignar Kalaignar, Semmozhi Naal essay competition was conducted for college students by Tamil Development Department, Government of Tamil Nadu on 10.05.2025. Ms R. Saranyadevi, a second year student at Horticultural College & Research Institute, Paiyur secured third prize and received a cash award of ₹ 5,000 from Mr C. Dineshkumar, District Collector, Krishnagiri. Dr M.S. Aneesa Rani, Nodal Officer, HC&RI, Paiyur and Dr A. Krishnaveni, Associate Professor (ENS) & Staff Advisor, HC&RI, Paiyur motivated the student to achieve this feat.



Student wins in “Semmozhi Naal” Essay Competition

Tamil Nadu Veterinary and Animal Sciences (TANUVAS), Chennai

Dr S. Satheshkumar, Dean, Faculty of Basic Sciences and Dr K. Vijayarani, Professor and Head, Bioinformatics Centre, Madras Veterinary College were awarded with TANSA Award for the years 2022 and 2023, respectively, by the Tamil Nadu State Council for Science and Technology.

University of Agricultural Sciences (UAS), Bengaluru

- AICRP on Sunflower, UAS, Bengaluru received Best Centre Award for the year 2024-25, during Annual Group Meeting-Oilseeds 2025 on 24.05.2025 by ICAR-IIOR, Hyderabad.
- All India Network Project (AINP) on Agricultural Acarology, UAS Bangalore Centre was awarded the Best Performing Centre 2024-25 during the XXI All India Group meeting of AINP on Agricultural Acarology held at TNAU, Coimbatore on 3 and 4 July 2025.

Scientist of AINP on Agricultural Acarology UAS-B, receiving Best Performing Centre 2024-25, award during the XXI All India Group meeting of AINP on Agricultural Acarology.



- Dr B.S. Rajendra prasad, Scientist (Plant Protection), ICAR-KVK, Ramanagara was selected for the prestigious Australia Awards Short Course on Agriculture and Food Security funded by the Department of Foreign Affairs and Trade (DFAT), Government of Australia.
- Ms Preethu. D.C., Scientist (Soil science) was awarded with the Best Paper Award, for the research paper entitled Non target effect of Fipronil on Soil microbiota in Tropical Paddy Soil, during the International Conference on Innovative Sustainable Solution for a Resilient and Equitable Future, held at Surana Educational Institute, Bengaluru.
- Thirteen students of UAS, GKVK, Bengaluru represented UAS-B in the XXII All India Inter Agri-Sports and Games Meet 2025 held at ANDUAT, Kumarganj, Uttar Pradesh from 02 to 05 May 2025. Students secured gold medals in long jump, 4 × 100 m Relay, high jump, 4 × 400 m and Volley ball; silver medal in 200 m and badminton; and bronze medal in long jump.

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

Vice Chancellor of the Year 2025 Award

Dr Indra Mani, Vice Chancellor, VNMKV, Parbhani, was conferred with the prestigious Vice Chancellor of the Year for Exceptional Leadership Award at the 8th Edition of the Higher Education Innovation and Technology Summit & Awards 2025 on 15 May 2025. The event was held in Pune and organized by Plus Nineone Media, a reputed platform promoting excellence and innovation in the education sector. The award was presented by Mr Sandeep Gulati, Founder and CEO, of Plus Nineone Media, in recognition of Dr Indra Mani's exceptional leadership and visionary contributions to the advancement of agricultural education and institutional development. The summit witnessed the participation of several prominent education leaders including Vice-Chancellors, Chairpersons, Directors, Principals, and Deans from across the country.



Dr Indra Mani, VC, VNMKV Parbhani, honoured with Vice Chancellor of the Year 2025 Award

Best AICRP Center award

The Cotton Research Station, Nanded received the Best AICRP Center award under the All India Coordinated Research Project (AICRP) – Cotton. The center was awarded the Certificate of Excellence by the ICAR-CICR, Nagpur. The award was given for outstanding performance in the field of cotton research during the period 2018 to 2023.

Best Agricultural Scientist 2025

Dr Madan Pendke received the award of Best Agricultural Scientist 2025 from the auspicious hands of Shri Devendra Fadnavis, Chief Minister of Maharashtra on 29 May 2025 during Joint Agresco - 2025 held at VNMKV, Parbhani. On this occasion, Adv. Manikraoji Kokate, Minister of Agriculture, Smt Meghnatai Sakore-Bordikar, Minister of State and Guardian Minister of Parbhani District Agriculture, Adv. Ashish Jaiswal, Minister of State for Agriculture, and Prof. Indra Mani, Vice Chancellor were present.

Best Research Centre Award

Agricultural Research Centre, Badnapur, Jalna received the Best Centre Award under the All India Coordinated Research Project – *Kharif* Pulses. This announcement was made at the annual group meeting held in Jaipur from 7 to 9 May 2025. This award was presented given away by Dr M.L. Jat, Director General, ICAR, New Delhi. On this occasion, Dr D.K. Yadav, Deputy Director General (Crop Sciences), Dr Sanjeev Gupta, Assistant Director General (Oilseeds and Pulses), Dr G. P. Dixit, Director, IIPR, Kanpur and Dr Aditya Pratap, Project Coordinator of All India Coordinated Research Project - *Kharif* Pulses and other dignitaries were present.

LIMELIGHTS**Agriculture University (AU), Kota****Exhibition**

The Agriculture University, Kota arranged exhibition of agriculture innovations and products during the Yuva Krishak Sanwad programme organized by Department of Agriculture, Kota, and held at SIAM Auditorium, Kota on 1 June 2025. Agriculture Minister, Government of Rajasthan Dr Kiroli Lal Meena was the chief guest of this programme.



Exhibition of AU Kota viewing by Agriculture Minister of Rajasthan

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana

VLIIF Grants Support to Startup Dairy Muneem

The Veterinary and Livestock Innovation and Incubation Foundation (VLIIF), sanctioned an Ignition Grant of ₹10 lakh to the emerging startup Agristar Animal Solution Private Limited (Dairy Muneem). Dr J.P.S. Gill, Vice-Chancellor, congratulated Mr Vipen Kumar Sharma, Co-founder of Dairy Muneem, and said that such initiatives encourage youth to bring forward innovative, tech-driven solutions for the livestock sector. Dr Gill added that the startup aims to transform the traditional dairy sector by providing a simple yet powerful mobile solution that will help users to track milk transactions, manage payments, and improve profitability. He stated that ignition grant is a form of hand-holding support for innovative ideas to find impactful solutions for the dairy industry. Dairy Muneem is the sixth startup to benefit from VLIIF facility in the region.



Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

22nd All India Inter Agricultural University sports Meet

Historical performance of Agricultural University, Raipur: The players of IGKV have once again given a historic performance and won one gold, one silver and two bronze medals under various events in the 22nd All India Inter Agricultural University Sports Competition 2025 organized by the Indian Council of Agricultural Research at Acharya Narendra Dev Agriculture and Technology College, Kumarganj Ayodhya, Uttar Pradesh.



Junagadh Agricultural University (JAU), Junagadh

Celebrating 10 Years of Junagadh Janvani 91.2 FM Community Radio Station: A Decade of Voices

The Community Radio Station of JAU, *Junagadh Janvani* 91.2 FM, completed ten years since its establishment on 23 June 2025. On this occasion, a celebration was held under the presidentship of the Vice-Chancellor of JAU, Dr V. P. Chovatia. Shri Sudhir Datta, Programme Executive of Rajkot Akashvani, graced the function as the Special Guest. Also present were Shri Vajubhai Dholaria, retired Akashvani Programmer; Dr A. G. Pansuriya, Director Research, JAU; Dr N. B. Jadav, DEE (Education); Dr H. C. Chhodvadia, ADE; Shri M. K. Sanariya, Deputy Marketing Manager, GNFC, Bharuch; and Dr J. V. Chovatia, Assistant Professor and Station In-charge of Junagadh Janvani. In addition, Principals of various colleges, Professors, and Heads of different departments of JAU attended the ceremony. Notably, members of the Steering Committee and Advisory Committee of Junagadh Janvani, Radio Friends, a large number of students, and staff were also present. A Best Video Reels and Best Audio Clip competition was organized, in which a large number of UG and PG students of JAU participated. Prizes were awarded to the top three students in each category.



Inauguration ceremony of celebrating 10 Years of
Junagadh Janvani 91.2 FM Community Radio Station



Prize distribution of Best Video Reels
and Best Audio Clip competitio

Professor Jayashankar Telangana Agricultural University (PJTAU), Hyderabad

- **International Yoga Day** celebrations were conducted at Sports Complex, PJTAU, Rajendranagar, Hyderabad on 21st June, 2025. On this occasion, various yoga postures and pranayamas were demonstrated to the participants. Prof. Aldas Janaiah, Vice-Chancellor along with University Officers, Faculty of College of Agriculture, Rajendranagar, NSS Volunteers, Non-teaching staff and students participated in the event.



International Yoga Day

Punjab Agricultural University (PAU), Ludhiana

Expert Talk on Postharvest Management of Horticultural Produce

A special lecture titled Postharvest Horticulture: Safeguarding Global Food and Nutritional Security, was delivered by Dr Zora Singh, Foundation Professor of Horticultural Science at Edith Cowan University, Western Australia, and a distinguished alumnus of Punjab Agricultural University. Dr Singh, an internationally acclaimed scientist, highlighted the critical role of postharvest technology in feeding the growing global population amid limited land and water resources. He emphasized that fruits, vegetables, and nut crops are central to achieving nutritional security and must be preserved efficiently to reduce significant postharvest losses, currently estimated at 30–44% globally. He stressed that effective ethylene management (both internal and external) is essential to extend shelf-life and preserve quality, as ethylene contributes to nearly half of all the postharvest losses. Drawing from over two decades of research, Dr Singh shared innovative technologies developed by his team to curb production and postharvest losses in fresh horticultural produce.

Australian scientist delivering talk on postharvest management of horticultural commodities



Celebration of special days

- Celebrated **World Health Day** on 7 April 2025 by showcasing initiatives on promoting holistic health and wellness through an exhibition at PAU, Ludhiana. A free diet counselling was also organised on the occasion.



World Health Day on 7 April 2025

- Celebrated **National Textiles Day** on 7 May 2025 by organizing a Poster Making Competition on the theme Textile Recycling: Weaving a Sustainable Future.
- Observed **World Hypertension Day** on 16 May 2025 by showcasing Dietary Approaches to Stop Hypertension (DASH DIET) and other measures to control hypertension through an exhibition in front of PAU Health Centre.
- **World Earth Day was celebrated** with a community-centric event in village Boparai Kalan, district Ludhiana, which aimed to raise awareness about environmental conservation, sustainable practices, and the role of women in agriculture with environmental stewardship.
- **World Environment Day** was celebrated on 5 June 2025 in Bhagwanpura and Samrala villages of Ludhiana district. It was emphasized that small habits such as increasing greenery through herbal plantations, ensuring proper ventilation, and managing waste responsibly can significantly elevate the quality of life for individuals and their families.
- Celebrated **World Food Safety Day - Food Safety: Science in Action** on 6 June 2025. To mark the day, food safety survey was conducted in various canteens of PAU. Owners and their helpers were sensitized about the safety measures to be taken while handling the food.



World Food Safety Day on June 6, 2025

Distribution of seed kits and farm equipment's to the farm women

Scientists from the Department of Human Development and Family Studies distributed seed kits to farm women and men, and delivered talk on maintaining general health and well-being, in the Bhaini Baringan village, Ludhiana, on 13-05-2025. Under the MKSP Farm equipment were also distributed to the farm women beneficiaries in the Village Purain, Ludhiana on 9.6.2025.



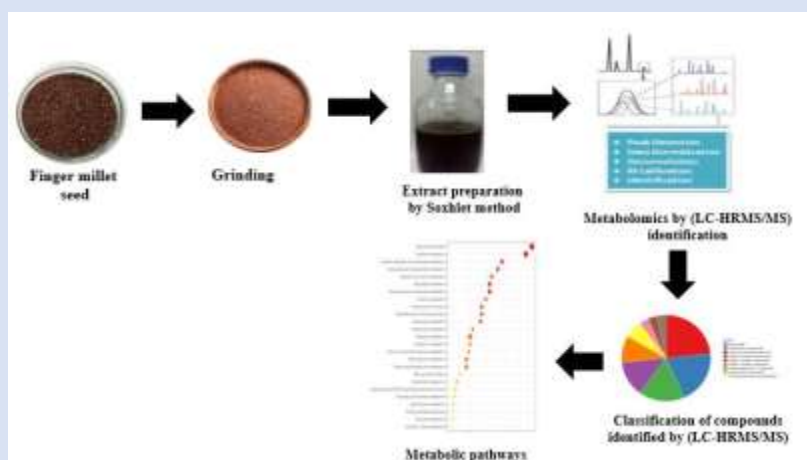
Distribution of seed kits and farm equipment to the farm women

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

Characterization of indigenous finger millet for the nutritional and therapeutic potential

The nutritional and therapeutic potential of indigenous finger millet (*Eleusine coracana*) collected from Padder Valley in Kishtwar, were characterized. Sequences developed through molecular analysis using *ITS*, *matK*, and *rbcL* gene markers, were successfully submitted to GenBank (Accession Nos. PV807964, PQ753526, and PQ728252). Metabolomic profiling via LC-HRMS revealed the presence of 100+ compounds, including bioactive substances like dehydroascorbic acid, niacin, and methyl cinnamate. FAME analysis revealed high levels of linoleic (49.08%), oleic

(21.13%), and palmitic acid (6.28%), along with significant vitamin B-complex content. ICP-MS results further confirmed the presence of essential minerals—magnesium, calcium, potassium, and phosphorus—underscoring finger millet's role as a functional food with potential in managing metabolic disorders. Two Millets Cafeterias were established at Jammu and Rajouri, promoting public awareness, dietary inclusion, and entrepreneurship based on millet-based recipes and value-added products.



Workflow of metabolomic and nutraceutical analysis of finger millet seeds

Gramin Krishi Mausam Sewa (GKMS)

- Issued 26 bilingual agromet advisories each at district, block, and subdivision levels across four districts of Jammu Division.
- Disseminated advisories through diverse platforms including mobile apps, WhatsApp, AIR, email, and newspapers, benefiting thousands of farmers.
- Impact-based forecasts (IBF) and agro-advisories released for agriculture, livestock, and horticulture sectors.
- Real-time weather data uploaded on IMD portal; 100 farmers from Kathua registered for SMS-based advisory services.

Strengthening Sericulture

A Silkworm Laboratory was established with dedicated units for Crop Improvement and Value Addition and Product Diversification in sericulture. As a major step in diversification, Eri silkworm was successfully introduced and reared, offering new prospects for sustainable silk production in the region.



- SKUAST-Jammu is organizing its maiden Start-up Outreach and Orientation Programme under the Competitiveness Improvement of Agriculture & Allied Sectors Project (JKCIP) in the UT of J&K w.e.f 24-25 June 2025.
- A 5- day Capacity Building Programme for Chief Executive Officers and Chairman/Board of Directors of Farmers Producer Organizations (FPO's) across J&K, commenced at SKUAST-J from 16-20 June 2025.
- A 5- day Capacity Building Programme for Chief Executive Officers and Chairman/Board of Directors of Farmers Producer Organizations (FPO's) across J&K, commenced on 23 June 2025 at SKUAST-J.



- To mark World Laughter Day, the NSS volunteers of SKUAST-Jammu organized a joyful laughing session on 6 May 2025. The event aimed to relieve stress and promote mental well-being among students and staff.
- World Environment Day 2025 celebrated at SKUAST-Jammu National Service Scheme (NSS), SKUAST-Jammu, commemorated World Environment Day 2025 by launching a Tree Sapling Plantation Drive on the university campus on 5 June 2025. This year's World Environment Day theme —Putting an End to Plastic Use resonated throughout the event. Students took a solemn pledge — SAY NO TO PLASTIC and to PLANT A TREE EVERY YEAR— to ensure a cleaner environment and a greener planet. one-day national webinar was also organized on the occasion of World Environment Day with the theme Beat Plastic Pollution, in collaboration with the Academy of Natural Resource Conservation and Management (ANRCM), Lucknow.
- Awareness Programme on Nasha Mukh Bharat Abhiyan Pakhwada at SKUAST-Jammu was held on 16 June 2025. SKUAST-Jammu, in collaboration with the Narcotics Control Bureau (NCB) Jammu, organized an awareness programme on Drug Free India to mark the International Day against Drug Abuse and Illicit Trafficking and Nasha Mukh Bharat Abhiyan Pakhwada.
- International Yoga Day 2025 was celebrated at SKUAST-Jammu on 21 June 2025. In his address, Prof. Tripathi emphasized the theme Yoga for One Earth, One Health, highlighting how Yoga connects individual well-being with health, fostering a balanced and sustainable lifestyle.

Tamil Nadu Agricultural University (TNAU), Coimbatore

MOFPI-PMFME- Common Incubation Centre at TNAU

The Common Incubation Centre (CIC) for processing of Coconut Products established under PMFME Scheme funded by the Ministry of Food Processing Industries (MOFPI), New Delhi, was inaugurated by Shri T. M. Anbarasan, Minister for Micro, Small and Medium Enterprises (MSME), Government of Tamil Nadu at the Department of Food Process Engineering, Agricultural Engineering College & Research Institute (AEC&RI), Coimbatore. The inauguration was held in the presence of Dr Atul Anand, Additional Chief Secretary to Government, MSME Department, Dr R. Thamizh Vendan, Registrar & Acting Vice Chancellor, Shri L. Nirmal Raj, Industries Commissioner and Director of Industries & Commerce and Dr A. Raviraj, Dean (Engg.), TNAU, Coimbatore. Dr M. Balakrishnan, Professor & Head, Department of Food Process Engineering, explained and demonstrated various processing lines of coconut products. TNAU is the State Level Technical Institute (SLTI) and Micro, Small & Medium Enterprises Department, Government of Tamil Nadu, Chennai is the State Nodal Agency (SNA) of PMFME Scheme. The Common Incubation Centre will be useful for coconut farmers, FPOs, NGOs and Start-ups on custom hiring basis.



Hon'ble Vice President of India Visits TNAU

Hon'ble Vice-President of India visits TNAU

On 27 April 2025, Vice-President of India Shri Jagdeep Dhankar visited TNAU and addressed on Fostering Agri-Education, Innovation and Entrepreneurship for Viksit Bharat. The Hon'ble Governor of Tamil Nadu Shri R.N. Ravi, graced the event. Dr R. Thamizh Vendan, Registrar and Acting Vice Chancellor welcomed the chief guests. The Hon'ble Vice-President of India interacted with the students and faculty of TNAU, entrepreneurs, women start-ups and farmers producers organizations (FPOs) and motivated them. The exhibition showcasing new varieties and technologies released from TNAU was also visited by the Hon'ble Vice-President and Governor & Chancellor of TNAU.



Inauguration of MOFPI- PMFME

Agri Expo 2025

The Agricultural Exhibition and Seminar 2025, a 3-day event, organized by the Department of Agriculture and Farmers' Welfare, Government of Tamil Nadu was inaugurated by Chief Minister Shri M.K. Stalin on 11.06.2025 at Perundurai, Erode

district, and witnessed overwhelming participation from farmers, students, youth, and the general public. Featuring 282 stalls, including 76 by government departments, 155 by private sector entities, 36 open-air displays, and 15 thematic exhibits, the event showcased a wide range of agricultural technologies, products, and government welfare schemes, becoming a major platform for knowledge exchange and innovation in the agriculture sector. As a part of the event, 3D food printing technology, an emerging technology in food processing was demonstrated by Dr M. Balakrishnan, Professor and Head, Department of Food Process Engineering, Agricultural Engineering College & Research Institute, Coimbatore to Chief Minister of Tamil Nadu, Minister for Agriculture and Farmer's Welfare Shri M.R.K. Panneerselvam, Mr. V. Dakshinamoorthy, IAS, Agricultural Production Commissioner and Secretary to Government, Dr R. Thamizh Vendan, Registrar & Acting Vice Chancellor and Dr A. Raviraj, Dean, AEC & RI, Coimbatore. The visitors showed great interest in acquiring knowledge and learning about 3D Food Printing technology on display.



Agri Expo 2025

Tamil Nadu Veterinary and Animal Sciences (TANUVAS), Chennai

Kalnadai Vala Kalaisol Agarathy (Veterinary Science- English to Tamil dictionary), with about 13,000 words, developed at TANUVAS, was released during 10th National Conference on Agricultural Scientific Tamil on 04.04.2025 at Madras Veterinary College, Chennai.



Kalnadai Vala Kalaisol Agarathy of TANUVAS released on 04.04.2025 at Madras Veterinary College, Chennai

- Poultry Disease Diagnosis and Surveillance Laboratory (PDDSL), Namakkal, TANUVAS was selected under Indian Network of Genomic Surveillance Laboratories by Department of Animal Husbandry and Dairying, Government of India; and Food and Agricultural Organization (FAO) in pandemic fund project. In this regard, Dr R.K. Singh, National Consultant - Epidemiology, AMR and Zoonoses Specialist, FAO and Dr Vikram Singh Vashist - National Consultant, Technical Officer, Epidemiology and Zoonoses, FAO visited PDDSL, Namakkal on 16.04.2025.



Visit to Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal by a team of officials from Food and Agricultural Organization

University of Agricultural Sciences (UAS), Bengaluru

- Identified ten previously unreported fungal pathogens linked to grain discoloration disease in rice. These include *Alternaria padwickii*, *Aspergillus niger*, *A. ochraceopetaliformis*, *Edenia gomezpompae*, *Fusarium chlamydosporum*, *F. equiseti*, *F. incarnatum*, *F. ipomoeae*, *Lasiodiplodia pseudotheobromae*, and *L. theobromae*. This finding expands the understanding of the disease etiology and helps develop targeted disease management strategies.
- Training programmes on mushroom production technologies** were organized by the Farmers Training Institute from 19 to 23 May 2025 and 23 to 27 June 2025. The programmes covered both theoretical and practical aspects, including the exposure visit for trainees from diverse backgrounds with an interest in mushroom cultivation and marketing in the training.



Glimpses of Mushroom Training

- The 11th International Yoga Day with the theme Yoga for One earth One health, was celebrated with great enthusiasm on 21.06.2025 at GKVK campus with the participation of more than 400 students and staff. The guest lecture was organized on the significance of yoga in promoting physical, mental, and emotional well-being for B.Sc. students, GKVK, Bengaluru to commemorate the 11th International Yoga Day.



Students actively participated in yoga day



Students participation in guest lecture

- The NSS Unit of COA, GKVK, organized a programme to observe the International Day against Drug Abuse and Illicit Trafficking on 26 June 2025. A pledge was administered to affirm the collective commitment toward a drug-free society.



- A webinar on NSDL (National Securities Depository Limited) was organized on 27 June 2025 in collaboration with Proficient Minds, Belgaum for B.Sc. (Hons.) Agriculture students. The session held at CoA, GKVK, Bengaluru provided students with insights into dematerialization, securities management, and financial literacy.



- An awareness programme on *Parthenium* weed management was conducted on 28 June 2025 for First Year B.Sc. (Hons.) Agriculture students under the NSS Unit at GKVK campus. The session aimed to highlight the harmful effects of *Parthenium* on agriculture and human health, and to educate students on its effective control measures.



Glimpses of awareness programme on Parthenium

- The Department of Plant Pathology, UAS, GKVK organized a programme on 60th year of establishment of the department: Patho-Nostalgia 1964-2025; The Golden jubilee celebration on 04.04.2025 at GKVK. On this occasion Padma Bhushan awardee Dr Krishna M. Ella, Executive Chairman, Bharath Biotech International Ltd, Hyderabad, delivered a lecture to inspire the student community.



- Institute of Agri-Business Management (IABM), UAS, GKVK, Bengaluru and Karnataka State Cooperative Federation Ltd. jointly organized 1- day workshop on Students, Youth and Cooperation, on 16.04.2025 at GKVK campus, UAS, Bengaluru to sensitize students about the significance of the cooperative sector in India's economic landscape, its challenges, and the potential it holds for employment generation and inclusive development, especially in rural and semi-urban areas.



- International Training Programme was held on Soil Health Assessment using Biofunctool® at Department of Soil Science and Agricultural Chemistry, UAS, Bengaluru from 18.06.2025 to 20.06.2025.



- World Environment Day 2025 celebration with a theme ending plastic pollution was organized by Department of Forestry and Environmental Sciences, GKVK, Bengaluru on 5 June 2025. Prizes and certificates were distributed to the winners of Quiz and Essay competitions conducted as part of WED 2025 celebration on this occasion.



Certificates and Prize distribution to the winners of the Quiz and Essay competition

- ICAR-KVK, Bengaluru Rural District and Tubagere Jack Growers Association, Tubagere and Department of Horticulture, Doddaballapura jointly organized Tubagere Jack: An interaction and Patent certification distribution programme, on 14.05.2025 at Tubagere, Doddaballapura taluk, Bengaluru Rural District. National patents copy right certificates were distributed to eight farmers from various villages in Tubagere area.
- ICAR-KVK, Chamarajanagara organized a training program on Marigold contract farming in collaboration with Souharda FPO and ARQIND Cultura Private Limited on 02/04/2025 at KVK to empower marginalized farmers by educating them about the benefits of contract farming, improved cultivation techniques and market linkages for marigold production.



Motivating the farmers to apply bio-inputs for better quality yield

- The Agricultural Technology Information Centre, GKVK organized 2- day, paid training programme on Urban Horticulture on 09 -10 May 2025 and 25 - 26 June 2025 to emphasize the importance of urban horticulture, composting, organic practices, terrace/vertical gardening, hydroponics, medicinal plants, IPM, hydroponics, grafting, layering, budding etc.



Dr S. V. Suresha, Vice Chancellor, UAS-B along with Sri Sudarshana Chennangihalli, Editor, Vijaya Karnataka daily newspaper inaugurated the programme.

Dr YSR Horticultural University (Dr YSRHU), Venkataramannagudem

Sports and games

Students from all the Colleges of Horticulture under Dr YSRHU participated in 22nd All India Inter Agricultural University Sports and Games Meet at Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya from 2-05-2025 to 5-05-2025 for four days. Students namely U. Dhana Lakshmi (CH/21-04), P. Surya Teja (CH/21-40), P. Pravallika (CH/22-35), P. Spandana Sree (CH/22-48), M. Sameera (CH/23-44), and L. Sandhya (CH/23-25) participated and won second prize in Kho-Kho.



Yog Andhra Celebrations

In line with the directives of Government of Andhra Pradesh and as a prelude to International Yoga Day (21st June), the Yoga Andhra Celebrations were formally initiated from 5 June 2025. Daily yoga sessions were conducted in the morning hours for all students and staff to promote physical wellness, mental peace, and overall harmony. The celebrations aimed to instill the importance of regular yoga practice as a holistic lifestyle approach and continued until 21 June 2025, culminating in a grand observance of International Yoga Day, featuring mass yoga demonstrations, talks on wellness, and interactive sessions.



Andhra Pradesh Fisheries University (APFU)

The Fisheries and Aquaculture Infrastructure Development Fund (FIDF) program was organized by the National Fisheries Development Board (NFDB) in collaboration with the Andhra Pradesh Fisheries University (APFU), Department of Fisheries, and the Kisan Credit Association on 28.07.2025. The event served as a platform to discuss and promote investment opportunities in fisheries infrastructure, aquaculture development, and allied activities. The



fisheries scientists from KVK, Venkataramanangudem and Pandirimamidi aimed at strengthening the fisheries sector through financial and technical support, participated. Distinguished dignitaries graced the event, including Sri B. Rajasekhar, IAS, Special Chief Secretary for Agriculture, Horticulture, Dairy, and Fisheries; Dr Behera, CEO, NFDB, Hyderabad; Sri Rama Raju, Chairman, AIIP; Sri M.R. Gopal, General Manager, NABARD; Sri Goswami, General Manager, NCDC; and Sri Vijaya Kumar from SERP. The guests emphasized the strategic importance of FIDF in enhancing aquaculture productivity, ensuring farmer security through crop insurance, and building sustainable infrastructure.

Millet – Fortified Horti- Products

The project —Empowering the Scheduled Caste Farmers through Improved Management Practices in the Millets Production and Preparation of Millet-fortified Horti-Products— sponsored by ICAR –Indian Institute of Millets Research, Hyderabad, was conducted in Oguru village by Dr YSRHU- College of Horticulture, Chinalatari. The aim of this programme is to impart skill and knowledge on millet cultivation, processing and preparation of value-added products. Dr M. Pavithra, Assistant Professor (Agronomy) explained the cultivation and management practices of millets. Er. K. Sai Manogna, Assistant Professor (Agric. Engg.) briefly explained the primary and secondary processing of millets. Dr M. Sanghamitra Assistant Professor (Horticulture) explained the nutritional value of various millets. Dr V. Vijaya Bhaskar, stated the importance of millets and exceptional nutritional value, climate resilient crop and potential to enhance food security.



Viksit Krishi Sankalp Abhiyan

Many of the Agri/Horti/Vet Universities and the associated KVKs successfully organized Viksit Krishi Sankalp Abhiyan, during 29 May to 15 June 2025, aiming to promote advanced technologies for Kharif crops, disseminate information about relevant government schemes, and encourage the use of Soil Health Cards for better decision-making regarding the balanced use of fertilizers and other agricultural inputs. Additionally, the campaign seeks to collect real-time feedback from farmers to understand their priorities and challenges, and to provide possible on-the-spot solutions to their problems. Many teams of scientists formed by the Universities and KVKs, in collaboration with officials from ICAR institutions and the State Departments of Agriculture, Horticulture, Forestry, and Animal Husbandry, reached out to thousands of villages, benefiting millions of farmers and farm women across the country.

Union Minister of Agriculture & Farmers welfare Shri Shivraj Singh Chauhan, Secretary, DARE & DG, ICAR and Senior officials of ICAR, also actively participated in many of these programme organized under Viksit Krishi Sankalp Abhiyan during 29 May to 15 June 2025.

Glimpses of Viksit Krishi Sankalp Abhiyan at Various Universities

Agricultural University, Kota



Junagadh Agricultural University (JAU), Junagadh



Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)





University of Agricultural Sciences (UAS), Bangalore



Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani



Dr YSR Horticultural University (Dr YSRHU),



Dr YSRHU, VRGudem, KVK-VRGudem



Dr YSRHU-KVK, Vonipenta



Dr YSRHU-KVK, Pandirimamidi

FUTURE PROGRAMMES

Agriculture University (AU), Kota

- **Training Programme**

Training on Common Induction Cum Orientation Training programme for newly recruited teaching staff (Professor, Assoc. Professor/Sr. Scientist and Head, Asstt. Professor, Asstt. Librarian and SMS) will be organized in Sep 2025 to develop them as professional, effective and efficient AUK personnels.

- **Annual Group Meet**

20th Annual Group Meet of ICAR-AINP-Organic Farming Under the aegis of ICAR-Indian Institute of Farming System Research, Modipuram, Meerut, is scheduled from 26-28 September 2025 at Agriculture University, Kota.

Punjab Agricultural University (PAU), Ludhiana

- Mandatory Orientation course on Effective Teaching, Research & Extension for newly recruited faculty of PAU, Ludhiana to improve teaching research and extension in the University.
- Workshop for KVK Home Scientists related to application of Research Methodologies in Extension for improving research work at KVKs.
- Developing equitable multi-sectoral interventions to reduce vulnerability.
- Organizing skill-oriented training courses on baking/cooking to improve the entrepreneurial skills of rural women, and to celebrate special days/weeks to create awareness regarding nutrition and health among the masses.
- On the basis of the research-based guidelines capacity building programs for rural families and for health and family workers at grass root level (Anganwadi workers, Asha workers, Midwives etc.) will be conducted.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu)

- To continue teaching programme of UG/PG and Ph. D Programme.
- Trainings and demonstrations on hydroponics to be continued under JK HADP project.
- SKUAST-J started blue berry project under NABARD funded project and continuing training programmes in NABARD funded projects.
- Awareness of Farm Mechanization, Custom Hiring to the farmers/ youth etc.
- Training Programme on Farm Mechanization in Agriculture to be organized.
- Awareness about agricultural processing equipment to the farmers and youths.

- Awareness programme about integrated new engineering technologies with conventional agricultural processes.
- Establishment of Hi-Tech Modern Dairy Farm and Processing Unit at R.S. Pura campus.
- NABL Accreditation of Quality Lab of Institute of Biotechnology.
- Work on emerging zoonoses and to study the epidemiology of important livestock diseases will be taken up.
- Establishment of SAIC/ Institute of Aqua- Culture at SKUAST-Jammu.
- Cryopreservation, semen handling and artificial insemination.
- Augmentation of fertility and control of calving interval through synchronized induction of oestrus and ovulation.
- Development of cost-effective progestogen implant for estrus induction in dairy animals.

University of Agricultural Sciences (UAS), Bengaluru

- The Department of Crop Physiology, UAS, GKVK will host its annual symposium, ConSept, in September 2025.
- The Department of Agro-meteorology, UAS, GKVK Proposed to conduct 10-day National level short course on Climate Smart Agricultural Practices for Ecological Sustenance (2025-26).
- Certificate Course in Baking Technology (14- week), 4- week Baking Course (03 no.), collaborative training programmes (05 no.), Short courses (08 no.) will be conducted at IBT&VA, UAS, GKVK, Bengaluru.
- Six-day training programme on Agro Ecological Practices for *Krishi sakhi's* will be conducted at all KVK's of UAS, GKVK, Bengaluru.
- RAWE programme from 07.07.2025 to 12.10.2025.

NEW VICE CHANCELLORS

Kamdhenu University (KU), Gandhinagar

Dr P.H. TANK

Dr P.H. Tank did his Graduation in Veterinary Science and Animal Husbandry from Gujarat Agricultural University, Anand in 1986 and stood first in the University, Masters in Veterinary Science from Gujarat Agricultural University, Anand in 1989, and Doctorate from Tamil Nadu Veterinary and Animal Sciences University, Chennai in 1995 in Veterinary Surgery and Radiology. He was recipient of Dr M.N. Menon award. He also received other 22 Awards & Honors, which include 10 for Academics and 12 for Scientific contributions. He is also recipient of the Best Veterinarian Award from India by SAARC Regional Veterinary Association. Dr Tank has 38 years of vast experience in Teaching, Research, Extension Education and Administration.



He has published more than 250 research articles in international and national journals, books, popular articles, symposia / conference paper presentations, practical manuals/ booklets, etc. Dr Tank guided 2 Ph.D. and 21 M.V.Sc. scholars. He Monitored 13 Research/Educational Projects in Gujarat Agricultural University, Anand Agricultural University, Junagadh Agricultural University and Kamdhenu University.

Before joining on the post of Vice Chancellor of Kamdhenu University, Gandhinagar on 28 April 2025, Dr Tank served as Dean & Principal, Professor, Associate Professor and Assistant Professor in colleges of Veterinary Science and Animal Husbandry at Junagadh and Anand.

The IAUA sincerely thanks the following outgoing (during April - June 2025) Vice Chancellors for their kind cooperation and support to the Association

Dr K.N. Selvakumar
Vice Chancellor
TANUVAS, Chennai



Dr Ravi Shankar C.N.
Vice Chancellor
CIFE, Mumbai



Dr N.H. Kelawala
Vice Chancellor
KU, Gandhinagar

