



IAUA NEWS

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17th National Symposium of IAUA

The 17th National Symposium of the Indian Agricultural Universities Association (IAUA) was successfully organized at VNMKV, Parbhani, from 25 to 26 September 2025. The theme of the two-day symposium was Farm Mechanization and Agricultural Robotics for Small and Marginal Farmers: Challenges and Opportunities. The event was inaugurated by Minister of State & Guardian Minister of Parbhani, Smt. Meghna Sakore-Bordikar. In her address she emphasized on sustainable farming, integrated agriculture, and entrepreneurship opportunities for youth and farmers. She proposed celebrating 2026 as the Year of Women Farmers”, and assured continuous government support for agricultural research and agro-industrial development. Presiding over the inaugural session, Vice Chancellor, VNMKV, Prof. Indra Mani stressed on the importance of integrating education, governance, and entrepreneurship for the welfare of farmers.



Lamp lighting Ceremony during Inauguration of 17th National Symposium

The symposium included five technical sessions in which Vice Chancellors, Dean and Directors from 15 agricultural universities and experts from various organizations across India participated. They held in-depth discussions on mechatronics, agricultural robotics, drones, AI/ML, big data, IoT-based smart farming, energy-efficient farm machinery, precision agriculture, and the use of new energy technologies. Subtopics included government initiatives (Mahavistaar-AI, POCRA, Smart Project), farm mechanization with IoT sensors and robotics for small farmers, seed-sowing machinery, agricultural drones, LLM applications, and green and renewable energy solutions (solar energy, bio-energy, and sustainable farming). The symposium was actively participated by Vice Chancellors, scientists, and faculty, making it a significant platform for knowledge exchange, innovation, and strategic planning for the benefit of small and marginal farmers.



Smt. Meghna Sakore-Bordikar Delivered Inaugural Address as Chief Guest

The Symposium highlighted the transformative potential of emerging technologies like AI, ML, drones, big data, and renewable energy in Indian agriculture. It stressed the need for collaborative efforts across academia, industry, and government to address technological, infrastructural, and policy challenges. The symposium underscored the importance of farmer-centered approaches, capacity building, and data-driven decision-making for sustainable agricultural growth, especially for small and marginal farmers. The integration of advanced tech with traditional agricultural knowledge and enhancing institutional frameworks remain key to realizing India's agricultural productivity and sustainability goals. The sessions also featured a comparative discussion on NIRF ranking evaluation criteria and ICAR ranking methodology.

Distinguished dignitaries participated in the panel discussions of the symposium

Panel discussion was attended by Dr M. S. Chauhan (Secretary General, IAUA & VC, GBPUAT, Pantnagar), Dr Karbhari Kale (VC, Dr BATU, Lonere), Dr Dheer Singh (VC, NDRI, Karnal), Dr Sharad Gadakh (VC, Dr PDKV, Akola), Dr Parvinder Kaushal (VC, VCSGUUHF, Bharsar), Dr Ravi R Saxena

(VC, MGUEVV, Durg), Dr Vishnu Vardhan (VC, UAH, Bagalkot), Dr Fakruddin (Director Research, UAH, Bagalkot), and Dr Dinesh Kumar (Executive Secretary, IAUA), along with representatives from various agricultural and allied universities and senior officials of VNMKV

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Keynote speakers: Dr R.C. Agrawal (Former DDG, ICAR), Dr Hemant Vasekar (Director, SMART Project), Shri Shrikant Andge (Deputy Secretary, Agriculture, Government of Maharashtra), Dr Vijay Kolekar (PoCRA/NDKSP, Government of Maharashtra), Dr Shivaram (IIT Powai), Mr S. Arun Kumar (HEXAGON), Dr Syed Ismail (Director, SIFA), Dr Venkat Mayande (EX VC, Dr PDKV, Akola), Dr Manjeet Singh (Dean, CAET, PAU, Ludhiana), Dr Radhika Trika (IIT Ropar), Dr S.D. Gorantiwar (Ex DoR, MPKV, Rahuri), Dr Eswar Rajasekaran (IIT Bombay), and Dr Md. Rihan (DG, NISE), delivered insightful keynote addresses during the symposium.

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

Anand Agricultural University (AAU), Anand

Following 6 state varieties released by AAU, Anand were notified by the Government of India for the Gujarat state.

Maize

Gujarat Maize Hybrid 5 (GMH 5: Panam Gold)

- Recommended for maize growing areas of Gujarat during *khari*.
- GMH5 gave 7,094 kg/ha average kernel yield.
- It is medium maturing and having orange flint kernels with higher test weight (367 g).
- It contains 69.45% starch, 12.55% protein, 4.85% oil, 0.59% tryptophan and 2.67 % lysine.
- It is moderately resistant against *Maydis* leaf blight and *Fusarium* stalk rot disease.



Cotton

Gujarat Desi Cotton 5 (GDC 5: Anand Kanchan)

- Recommended for rainfed desi cotton growing areas of Gujarat.
- Gujarat Desi Cotton 5 (GDC 5: Anand Kanchan) is high yielding and long linted variety.
- This variety gave 1,375 kg/ha seed cotton yield.
- It has recorded 34.2% ginning out turn, 27.3 mm upper half mean length, 4.2 micronaire value and 26.6 g/tex tenacity in HVI mode.



Chilli

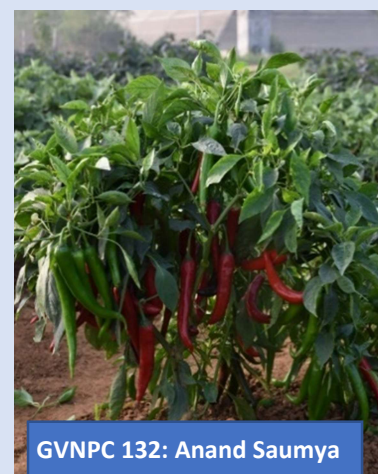
Gujarat Vegetable Chilli Hybrid 2 (GVCH 2: Anand Surya)

- Gujarat Vegetable Chilli Hybrid 2 (GVCH 2: Anand Surya) recommended for green chilli growing area of Gujarat during *kharif-rabi*.
- This hybrid gave 198.96 q/ha average green fruit yield in Gujarat which exhibited 22.64 and 52.78% higher over the checks.
- Fruits of this hybrid have light green colour at unripe stage and medium sinuation of pericarp, slightly rough texture with strong glossiness.
- It contains 0.160% total antioxidant activity, 0.195% capsaicin, 2.80% total soluble sugars and 0.059% flavonoid.
- Under natural field condition, the hybrid has less effect of chilli leaf curl disease incidence as well as fruit borer and thrips infestation comparable to the check GAVCH 1.



Gujarat Vegetable Non-Pungent Chilli 132 (GVNPC 132: Anand Saumya)

- Gujarat Vegetable Non-Pungent Chilli 132 (GVNPC 132: Anand Saumya) recommended for green chilli growing area of Gujarat during *kharif-rabi*.
- This variety gave 195.26 q/ha average green fruit yield in Gujarat.
- Fruits have medium intensity of green colour, big in size and non-pungent at unripe stage with smooth texture and strong glossiness.
- The variety contains higher antioxidant activity (0.112%) as well as total soluble sugars (3.00%) and lower content of capsaicin (0.088%).
- This variety has lower level of chilli leaf curl disease, fruit borer and thrips infestation as compared to the check AVNPC 131.



Sponge gourd**Gujarat Sponge Gourd 3 (GSG 3: Anand Mrudula)**

- The farmers of Gujarat are recommended to grow sponge gourd variety Gujarat Sponge Gourd 3 (GSG 3: Anand Mrudula) during *kharif*.
- The variety recorded average fruit yield 126.72 q/ha which was 33.88, 19.53 and 13.69% higher over checks GSG 1, GJSG 2 and Pusa Chikni, respectively, in Gujarat.
- GSG 3 variety has medium size fruits having dark green skin with white flesh colour.
- It contains 2.18% total soluble sugar, 9.36 mg/100g ascorbic acid and 0.97% crude protein.
- This has comparable prevalence of CMV, powdery mildew and downy mildew as well as less leaf miner and fruit fly infestation as compared to check Pusa Chikni and GJSG 2.

**Okra****Gujarat Okra 9 (GO 9: Anand Anamika)**

- Gujarat Okra 9 (GO 9: Anand Anamika) is recommended for Gujarat during *kharif* and summer.
- It recorded 137.86 q/ha average fruit yield in Gujarat in *kharif*.
- It produced 111.31 q/ha average fruit yield in summer.
- This has short plant stature with short internodes, long leaf blade and broad width with deep depth of lobbing.
- Fruits of this variety are dark green colour, tender, smooth, medium long having acute shape of apex.
- The variety contains 2.715% total soluble sugars, 0.112% phenol, 0.207% antioxidant activity and 14.47 g/kg mucilage.
- Under field conditions, this has less prevalence of yellow vein mosaic virus disease and enation leaf curl virus disease.
- It has lower jassids and whitefly population as well as shoot and fruit damage as compared to the checks.

**Navsari Agricultural University (NAU), Navsari****Brinjal****GRB 10 (Nav Nidhi)**

The farmers of Gujarat State are recommended to grow brinjal variety GRB 10 (Nav Nidhi) during late *Kharif/Rabi*. The medium maturing brinjal variety GRB 10 recorded 396.33 q/ha average fruit yield with yield increment of 11.81, 10.96, 16.15 and 19.56 % over the checks GNRB 1, GAOB 2, GRB 5 and Swarna Mani, respectively. The genotype has round, light purple fruits with medium sized, green calyx. It contains higher amount of vitamin C (2.63 mg/100g), crude fibre (1.62%) and anthocyanin (19.32 mg/100g).

The brinjal variety GRB-10 has less prevalence of little leaf disease and less infestation of jassids, whitefly as well as shoot and fruit borer damage as compared to checks.



Brinjal Variety: Nav Nidhi

Sweet potato

Gujarat Sweet Potato 1 (GSP 1: Navsari Gaurav)

The farmers of Gujarat are recommended to grow sweet potato variety Gujarat Sweet Potato 1 (Navsari Gaurav) during *rabi*. The proposed genotype gave 27.00 t/ha marketable tuber yield which is 102.83 and 33.30% higher than check varieties Gouri (NC) and Bhu Kanti (SC). Spreading type of this variety has medium maturity and tuber of this variety has pinkish skin and white flesh. Tuber of this genotype contains higher amount of total sugar (4.28 %), protein (1.54 %), fiber (2.93 %) and antioxidant (18.00 %). It showed moderately resistant reaction against sweet potato weevil under field condition.



Sweet Potato Variety: Navsari Gaurav

Snake plant

Gujarat Snake Plant 1 (GSP-10: Navsari Vaasuki)

Nurserymen of Gujarat and plant lovers are recommended to grow Gujarat Snake Plant 1 (Navsari Vaasuki) variety of snake plant for higher commercial value as well as indoor pot plant. GSP 1 (Navsari Vaasuki) is a phyto remedial medium stature snake plant variety having dark green broad and stout leaves with whitish greyish variegated margin, produces 14.13 and 20.65% more suckers than local checks (Tall Yellow and Dwarf) and is efficient in indoor air quality purification by faster removal of TVOCs and HCHO.



Snake Plant Variety: Navsari Vaasuki

Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

Following new crop varieties were released by Odisha State Seed Sub Committee of Agricultural Crops.

Maize

OUAT Kalinga Maize 1 (Khushi)

- Hybrid with higher yield potential 78.7 q/ ha.
- Medium duration 87 – 103 days and can tolerate terminal moisture stress.
- Resistant to Maydis Leaf blight and moderately resistant to spotted stem borer (*Chilo partellus*).

Black gram**OUAT Kalinga Black gram 1 (Shreeya)**

- Suitable for rice-fallow situation with medium maturity (79 days).
- Average yield – 900 kg/ha.
- Resistant against MYMV, leaf crinkle and leaf curl virus and moderately resistant to *Cercospora* leaf spot and powdery mildew diseases.



Black Gram 1 (Shreeya)

OUAT Kalinga Black Gram 1 (Shreeya)

Mustard**OUAT Kalinga Mustard 2 (Samruddhi)**

- Higher yield (1,354 kg/ha) and oil content (39.8 %).
- Duration: 110 to 115 days.
- Moderately resistant to aphids, alternaria blight, white rust and powdery mildew.



Mustard 2 (Samruddhi)

OUAT Kalinga Mustard 2 (Samruddhi)

OUAT Kalinga Mustard 3 (Siddhi)

- Higher yield (1,309 kg/ha) and higher oil content (40.1 %) with bold seeds.
- Duration: 105 to 110 days.
- Moderately resistant to aphids, alternaria blight, white rust and powdery mildew.

Toria**OUAT Kalinga Toria 1 (Jayanti)**

- Average yield of 1,193 kg/ha with oil content of 40.3%.
- Duration: 80 to 85 days.

Finger millet**OUAT Kalinga Finger Millet 3 (Shreenidhi)**

- Average yield of 2,520 kg/ha.
- Duration: 124 days.
- Non lodging, non-shattering, responsive to fertilizer application.
- Resistant to blast, brown spot and stem borer.

Niger**OUAT Kalinga Niger 1 (Prabhat)**

- Duration: 110 days.
- Average yield of 550 kg/ha with oil content: 38.3 to 39.8 %.
- The oil cake contains 24% protein and rich in crude fibre.
- Suitable for cultivation in *kharif* and *pre-rabi*.

Castor**OUAT Kalinga Castor 1 (Manika)**

- Single cross hybrid (DPC-9/DCS -102).
- Maturity of primary spike in 100-110 days (medium duration).
- Average yield under normal condition -1,318 kg/ha.
- Higher seed oil content (48.27%).

Rice**OUAT Kalinga Rice 3 (Sampada)**

- Higher yield (54.6 q/ha), medium duration (130-135 days).
- Reddish bran, rich in nutritive minerals (Ca and Mg) and secondary metabolites such as antioxidants (phenolics, flavonoids and gamma oryzanol).
- Highly suitable for puffed rice.
- Moderately resistant to leaf blast, neck blast, bacterial leaf blight, stem borer and leaf folder.

OUAT Kalinga Rice 12 (Paraja)

- Higher yield (53.4 q/ha), short duration (115-120 days).
- Long bold grain with excellent cooking quality.
- Moderately resistant to blasts, grain discolouration, BPH and leaf folder.
- Semi-dwarf and non-lodging.

OUAT Kalinga Rice 12 A (Padmaja)

- Higher yield (44.5 q/ha), Medium late duration (135-140 days).
- Reddish bran, long slender grain, rich in protein, nutritive minerals (Ca and Mg), micronutrient (Zinc) and secondary metabolites such as antioxidants (Phenolics, Flavonoids and Gamma oryzanol).
- Highly Suitable for cultivation under organic and natural farming with average yield of 38.6 q/ha.
- Moderately resistant reaction to leaf blast, neck blast, sheath rot, bacterial blight, stem borer and leaf folder.

OUAT Kalinga Rice 14 (Shreepada)

- Higher yield (47.3 to 58.4 q/ha), long duration (145-150 days).
- Short bold, rich in micronutrient (iron) and moderate amount of antioxidants.
- Suitable for shallow low land during *kharif* and a potential substitute for ruling variety Swarna.
- Moderately resistant to BPH, stem borer, leaf folder, blast, sheath blight, sheath rot brown spot bacterial blight and grain discoloration.

MACHINES and EQUIPMENT**Anand Agricultural University (AAU), Anand****Design and development of solar powered pellet machine for biogas slurry**

Pellet machine manufacturers and minimum 2 HP capacity solar pumping system holders are recommended to use the solar powered pellet machine developed by Anand Agricultural University for fertilizer purpose.

The developed machine performs pelleting operation using 10 mm die diameter with feed mixture of 60 % biogas slurry, 25 % loamy soil and 15 % biochar powder for fertilizer purpose, and can save about 50 % cost for pelleting operation as compared to existing pellet machine.



Solar Powered Pellet Machine

PRODUCTS and PROCESSING

Anand Agricultural University (AAU), Anand

Production technology of ready-to-eat extruded snack from aonla pomace powder

The entrepreneurs and processors interested in production of ready-to-eat extruded product by utilization of aonla pomace are recommended to use the technology developed by Anand Agricultural University. This technology involved dehydration of pomace at 70°C and extrusion with 5 % aonla pomace with 80 % corn flour and maintaining 15 % moisture at a screw speed of 325 rpm and 115°C barrel temperature. The prepared product can be stored up to 90 days at ambient conditions in aluminum laminates / LDPE (50-micron thickness) at 30°C.



Ready-to-Eat Extruded Snack from Aonla

Reduced sugar aonla beverage utilizing stevia

The entrepreneurs and processors interested in the production of aonla beverage using sugar and stevia are advised to adopt processing technology developed for the purpose by AAU, Anand. The technology involves the water blanching of aonla fruits at 95°C for 4 min and formulation of the beverage at 20 % aonla juice, 20 % sugar and 0.75 % stevia extract followed



Aonla Beverage

by thermal processing at 90°C for 1 min. The developed beverage can be stored safely up to 60 days at the ambient condition.

Standardization of drying technology for bael leaves powder

The entrepreneurs and processors interested in the production of bael leaves powder are recommended to use the technology developed by AAU, Anand. The bael leaves dried using the greenhouse dryer having temperature range 45-50°C and at 40 % RH produces dried bael leaves powder with higher content of phenol, flavanoid and antioxidant activity as compared to product obtained by tray dryer and fluidized bed dryer at 50°, 60°, 70°C temperature. The bael leaves powder packed in aluminum laminated bags can be stored for 180 days at ambient temperature.



Bael Leaves Powder

Supercritical fluid extraction of cumin seed essential oil

Entrepreneurs and agro-processing units involved in the production of superior quality of cumin seed extract are advised to use the supercritical fluid extraction technology developed by AAU, Anand. The technology involves liquid nitrogen cryogenic grinding of cumin seeds to sieve size 0.8 mm, followed by super critical fluid extraction using carbon dioxide, keeping pressure 325 bar, temperature 40°C and dynamic time of 120 min which yielded 11.52% cumin seed extract. The cryoground cumin seed extract had 48.84 mg gamma terpinene and 155.09 mg cumin aldehyde/100 g.

Nutri bar with popped kodo and finger millet

The entrepreneurs and food processors interested in production of popped millet nutri bar are recommended to use the technology developed by the AAU, Anand. The technology involves mixing of popped kodo millet (10% conditioned), popped finger millet (10% conditioned), date syrup, peanut butter and whey protein concentrate (80% protein) and molding. Developed nutri bar contains 1.25% ash, 17.32% protein, 5.09% total fibre, 5.74% fat, 212.10 mg/ml total phenol and 37.64% (mg/100g) total antioxidant activity, and can be stored for 90 days in a laminated aluminium pouch at ambient temperature.

Navsari Agricultural University (NAU), Navsari

Herbal Gulal— Nav Gul

Dr Z.P. Patel, Vice Chancellor, launched *Nav Gul*, a herbal *gulal* made from marigold flower petals, during an event organized by the Department of Floriculture and Landscape Architecture at ASPEE College of Horticulture, Navsari Agricultural University. The event was attended by notable figures including Dr T.R. Ahlawat, Director of Research and Dean PGS; Dr Alka Singh, Principal and Dean; Dr Lalit Mahatma, Associate Director of Research; Dr S.L. Chawla, Professor of Floriculture and Dr Dipal Bhatt, Assistant Professor of



Floriculture. *Nav Gul* is a non-toxic, chemical-free colorant that is safe for skin, making it ideal for traditional and religious festivities. The Vice Chancellor praised the faculty's innovative research and their commitment to creating sustainable alternatives that benefit the environment while fostering rural entrepreneurship and enhancing the livelihoods of flower growers. This product is expected to appeal to environmentally conscious consumers and has the potential to boost the income of local flower producers.

PACKAGE of PRACTICES

Agriculture University (AU), Kota

Technology Recommendations

Following recommendations including varieties were approved for inclusion in Package of Practices for the Agro-Climatic Zone-V by the University:

Chickpea: Kota Desi Chana 4 (RKG 13-380); Kota Desi Chana 5 (RKG 13-515-1); Kota Desi Chana 6 (RKG 19-1).

Lentil: Kota Masoor 5 (RKL 14-175).

Other Recommendations

Chickpea

- Seed treatment with Penflufen 13.28% w/w + Trifloxystrobin 13.28% w/w FS (Ready mix) @ 1.0 ml/kg or soil application of *Trichoderma viride* or *Trichoderma harzianum* @ 5 kg/ha mixed with 50 kg FYM during field preparation and seed treatment with *Trichoderma viride* or *Trichoderma harzianum* @ 10 g/kg seed, is effective for the management of collar rot/wilt in chickpea.
- The application of carbendazim 50% WP @ 2 kg/ha or carbendazim 12% + mancozeb 63% WP @ 2 kg/ha in 1,000 litre water (spray near to collar and soil surface) or the application of *Trichoderma viride* @ 5 kg/ha mixed with 50 kg vermicompost followed by irrigation is effective for controlling collar rot / wilt disease of chickpea after disease appearance. *Trichoderma* should be incubated with vermicompost for 7 days prior to soil application.

Organic Chickpea

- Seed treatment with *Trichoderma viride* @ 6 g/kg seed and soil application of *Trichoderma viride* @ 2.5 kg/ha mixed with 50 kg FYM or vermicompost during field preparation is effective for the management of collar rot in chickpea under organic cultivation.

Lentil

- Seed treatment with Penflufen 13.28% w/w + Trifloxystrobin 13.28% w/w FS (Ready mix) @ 1.0 ml/kg or soil application of *Trichoderma viride* or *Trichoderma harzianum* @ 5 kg/ha mixed with 50 kg FYM during field preparation and seed treatment with *Trichoderma viride* or *Trichoderma harzianum* @ 6 g/kg seed is effective for the management of collar rot/wilt in lentil.

Mustard

- Soil application of *Trichoderma viride* or *Trichoderma harzianum* @ 5 kg/ha mixed with 50 kg FYM during field preparation and seed treatment with *Trichoderma viride* or *Trichoderma harzianum* @ 10 g/kg seed is effective for the management of stem rot in mustard.

Wheat

- Apply FYM @ 5 t/ha along with recommended doses of fertilizers (NPK @ 120:40:30 kg/ha). If FYM not applied than use 125% RDF (NPK @150:50:37.5 kg/ha) for higher yield and economic returns of wheat grown after rice.
- Two foliar sprays of water soluble NPK 19:19:19 @ 0.5% at tillering (45-50 DAS) and ear initiation (65-70 DAS) stages along with recommended doses of enhances the yield of wheat.

Fenugreek

Foliar spray of Tebuconazole 25.9% EC @ 0.1% (1 ml/L) at the initiation of the disease is effective for the management of powdery mildew in fenugreek. Repeat spray after 15 days, if needed.

Potato

- Potato tuber treatment at planting with Thifluzamid 24.0 SC @ 0.35% is effective for the management of black scurf disease of potato.
- To control early blight and black scurf diseases in potato, treat potato tubers by spray of *Trichoderma viride* solution @ 8 ml/l water for 20 kg tuber before planting and dry in shade for 30 minutes. Apply *Trichoderma viride* @ 5 kg/ha mixed with 100 kg vermicompost in the soil at planting time (incubated 7 days before planting). Also, spray *T. viride* solution @ 5 ml/l water at 45 and 60 days after sowing.

Garlic**Garlic (organic nutrient management)**

- Apply 100% nitrogen through FYM (24 t/ha) + seed treatment with *beejamrut* @ 50 ml/kg cloves and foliar spray of *Panchagavya* 5% solution at 20, 40, 60 and 80 days after planting.

Or

Apply 100% nitrogen through a combination of FYM (8 t/ha), compost (5.33 t/ha), and vermicompost (2.67 t/ha) one-third from each source and mixed neem cake @ 500 kg/ha enriched with *sasyagavya* at sowing and foliar spray of 10% *Vermiwash* at 20, 40, 60 and 80 days after planting for higher yield of organic garlic.

- Spray of Tolfenpyrad 15% EC @ 2ml/l water at 15 days interval for controlling thrips in garlic.

Strawberry

- Strawberry crop irrigated every third day by drip irrigation (25-30 minutes) and application of recommended doses of fertilizers (NPK@ 150:100:120 kg/ha) through water-soluble fertilizers
- viz., Urea (46:00:00), potassium sulphate (0:0:50) and NPK (13:40:13) and in 12 equal splits at an interval of 6-9 days with drip fertigation gives higher yield.

Brinjal

- Spray Broflanilide 20% SC @ 0.25 ml/l or Emamectin benzoate 05 % SC @ 0.40 g/litre at 15 days interval to control fruit and shoot borer in brinjal.

Onion

- Application of Oxyflourfen 23.5 EC @ 0.125 kg/ha as pre-emergence *fb* one hand weeding at 30 DAS is effective for weed control in onion nursery.

Radish

- Application of Oxyflourfen 23.5 EC @ 0.150 kg/ha as pre-emergence *fb* one hand weeding at 25 DAS is effective for weed control in radish.

Carrot

- Application of Pendimethalin 30 EC @ 1.0 kg/ha as pre-emergence *fb* one hand weeding at 25 DAS is effective for weed control in carrot.

Pea

- Spray Hexaconazole 5% EC @1.0 ml/l at disease initiation and repeat at 15 days interval as per need for the control of powdery mildew disease in pea.

TEACHING**Agriculture University (AU), Kota****RAWE and AIA orientation programme**

College of Agriculture, Kota, and Hindoli, and College of Horticulture and Forestry, Jhalawar organized the RAWE and AIA orientation programme under the Student READY scheme from 28 August to 4 September 2025; 1-7 September 2025; and 1-14 September 2025, respectively. The objective was to acquaint B.Sc. (Hons.) Ag. final year students with the purpose, structure, and expectations of the RAWE and AIA programmes. Experts explained that the RAWE programme enables students to gain practical exposure to rural life, farming systems and extension activities in villages, whereas the AIA programme offers hands-on experience in agro-industries, processing units and agribusiness enterprises.



Glimpses of RAWE and AIA Orientation Programme

Special Lectures

- A special lecture was delivered on the topic entitled Role of Agriculture in Indian Economy, by Dr Pratap Singh Birthal, ICAR National Professor and Director, National Institute of Agricultural Economics and Policy Research, New Delhi on 21 August 2025 at College of Agriculture, Kota. Dr Birthal interacted with the B.Sc. and M.Sc. Agriculture students and motivated them to participate in development of Indian economy.



Lecture Delivered by Dr Pratap Singh Birthal, ICAR National Professor and Director, National Institute of Agricultural Economics and Policy Research, New Delhi

- A Special Lecture on Smart Farming Technologies for Sustainable Food Security, was delivered by Dr Virendra Nepalia, Former Professor, Maharana Pratap University of Agriculture and Technology, Udaipur on 25 August 2025 at College of Agriculture, Ummadganj, Kota. Dr Nepalia briefed students and staffs about Smart Farming Technologies for Sustainable Food Security.



Lecture Delivered by Dr Virendra Nepalia, Former Professor, MPUAT, Udaipur

- A Special Lecture on Challenges, Emerging Issues and Opportunities in Agricultural Education, was delivered by Dr R.C. Agarwal, Former Deputy Director General, (Agricultural Education), ICAR, New Delhi on 26 August 2025 at College of Agriculture, Kota. Dr Agrawal emphasized on keeping the positive attitude in life and motivated the students to achieve their goal with high spirit.



Lecture Delivered by Dr R.C. Agarwal Former DDG, Agril. Edu., ICAR

Common Induction-cum-Orientation Programme for Newly Recruited Teaching Staffs

AU, Kota organised one-month training on Common Induction-cum Orientation Programme for Newly Recruited Teaching Staffs (Professor, Associate Professor/Sr. Scientist and Head, Assistant Professor, Assistant Librarian and SMS) of the university from 20 August to 20 September 2025. In this programme newly recruited 43 personnels visited various units of the University; NRCSS, Ajmer and CAZRI, Jodhpur. This orientation was organized to



Common Induction-cum-Orientation Programme for Newly Recruited Teaching Staffs

familiarize newly recruited staffs with the vision, mission, organizational structure, policies and functioning of the university. It aims to help them understand their roles, responsibilities and work culture, enabling smooth adaptation to the new environment.

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

The College of Basic Sciences and Humanities (CBS&H), Dr RPCAU, Pusa organized a One-Day Awareness Seminar on Orientation on Student READY Programme under the 6th Dean Committee Curricula on 23 August 2025 at Vidyapati Sabhaghar. The programme was graced by Dr P.S. Pandey, Vice Chancellor along with Deans of various colleges. The technical session featured presentations by Student READY Coordinators from different colleges, who discussed the current status and strategies for effective implementation of the programme. In his presidential address, Dr Pandey emphasized the importance of experiential learning in preparing future-ready agricultural graduates. The seminar witnessed active participation from students and faculty members, making it a successful and enriching event.



Navsari Agricultural University (NAU), Navsari

Drone Pilot Training Certificate Course

A Drone Pilot Training Center was established at the College of Agricultural Engineering and Technology (CAET) and the Polytechnic Agricultural Engineering College, part of Navsari Agricultural University (NAU) in Dediapada. This initiative is a result of a two-year Memorandum of Understanding (MoU) between NAU and Vymannika Aerospace Engineering and Technology, Surat. The center offers a certificate course focused on training pilots to operate agricultural drones for tasks such as pesticide spraying and crop monitoring.



A special event was held at the University Headquarters, chaired by Dr Timur R. Ahlawat, Director of Research and Dean of Postgraduate Studies, alongside Dr P.K. Srivastava, Principal and Dean of CAET. During the program, Dr Ahlawat highlighted the critical role of drones in enhancing agricultural efficiency and productivity. Dr Srivastava encouraged students to embrace mechanization and technology for greater profitability. Dr Z.P. Patel, the Vice Chancellor of NAU and founder of the Drone Pilot Training Center, commended the students for their successful completion of the program and urged them to integrate innovative technologies into the agricultural field.

Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi

From Classroom to Coastline: Third Year B.F.Sc. Students Dive into Marine Fisheries Learning

The third-year B.F.Sc. students of the College of Fisheries, RLBCAU, Datia, undertook an educational state tour to Veraval, Gujarat, and Diu from 2 to 8 August 2025, for marine exposure. The tour

aimed to provide students with practical insights into marine fisheries, fish processing, and coastal biodiversity, complementing their classroom learning.

During the visit, students explored prominent research institutes such as the ICAR-Central Institute of Fisheries Technology (CIFT), Veraval Research Centre, the ICAR-Central Marine Fisheries Research Institute (CMFRI), Veraval Regional Centre, and the College of Fisheries, Kamdhenu University, gaining exposure to ongoing research projects, laboratory facilities, and practical applications in fisheries technology. Industrial visits included Gadre Marine Export Pvt. Ltd, Shailganga; EU Export Unit, Castlerock Fisheries Pvt. Ltd; and the MPEDA Regional Office, where students observed surimi processing, value-added product preparation, cold storage management, seafood export procedures, and regulatory compliance.

The tour also included a short visit to marine fishing craft and ecological and biodiversity observations at Chorwad Beach, Ghogla Beach, Nagaon Beach, and the Somnath coastal region, providing students with a holistic understanding of marine ecosystems.

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

- An educational exposure visit was organized for second-year B.Tech (Dairy Technology) students to Sudarshana Ice and Cold Storage Unit, aimed at enhancing their practical understanding of cold chain logistics and storage systems in the dairy industry.



Students at Exposure Visit to Sudarshana Ice and Cold Storage Unit, at Tinday, Kaliya

- **Visit to Polytechnic College, Jammu** for a practical learning session of 1st and 2nd Year B.Tech Dairy Technology students.



Instructor Demonstrated Different Instruments of Refrigeration and Air Conditioning to Students at the Polytechnic College

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K), Srinagar

SKUAST-K Wadura campus holds Orientation Programme for New Batch of B.Sc. Agriculture 2025 Students to acquaint the newly admitted B.Sc. Agriculture students with the academic environment, curriculum structure, institutional facilities, and opportunities available at SKUAST-K.

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai

B.Tech. (Food Technology) was started in College of Poultry Production and Management, Hosur of TANUVAS from the academic year 2025-26.

University of Agricultural Sciences (UAS), Bengaluru

Agromony: Three new courses were introduced for UG students
Title and Cr. Hrs.

- Course No. SMDC 121 Farming based livelihood system (2+1)
- Course No. SAGR 212 Crop production technology-I (*Kharif* crops) (1+2)
- Course No. SAGR 213 Principles and practices of Natural farming (1+1)
- **Launch-cum-Inauguration of Samsung Innovation Campus (SIC III) AI Certification Training Course:** The SIC III AI Certification Training Course was inaugurated on 12 September 2025, for PG and Ph.D. students of UASB. This three-month course aims to equip students with essential skills in artificial intelligence.
- **ConSEPT2025 – KSK-MUK Memorial Lecture Series** held on 27 September 2025 at UAS Bengaluru: The Department of Crop Physiology, University of Agricultural Sciences (UAS), Bengaluru, hosted ConSEPT2025 – the KSK-MUK Memorial Lecture Series on the theme Power of Plant Physiology in the Multi-Omics Era: Connecting the Dots. The event brought together alumni, scientists, industry professionals, early-career researchers, and students to explore the integration of plant physiology with omics technologies.
- Organized Guest Lecture on Applications of IoT and industrial automation in agriculture and related fields on 08.09.2025 at CoAE, GKVK for III B. Tech students from Sunbio IT Solutions.



Students Attending the Guest Lecture at COAE, GKVK

EVENTS and ACTIVITIES

Acharya N.G. Ranga Agricultural University (ANGRAU), Guntur

57th ANGRAU-Annual Convocation held on 24.07.2025

Acharya N.G. Ranga Agricultural University has conducted the 57th Annual convocation for the year 2023-24 on 24 July 2025 at Swarna Bharat Trust, Atkur, Near Gannavaram, Vijayawada, Andhra Pradesh.

Shri S. Abdul Nazeer, Hon'ble Governor of Andhra Pradesh and Chancellor, ANGRAU delivered Convocation address.

Shri A. Venu Prasad, IAS (Retd.), Member, NRI Commission for Punjab and Former Special Chief Secretary to the Government of Punjab delivered Chief guest address.

A total of 1,420 Under graduate students, 196 Master's students and 46 Doctoral students qualified to receive their degrees.

ANGRAU has instituted two National Awards for Excellence in Agricultural Research in the name of Dr M.V. Reddi and Shri V. Ramachandra Rao (developed two Mega rice varieties, viz., BPT 5204 (Samba Mahsuri) and MTU 7029 (Swarna), respectively), to recognize the outstanding Research achievements of the scientists in any discipline of agriculture throughout India to be presented in the Annual Convocation initiated from 2022 onwards.

The recipients of the awards for the year 2023-24 are:

- Dr M.V. Reddi National Award for outstanding Research Scientist in Agricultural Sciences - Dr Prasanta K. Dash, ADG-Commercial Crops, ICAR, Krishi Bhawan, New Delhi.
- Shri V. Ramachandra Rao National Award for outstanding Research Scientist Award in Agricultural Sciences - Dr P.V. Satyanarayana, Director of Research, ANGRAU, Lam, Guntur.



Glimpses of Convocation

Agriculture University (AU), Kota

First Annual Group Meet of AINP on Natural Farming

Agriculture University, Kota and ICAR-IIFSR, Modipuram organised First (XX of Scheme) Annual Group Meet of All India Network Programme on Natural Farming at Agriculture University, Kota from 26 to 28 September 2025. During the inaugural session of the AGM, the dais was graced by Dr M.L. Jat, Secretary (DARE) and Director General (ICAR), Dr A.K. Nayak DDG (NRM), Dr S.K. Sharma, ADG (HRM), Dr Rakesh Kumar, ADG (AAF&CC), Dr Sunil Kumar, Director, ICAR- IIFSR, Modipuram, Dr Rakesh Kumar, ADG (AAF&CC) and Shri Tarachand Goyal, GGVS, Kota and Vice Chancellor, AU,

Kota. In this three-day meet, notable participation was observed from scientists representing 20 centres from 16 states, extension scientists from 15 NGOs and Krishi Vigyan Kendra across the country, Padma Shri awardee and a progressive farmer Shri Hukum Chand Patidar, progressive farmers from Gujarat, university officials, faculty members, students, scientists from local ICAR institutes, and officers from the Department of Agriculture. The meeting included detailed discussions on research, innovations and future action plans related to natural farming.



Dr M.L. Jat, Dr A.K. Nayak and Dignitaries
Releasing Publication During AGM

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

4th Convocation

The 4th Convocation Ceremony of Dr Rajendra Prasad Central Agricultural University, Pusa, was held with great grandeur on 17 July 2025. The event was graced by Shri Shivraj Singh Chouhan, Union Minister of Agriculture and Farmers' Welfare, as the Chief Guest. Distinguished guests included Shri Ram Nath Thakur, Union Minister of State for Agriculture; Shri Vijay Kumar Sinha, Deputy Chief Minister of Bihar; Shri Maheshwar Hazari, Minister of Information and Public Relations, Bihar; Smt Shambhavi, Member of Parliament, Samastipur; Dr M.L. Jat, Secretary, DARE and Director General, ICAR; Dr Prem Lal Gautam, Chancellor Dr RPCAU, and Dr P.S. Pandey, Vice Chancellor. A total of 882 students were conferred with degrees, and 37 outstanding students were awarded gold medals in recognition of their academic excellence.

In his address, Shri Chouhan applauded the university's research in litchi, makhana, and mushroom, and motivated the graduates to pursue innovation in agriculture guided by the ideals of Swami Vivekananda. All dignitaries lauded the university's achievements and extended best wishes for the bright future of the graduates. Shri Shivraj Singh Chouhan, also inaugurated the Vikramshila Hostel and Aryavart International Guest House on the occasion of 4th Convocation on 17 July 2025. He also released three key publications: *Pusa Bihar: The Birthplace of Agricultural Research and Education*; *Deeksharambh 2025*; and *Textbook on Natural Farming*.



Kisan Mela

Farmers' Prosperity through Improved Agricultural Technology

Krishi Vigyan Kendra, Jale, Darbhanga successfully organized two days Kisan Mela on 21-22 September 2025 on the theme of "Farmers' Prosperity through Improved Agricultural Technology".

Kisan Mela was inaugurated by the chief guest, Former Union Minister of Agriculture and Farmers' Welfare, and Member of Parliament, Motihari (Bihar), Shri Radha Mohan Singh. The occasion was also graced by Jagadguru Radha Vallabh Das Devacharya; Dr Jivesh Kumar, Minister, Department of Urban Development and Housing, Government of Bihar, MLA of Hayaghat, Shri Ramchandra Prasad and Senior officials of Dr RPCAU, Pusa. On the second day, the Chief Guest, Dr Prem Kumar, Minister of Cooperation, Government of Bihar and Dr Jivesh Kumar, Minister, Department of Urban Development and Housing, Government of Bihar graced the occasion with their presence and valuable contribution. More than 4,000 farmers participated in the event and they were given detailed information about various government schemes aimed at agricultural development and farmers' welfare.



Glimpses of Kisan Mela 2025 at KVK-Jale, Darbhanga

Samman Samaroh-sah Krishi, Pashudhan evam Mattasaki Vikash Mela-2025

Samman Samaroh sah Krishi, Pashudhan evam Mattasaki Vikash Mela, was successfully organized by KVK-Piprakothi, Motihari on 01-02 September 2025. The inaugural session was graced by Deputy CM, GOB, Shri Samrat Chowdhury; Shri Nitish Bharadwaj, Ex- MP and Shri Radha Mohan Singh, MP, Motihari and Ex-Union Minister of Agriculture and Farmers' Welfare, Shri Krishnanandan Paswan, Minister of Sugarcane, GOB, Shri Hari Sahni, Minister of BC and EBC, GOB, Shri Janak Chamar, Minister of SC and ST Welfare, GOB, Vice Chancellor, Dr RPCAU, Dr P.S. Pandey, Dr Sanjay Srivastava, VC, MGCU, Motihari; Shri Pramod Kumar, MLA, Motihari; Shri Rana Randhir Singh, MLA, Madhuban; Shri Shyam Babu Prasad Yadav, MLA, Pipra; Shri Sunilmani Tiwari, MLA, Govindganj; Shri Lalbabu Prasad Gupta, MLA, Chiraiya; Shri Lallan Sahni, Adhyaksh, Machuara Aayog, GoB; Dr Anjani Kumar, Director, ICAR-ATARI; Lal Babu Prasad, Chairman, Kisan Samman Samaroh Aayojan Samiti; Shri Ashok Paliwal, State Marketing Head, IFFCO; Anupam Kumar, Unit Head, Mother Dairy; Rajiv Kumar, Chairman, Bapudham Milk Producer Company; and Dr S.K. Purbey, Director, ICAR-MGIFRI. This program was dedicated towards the contribution of eminent old age farmers in agriculture and allied sectors like livestock production and fisheries of the district and this marked the felicitation of 50 farmers. The program was followed by farmer fair and participation of line departments, different KVKs of the state, different units/departments of Dr RPCAU, Pusa, ICAR institutes, other private and government organisations and the farmers. The event marked participation of more than 2000 farmers.

On the second day of the fair, Ex Union Minister of Agriculture and Farmers Welfare chaired the session as Chief guest in the programme on Mahila Kissan Sammelan, which marked felicitation of eminent women entrepreneur.



Glimpses of Samman Samaroh-Sah-Krishi, Pashudhan Evam Mattasaki Vikas Mela-2025

Workshop on Climate Smart Agriculture and Nutrition Improvement

The 2-day workshop on Climate-Smart Agriculture and Nutrition Improvement, was organized by College of Community Science, Dr RPCAU with the support of UNICEF from 07 to 08.07.2025. Vice Chancellor in his inaugural address highlighted the challenges posed by climate change and malnutrition, stating that this workshop is a commendable example of a collective effort made through the active participation of various departments. He emphasized that linking climate-smart agriculture with nutrition improvement can form a strong foundation for sustainable rural development. The workshop was attended by scientists and officials of UNICEF.



Integrated Fish Farming Training

A 6-day residential training programme on Integrated Fish Farming for Better Production, concluded at the Directorate of Extension Education, Dr Rajendra Prasad Central Agricultural University (RPCAU), Pusa, from 28 August to 2 September. The training programme was sponsored by the Directorate of Fisheries, Department of Animal and Fisheries Resources, Government of Bihar. Trainees (30) from Purnea district participated in the training. More than 20 technical sessions were conducted during the programme. In addition, the fish farmers visited the College of Fisheries, Dholi, and the Baba Fish Hatchery, Mutlupur, as part of the exposure visits.



Training on Plant Protection

A 3-day residential training program on Recent Advances in Plant Protection with Special Reference to *Rabi* Crops, was held from 8 to 10 September 2025, at the Directorate of Extension Education, Dr Rajendra Prasad Central Agricultural University, Pusa. This training program is funded by Bameti Bihar Patna, Government of Bihar. More than, 30 progressive



farmers/extension functionaries from Saharsa, Sitamarhi, East Champaran, Supaul, and Madhepura districts participated in the training programme.

Training for Krishi Sakhis

A 5-day training program for *Krishi Sakhis* under the National Mission on Natural Farming was organized at Dr Rajendra Prasad Central Agricultural University, Pusa, from 8 to 12 September 2025 with the participation of 25 *Krishi Sakhis* from Samastipur district. The inaugural session was chaired by Vice Chancellor, Dr P.S. Pandey, during which the training manual *Natural Farming: Concepts and Components*, was released by the scientists of the School of Natural Farming. The participants were trained in natural formulations like *Jeevamrit*, *Ghana Jeevamrit*, *Brahmastra*, *Agneyastra*, and *Neemastra*, and also visited model farms at the university campus and Bejha village, Muzaffarpur. The valedictory session included certificate distribution and sharing of experiences, in the presence of senior officials of the district agriculture and allied departments, university directors, deans, scientists, and students of the School of Natural Farming.



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

Pashu Palan Mela

Pashu Palan Mela of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana was held on 26-27 September 2025. S. Harchand Singh Barsat, Chairman, Punjab Mandi Board inaugurated the Mela.

Dr J.P.S. Gill, Vice Chancellor emphasized the importance of young livestock care, endorsing the Mela slogan *Kattru-Vachhru da Suchja Parbandh, Banaye Dairy Kitte nu Lahewand*. He underpinned that investing in the early care of calves and chicks is crucial for enhancing productivity and reducing long-term costs. A highlight of the Mela was the Chief Minister Awards conferred on four progressive farmers for excellence in cattle farming, poultry farming, and value-added livestock products. The Mela featured over 100 stalls showcasing the University's research, teaching and extension initiatives, cutting-edge technologies, livestock breeds, feed supplements and value-added products. Departments such as Animal Husbandry, Dairy Development, and Fisheries of Punjab Government exhibited their services, and renowned veterinary pharma firms, livestock equipment companies, feed manufacturers and Self-Help Groups trained by the University also put up their stalls.

Shri Rahul Bhandari, IAS, Financial Commissioner, Animal Husbandry, Dairy Development and Fisheries Department, Government of Punjab, was the Chief Guest on the concluding day. Shri Bhandari praised the contribution of the University in ascendancy of the livestock sector of the state and called for greater village-level outreach. The Vice Chancellor announced the establishment of a



modern feed testing lab, new large animal and equine hospitals. The Pashu Palan Mela served as a platform for technology transfer, farmer engagement, and fostering innovation in Punjab's livestock sector.

Dairy Farming Training Programme

The University organized an intensive two-week Dairy Farming Training Programme, and 63 trainees participated. The key areas covered during the training included modern housing systems for dairy cattle, balanced ration formulation, mastitis prevention and control, vaccination schedules, clean milk production, reproductive health, biosecurity measures and marketing strategies for milk and value-added products. A special session was conducted by a team from Bank of Baroda, guiding participants on financial schemes and loan facilities tailored to livestock-based enterprises. Presiding over the valedictory function, Dr J.P.S. Gill, Vice Chancellor said that dairy farming, being the cornerstone of Punjab's agrarian economy, holds vast promise for self-employment, entrepreneurship and sustainable income generation, particularly for rural youth and women.



Open Dialogue on Cheese Prospects

College of Dairy and Food Science Technology hosted an open dialogue on Cheese and its Prospects in Punjab, bringing together major stakeholders to explore opportunities in the \$98 billion global cheese market. In his opening remarks, Dr J.P.S. Gill, Vice Chancellor, along with Dr R.S. Grewal, Director Extension Education, emphasized the urgency of transforming Punjab into a premium cheese hub, highlighting rising global and domestic demand for specialty cheeses. Attendees sampled a variety of cheeses standardized by the University scientists, showcasing local expertise. Adding to its achievements, the University envisaged to officially launch goat cheese, marking another milestone in diversifying the state's cheese portfolio and tapping into the growing niche market for healthy, high-value dairy products. A presentation by the college outlined market trends, economics, and trade potential for premium cheeses, sparking lively discussion among participants.



Shri Daljit Singh, President, Progressive Dairy Farmers Association (PDFA), praised the University for providing a platform to assess the cheese market's potential and appreciated a surge in young entrepreneurs returning from abroad to establish commercial dairy farms. The Dean of the college encouraged PDFA to incubate cheese-making ventures at the University, offering full technical support and guidance to help produce high-quality cheeses in Punjab.

While concluding, the Vice Chancellor reaffirmed the University's openness to partner with all stakeholders, farmers, processors, retailers, and deliver tailored research solutions to industry challenges.

Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur Workshop on International Educational Research Cooperation in Agriculture

One-day Brainstorming workshop in International Educational Research between IGKV and Denau Institute of Entrepreneurship and Pedagogy (DIEP), Uzbekistan, was held on 21 August 2025. During this seminar an MoU was signed between both the Institutes. Prof. Rosiv was the Chief Guest at the workshop.



Training

Training on Advanced Fish seed production: Five-day training on Advanced Fish Seed Production, was concluded at Krishi Vigyan Kendra, Indira Gandhi Agricultural University, Raipur. Earlier, on the occasion of National Fish Farmers Day, this program was inaugurated on 10 July 2025 by Dr S.S. Tuteja, Director Extension Services, in presence of Dr M.S. Chari, Professor (Retd) and Dr Gautam Roy, Head of Krishi Vigyan Kendra, Raipur. In this training, fish farmers from various districts of Chhattisgarh state as well as West Bengal, Andhra Pradesh, Maharashtra, Bihar, Odisha also participated. Apart from this, Mr Revati Singh from Nepal also participated making his presence as the fifth International Student in last 4 years.



There is a special demand among fish farmers to take advance fish seed production training. KVK, Raipur organized the training during which training was given on breeding and advance seed production of Indian major carp and Indian cat fish. Through this training, the trainees were taught theoretically and practically about brood stock management, artificial breeding, nursery management, etc. In this training, special emphasis was given on hatchery management.



Training on Use of Drone in Agriculture

A seven-day Training Programme on Use of Drone in Agriculture, from 31 July to 6 August 2025, was held at College of Agriculture, Raipur under the joint aegis of Placement Cell, IGKV and AI India Integrated Weed Management Project and New Sky-Kalash Ventures. During this programme Dr Girish Chandel, Vice Chancellor, IGKV was the Chief Guest. Addressing the trainees, he expressed his views on the effective use of drones in modern agriculture and monitoring of crops in modern agriculture and monitoring of crops through it.



Induction Programme Inauguration

A 14-day Induction Programme was inaugurated on 18 August 2025 by Prof. Rajiv Prakash, Director, IIT, Bhilai as a Chief Guest to make the students of the newly admitted graduate course in the education session 2025-26 in the education session 2025-26 under the National Education Policy 2020 at Indira Gandhi Krishi



Vishwavidyalaya (IGKV), Raipur. Students of all agricultural colleges operating under IGKV, Raipur campus participated and students of out campus joined online. Prof. Rajiv Prakash while extending a bright future to the newly enrolled students, said that after many years of the country's independence, the initiative has been taken to connect the students with the Guru-Shishya tradition by implementing the National Education Policy 2020 and in this episode, initiation programmes are being organized in various universities and colleges.



Presiding over the programme Dr Girish Chandel, Vice Chancellor, said that this university is a premier institution of the state dedicated to excellence in agricultural education, research and dissemination.

Maharana Pratap Horticultural University (MPHU), Karnal Krishi Mela (Rabi) – 2025

Organised Exhibition stall of University by Directorate of Extension Education, MHU, Karnal during State Level Special Programme on 21.09.2025 by Government of Haryana and Krishi Mela (Rabi) – 2025 by CCSHAU, Hisar from 21-22 Sep 2025 at its campus.

The Chief Minister, Haryana, Shri Nayab Singh Saini ji was the Chief Guest on the occasion of State Level Special Programme organized at CCSHAU, Hisar jointly with Krishi Mela (Rabi-2025). The Chief Minister also inaugurated the Krishi Mela (Rabi-2025) at CCSHAU, Hisar on 21.09.2025. Krishi mela was attended by 1,500 farmers. The highlights of the mela were:

- Technical guidance and display of various horticultural technologies through live samples and extension literature like Posters, Leaflets and *Haryana Baagwani* a Hindi magazine of the University.
- Cultivation of various types of mushroom – Technical guidance and display of mushroom cultivation technology and various value-added products of mushrooms.
- Display of value-added products of fruits and vegetables.
- Showcasing of value-added products of flowers.
- Showcasing of technology regarding protected cultivation of vegetable crops.
- Showcasing of technology regarding cultivation of medicinal plants and spices crops.
- Showcasing of honey and other technologies related plant protection.

Shri Pankaj Agarwal, IAS, Principal Secretary, Agriculture and Farmers' Welfare, Government of Haryana also visited the MHU Exhibition stall and interacted with Director Extension Education and Dean, College of Horticulture, and Scientists of University present at Exhibition stall.



Navsari Agricultural University (NAU), Navsari **State Level Seminar on Beekeeping and Mushroom Cultivation**

The Department of Entomology, NMCA, Navsari Agricultural University, Navsari organized a one-day state level seminar on Beekeeping and Mushroom Cultivation, in association with the Plant Protection Association of Gujarat on 3 September 2025. Around 400 farmers, students and scientists participated in this seminar.



Glimpses of Seminar on Beekeeping and Mushroom Cultivation

Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

64th Foundation Day

OUAT celebrated its 64th Foundation Day on 24 August 2025 in its main campus at Bhubaneswar. Hon'ble Governor of Odisha and Chancellor, OUAT was the Chief Guest of this function. Deputy Chief Minister, Odisha and Pro-Chancellor, OUAT; Minister of State for Fisheries and ARD and MSME, Odisha and MLA Ekamra- Bhubaneswar Assembly Constituency were other dignitaries on the dais.



64th Foundation Day of OUAT

Annual Group Meet of AICRN on Potential Crops

The XI Rabi Group meet of AICRN on Potential Crops was successfully organized at OUAT, Bhubaneswar on 24 September under the chairmanship of Vice Chancellor OUAT. ADG (Seeds) and Director, NBPGR were amongst the distinguished guests who graced the occasion.

Kisan Mela

A mega Kisan Mela and industry conclave of fisheries sector was organized at the College of Fisheries on 13.7.2025 in presence of the Minister for Commerce, Transport, Steel and Mines, Government of Odisha; Shri S.K. Vashishth, Principal Secy, F&ARD, Odisha; Dr B.K. Behera, Chief Executive, NFDB, Hyderabad; Dr J.K. Jena, Deputy Director General (Fisheries Sc. & Edn.), ICAR, New Delhi along with other dignitaries of fishery sector.

Workshop Organized

A workshop entitled OUAT-Western Sydney University Collaboration: Promoting Academic Excellence, was organized on 24.07.2025 at OUAT. Dr Sindhu Sheoran, Senior Research Programme Coordinator of Western Sydney University (WSU), Australia appraised the faculty members and

students about the scope and provision of pursuing higher study and obtaining dual degree in WSU. Dr Kopal Chaube, Lead International Collaborations and Partnership of WSU assured all assistance in filling application and admission process.

Training

A 21- day National Training programme on Recent Technologies of Agriculture, Horticulture and Livestock based Integrated Farming Systems for Doubling Farmers Income, was organized from 5 to 25 August 2025 at RRTTS, Bhawanipatna in collaboration with College of Veterinary Science and Animal Husbandry, OUAT, Bhubaneswar and National Agriculture Development Cooperative Ltd, Baramula.

Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi

30th Annual Group Meet of All India Coordinated Research Project (AICRP) on *Rabi* Pulses

The 30th Annual Group Meet of All India Coordinated Research Project (AICRP) on *Rabi* Pulses was organized during 19-21 August 2025. Dr M.L. Jat, Secretary DARE and Director General, ICAR, New Delhi, chaired the inaugural session and brainstorming session on Roadmap for attaining self-sufficiency in pulses production. The inaugural session was also graced Dr D.K. Yadava, DDG (Crop Science), ICAR; Shri Sanjay Kumar Agrawal, Joint Secretary, DA&FW, GoI, Prof. A.K. Singh, Vice Chancellor, RLBCAU, Dr Sanjeev Gupta, Assistant Director General (Oilseeds and General) and Directors from different ICAR institutes. Dr M.L. Jat outlined a comprehensive roadmap for strengthening research and development for pulses. He also emphasised the need to enhance productivity and area expansion, while highlighting the vital role of pulses in enriching soil health, providing protein-rich nutrition to humans, and sustaining ecosystem balance. He suggested that scientists should focus on designing high-yielding cultivars suitable for surface seeding, relay cropping, stress-prone areas, and high/low input areas. The group meeting was attended by more than 175 scientists from various organisations, including State Agriculture Universities, BARC, ICRISAT, ICARDA, and ICAR institutes.



In his presidential remarks, Prof. A.K. Singh highlighted untapped potential of Bundelkhand in pulses and oilseeds, citing the potential of mustard, groundnut, and summer mung bean.

Joint Secretary, DA & F, Shri Sanjay Kumar Agrawal, briefed on the pulse mission and other government initiatives, and he presented the current scenario of pulses. Dr D.K. Yadava, Deputy Director General (Crop Sciences), ICAR, said that scientists should make efforts to develop production and protection technologies to minimise crop loss due to weeds, disease, and insect pests. He further emphasised that efficient data management will be instrumental in better planning and monitoring of pulse development. Dr S.K. Chaturvedi, Director of Research, welcomed the dignitaries and participants. Dr G.P. Dixit, Director of ICAR-IIPR, Kanpur, presented the R&D activities of *Rabi* Pulses in India. Dr Shailesh Tripathi, Project Coordinator for *Rabi* Pulses, discussed the progress and achievements of *Rabi* Pulses over the past year.

On 21 August 2025, the valedictory session was chaired by Prof. A.K. Singh and Dr Sanjeev Gupta, ADG (Oilseeds and Pulses), Dr G.P. Dixit, Director, ICAR- IIPR, Kanpur, Dr Shailesh Tripathi, Project Coordinator, *Rabi* Pulses, and Dr S.K. Chaturvedi, Director Research. Dr Shailesh Tripathi, Project

Coordinator, *Rabi* Pulses, presented recommendations for three-day sessions. In their concluding remarks, the dignitaries emphasised the need for enhancing the productivity of *rabi* pulses, strengthening varietal development and protection strategies, improving soil health, promoting sustainable technologies, and localised research efforts to achieve the vision of Atmanirbhar Bharat in Pulses.

Training

Summer School Training on Techniques in Mass production and quality control of microbial bio- pesticides'

A Summer School Training on Techniques in Mass Production and Quality Control of Microbial Bio-pesticides, sponsored by the Uttar Pradesh Council of Agricultural Research (UPCAR) was conducted at Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi, from 16 to 23 September 2025. A total of 17 participants from seven states attended the programme, representing State Agricultural Universities, ICAR institutes, and Krishi Vigyan Kendras. The participants included Assistant Professors, Scientists, and Subject Matter Specialists. The inaugural programme was presided over by the Vice Chancellor, Dr A.K. Singh, while Dr Sanjay Kumar Singh, Director General, UPCAR, graced the occasion as the Chief Guest. On this occasion, a training manual titled Techniques in Mass Production and Quality Control of Microbial Bio-pesticides, was released by the dignitaries and distributed among all participants.



The week-long training featured expert lectures by eminent Plant Pathologists, complemented by hands-on practical sessions in the laboratory. The practical component covered key areas such as isolation and identification of *Trichoderma* spp., bioassay methods for evaluating biocontrol potential, mass multiplication techniques, preparation of fermentation media, isolation and preservation of microbial bioagents, formulation technology (solid and liquid), quality testing, bio-efficacy assessment of entomopathogenic fungi (EPFs), and field application method.

The training was coordinated under the leadership of Dr P.P. Jambhulkar, Professor and Head, Department of Plant Pathology, who served as the Course Director.

Stakeholders Consultation Meeting on Promotion of Groundnut and Sesame Production in Bundelkhand region

A stakeholder consultation meeting on Promotion of Groundnut and Sesame Production in Bundelkhand region, was organised at Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi, on 28-29 August 2025. The objective of the meeting was to review the current status, challenges, and opportunities in groundnut and sesame production in Bundelkhand, and to draw a roadmap for enhancing productivity, profitability, and sustainability. To facilitate interaction between scientists and farmers, a field visit



was organised, which was attended by more than 240 farmers from Jhansi and adjoining districts. Along with the farmers, scientists, and development practitioners from key agricultural institutions, viz., IOPEPC, Mumbai; ICRISAT, Patancheru; GRC, Junagadh; BUAT, Banda; Agriculture

Department, Jhansi; RVSKVV, Gwalior; FPOs of Jhansi and KVKs of Jhansi, Datia, Shivpuri, and Lalitpur.

MPEDA-funded Training on Value Added Fish Products organised at College of Fisheries, Datia

The Marine Products Export Development Authority (MPEDA), Regional Division Mumbai, Ministry of Commerce & Industry, Government of India, in collaboration with the College of Fisheries, Rani Lakshmi Bai Central Agricultural University (RLBCAU), Datia, successfully organised a one-day training on the preparation of value-added fish products on 20 August 2025. Value-added fish products such as acetes chutney



powder, fish balls, fish bread pakoda, and fish pickle were demonstrated. A hands-on session was organized for 20 SC farmers and fishers to familiarize them with technologies and market opportunities related to fish-based value-added products. The programme emphasized the importance of diversification in fish utilization to increase farmers' income and promote nutritional security in the Bundelkhand region. Experts highlighted the scope of value-added products in both domestic and export markets. Participants actively engaged in practical demonstrations, gaining confidence in adopting small-scale processing as an additional livelihood option.

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

9th Convocation of SKUAST-J Jammu, 4 August 2025

SKUAST-Jammu, a premier ICAR-accredited 'Grade A' institution, marked a significant academic milestone by celebrating its 9th Convocation, Main Campus, Chatha. Hon'ble Lieutenant Governor of Jammu and Kashmir, Shri Manoj Sinha, graced the convocation ceremony as the Chief Guest.

Addressing the gathering, Shri Sinha extended his heartfelt congratulations to the graduating students, faculty, and staff on completion of 25 glorious years of the university, since its establishment in 1999. He applauded the institution's contribution to agricultural transformation, and emphasized the importance of giving back to society through innovation, service, and ethical leadership. Hon'ble Lieutenant Governor highlighted the Holistic Agriculture Development Programme (HADP) and the Government of India's commitment to empower over 2.5 lakh farmers, generate 2.8 lakh jobs, and establish 19,000 agri-enterprises in J&K through comprehensive agricultural and allied sector reforms. He appreciated SKUAST-Jammu's successful implementation of all 29 HADP projects, its agri-business incubation centre and international linkages as evidence of the university's role in ushering socio-economic change. He applauded SKUAST-Jammu's efforts in creating a strong startup ecosystem, mentioning that the Agri-Business Incubation Centre incubated over 100 startups and helped 31 of them secure grant-in-aid support worth ₹3.33 crore from the Government of India. Shri Sinha acknowledged the university's extensive contribution to varietal development and technology transfer, including the release of over 50 improved varieties of cereals, pulses,



oilseeds and horticultural crops, and the promotion of tools which enhance resource use efficiency and support climate-resilient farming. Hon'ble LG also emphasized inclusive growth and the need to empower women, marginal farmers and rural youth. Chief Minister, Omar Abdullah, present as the Guest of Honour, praised the University for its achievements in academic excellence, research, innovation, and extension. He noted the significant strides made in promoting organic farming, GI-tagged specialty crops, and climate-resilient agriculture. He urged the graduates to be drivers of inclusive growth, especially in the context of the UT's heavy dependence on agriculture, where 70% of the population is engaged in farm-based livelihoods. Also present on the occasion were Minister of Agriculture and Farmers' Welfare, Shri Jave Ahmed Dar; Chief Secretary Shri Atal Dulloo; and Principal Secretary Shri Shailendra Kumar. Each dignitary congratulated the university on its silver jubilee and commended the Vice Chancellor and faculty for aligning SKUAST-Jammu's vision with national priorities such as NEP-2020, Start-Up India, and Viksit Bharat @2047.

In this convocation UG (243), PG (157) and Ph.D. (46) students were awarded degrees.



9th Convocation of SKUAST-J Held on 4 August 2025

Trainings

- 15-day Certificate Course on Integrated Nutrient Management (INM) was organized by KVK, Jammu from 5 to 23 Aug 2025 with 23 participants.
- Parthenium Awareness Week was organized by KVK, Jammu and KVK, Kathua from 16 to 22 Aug 2025. More than 300 participants attended the programme.
- 7-day Farmers' Training Programme on Scientific Beekeeping integrated with Oilseed Mission under National Beekeeping and Honey Mission (NBHM) was organized by Department of Agriculture, Jammu in collaboration with KVK, Jammu from 18 to 24 Aug 2025. A total of 50 participants attended the programme.



- Crop Insurance Week was successfully conducted by KVK, Samba at villages namely, Purmandal, Nud, Sumb, Rajpura, Ramgarh, Ghagwal, and Samba in close association with department of agriculture from 1 to 7 July 2025. A total of 491 farmers benefited.
- Vocational Training on Round-the-Year Mushroom Cultivation by KVK, Jammu from 22 Sep to 26 Oct 2025. 18 Participants attended the programme.
- 15-Day Certificate Course on Integrated Nutrient Management (INM) was organized by KVK, Kathua from 8 to 26 Sep 2025 with 40 participants.



Training on Gender Responsive Extension Services

The State Agricultural Management and Extension Training Institute (SAMETI), Jammu under the patronage of Prof. B. N. Tripathi, Vice Chancellor SKUAST-Jammu, inaugurated a 4-day training programme on Gender Responsive Extension Services on 18 August 2025. The 04-day programme, from 18-21 August 2025, strengthened the capacities of extension professionals to integrate gender perspectives in agricultural development and service delivery. More than 30 participants from different states of the country participated in this programme.



Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K), Srinagar

6th Convocation

SKUAST-K held 6th Convocation on 4 July 2025 to confer 5,250 degrees across Undergraduate and Postgraduate levels to recognize academic excellence of gold medalists and Certificates of Merit, and to celebrate and promote the university's role in nurturing a workforce skilled in agriculture and allied sciences.

Total degree recipients (5,250): 2,661 degrees (51% of total women recipients); 150 Gold Medals awarded, of which 115 (77%) were awarded to women students; 445 Certificates of Merit and 334 (75%) were earned by female graduates.

This 6th Convocation of the Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K) was graced by several distinguished guests:



SKUAST-K 6th Convocation Held on 4 July 2025 at Main Campus Shalimar

- Chief Guest Shri Shivraj Singh Chouhan, Union Minister for Agriculture and Farmers' Welfare, Rural Development, and Panchayati Raj.
- Presiding Officer, Chancellor of the University: Shri Manoj Sinha, Hon'ble Lieutenant Governor of Jammu and Kashmir.
- Guest of Honour, Pro-Chancellor of the University: Shri Omar Abdullah, Chief Minister of Jammu and Kashmir.
- Other notable attendees included:
 - Shri Surinder Kumar Choudhary, Deputy Chief Minister of J&K.
 - Shri Javid Ahmad Dar, Minister of Agriculture and Farmers Welfare, J&K.
 - Ms Sakina Itoo, Minister for Education, Health and Medical Education and Social Welfare.
 - Shri Atal Dulloo, Chief Secretary of J&K.
 - Shri Shailendra Kumar, Principal Secretary, Agriculture Production.
 - Prof. Nazir Ahmad Ganai, Vice Chancellor of SKUAST-K.

These dignitaries participated in the ceremony, delivered addresses to the graduates, and laid the foundation stone for a new Girls' Hostel at the university.

E-Lunch of 300 Rural Credit Workshops

Kisan Samparak Abhiyan 4.0 was held under JKCIP at Main campus Shalimar with wide farmer participation to facilitate rural credit under JKCIP. Participants (755) including Jenab Omar Abdullah CM UT of J&K, Minister for Agriculture, MLAs, Shri Shailendra Kumar, PS APD, MD HADP/JKCIP, Directors of Line department, Lead Banks, and other dignitaries including farmers from Srinagar, Ganderbal and Budgam Districts participated in the event.



E-Launch of Rural Credit Workshops – Kisan Samparak Abhiyan 4.0 and Release of JKCIP News Letter

Trainings

- One-week long capacity-building programme titled Strengthening Rural Enterprise Ecosystems through Rural Business and Service Hubs (RBSHs), was organized at Main Campus Shalimar to bring together a diverse cohort of rural entrepreneurs, agripreneurs, development professionals, and institutional stakeholders from across the Districts. The programme aims to enhance the managerial, operational, and digital capacities of stakeholders involved in Rural Business and

Service Hubs (RBSHs), in line with the vision of sustainable rural enterprise development. In which about 45 rural youth, RBSH stakeholders, officials from line departments participated.

- 7-day training program on Scientific Beekeeping under the National Beekeeping and Honey Mission, was held at KVK, Ganderbal to build capacity of trainees in scientific beekeeping, and about 45 Rural youth participated as a viable rural enterprise.
- 1-week training program on Sensor based smart Agriculture, was organised by College of Agricultural engineering and Technology SKUAST-K under HADP from 22-28 September 2025 to highlight the role of modern sensor technologies and to enhance agricultural productivity, resource efficiency, and precision farming practices.
- 3-day Training Program on Catalysing Agri Transformation: Leadership, Branding, and Market Power, by IBPR, Shalimar was organized. Its aim was to Design a strategic knowledge intervention and to convene a diverse and dynamic cohort comprising officers of development departments, FPO leaders, agri-startups, and institutional stakeholders in which the presence of international trainers and domain experts. They had deep-dive deliberations and solution-oriented discussions with participants across the three days. About 35 National and International faculty members participated in the event.
- 3-day Training Program on Climate Mitigation and Biodiversity Conservation, for Indian Forest Service (IFS) officers from across the country was organised by SKUAST-K's Division of Basic Sciences and Humanities, Faculty of Horticulture and sponsored by Research and Training Wing of the Union Ministry of Environment, Forest and Climate Change. To enhance their understanding and create actionable strategies for environmental protection and bio-diversity conservation and to gain firsthand experience with key ecosystems of the region. They visited different Biosphere Reserves, the Dachigam National Park, a culturally and ecologically vital lifeline of Kashmir. The 13 participating IFS executives were nominated by the Union Ministry of Environment with an aim to enhance their understanding and create actionable strategies for environmental protection and bio-diversity conservation.



3-Day Training Program on 'Climate Mitigation and Biodiversity Conservation' for Indian Forest Service (IFS) Officers

Conference on Hangul

- 3-day International conference on Hangul and other threatened ungulates conservation, was held at SKUAST-Kashmir. It was organised by Division of Wildlife sciences from 10-12 September 2025 in collaboration with Wildlife Institute of India to promote



3-Day International Conference on Hangul and Other Threatened Ungulates Conservation Organised at SKUAST-K

conservation strategies and strengthen efforts for the protection and management of Hangul and other threatened ungulate species. Experts from Europe, South America, Central Asia, Middle east and India deliberated talks related to the theme.

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai

- 3-day regional workshop on Climate change-based technologies in Pig farming, was organized at Veterinary College and Research Institute, Orathanadu, TANUVAS from 29.07.2025 to 31.07.2025 with the financial assistance of Tamil Nadu State Council of Science and Technology, benefitting 40 pig farmers.



Regional Workshop on Climate Change-Based Technologies in Pig Farming, Held at VCRI, Orathanadu, TANUVAS

- A State Level Workshop on Native Chicken Production on livelihood enhancement for farming community, was conducted on 26.08.2025 at Veterinary College and Research Institute, Orathanadu, TANUVAS, benefitting 76 farmers.



State Level Workshop on "Native Chicken Production on Livelihood Enhancement for Farming Community " Held on 26.08.2025 at Veterinary College and Research Institute, Orathanadu

- Krishi Vigyan Kendra, Kattupakkam of TANUVAS organized Farmers seminar on Natural and Livestock farming, under SCSP 25-26 at Chengalpattu on 12.09.2025. Dr Shaik N. Meera, Director, ICAR-ATARI, Zone – X, Hyderabad, Smt S. Malathi Helen, IAS, Sub-Collector, Chengalpattu graced the occasion.



Farmers Seminar on Natural and Livestock Farming Organized by Krishi Vigyan Kendra, Kattupakkam

- TANUVAS conducted workshops on Conservation of Indigenous Goat Germplasm at Goat Research Centre, Chinnakovilankulam on 19.09.2025 and 20.09.2025, and Capacity Building Programme on Alambadi Cattle Breed Conservation at Pikkili, Dharmapuri district on 26.09.2025 benefitting farming community under the ICAR - NBAGR-Network project on Animal Genetic Resources.

Workshop

A Workshop on Development of Indian standards for veterinary healthcare establishments was organized on 28.07.2025 by Madras Veterinary College, Chennai. A total of 130 from Veterinary Hospital planning and surgical instruments sectional committee (MHD 13) attended the workshop. The Lead speakers were Dr (Prof.) K. M. L. Pathak, Ex-Vice Chancellor, DUVASU, Mathura and Former DDG (AS), ICAR and Mr Vinit Vidyadhar Bansod, Member Secretary and Deputy Director BIS.

Topic covered were Standardization of Veterinary Healthcare Infrastructure; Veterinary Clinics, Dispensary, Polyclinics, Veterinary Hospitals and super- specialty hospitals were also discussed.

FELASA Certificate course in Laboratory Animal Science

A certificate course on FELASA Certificate course in Laboratory Animal Science was organized by TANUVAS, Chennai at Laboratory Animal Medicine Unit, DCAHS during 15-25 July 2025. A total of 24 Veterinarians from all over the country attended the certificate course. The topics covered in the course were: Laboratory animal facility design and husbandry practices; Basic biology and behaviour of rat and mouse; Ethics, animal welfare and implementing 3Rs principle; Legislation in India - lab animal science and experimentation; Genetic monitoring of laboratory animals; Filling of form B of IAEC; Harmonization and standardization, Clinical signs observation; Biostatistics and experimental design; Video lesson on enrichment in laboratory animal facility and transportation; and Video of lab rats in the wild environment; Laboratory animal nutrition; Severity classification and humane endpoints; Reporting of *in vivo* studies; Principles of analgesia and anaesthesia (Basic); Advanced anaesthesia; Principles of surgery; Post-op care in rodent surgery; Suture patterns and techniques – Dasie practical; Video lesson on recognition of pain, suffering and distress and euthanasia; Pain assessment video; Health monitoring of laboratory animals; Fish biology and behaviour; Fish handling and management – Zebrafish.

University of Agricultural Sciences (UAS), Bengaluru

- The University of Agricultural Sciences, Bengaluru organized *Raitha Santhe* on 26 July 2025, 23 August 2025, and 27 September 2025 at GKVK Campus, Bengaluru to educate the general public and farmers about the innovations, technologies and products of the University. More than fifty thousand public and farmers participated in each Santhe and 134 farmers and SHGs exhibited their products.



Glimpse of Raitha Santhe-26 July 2025



Glimpse of Raitha Santhe -23 August 2025



Glimpse of Raitha Santhe -27 September 2025

Trainings

- All India Network Project on Agricultural Acarology at UAS, GKVK, Bengaluru organized two training programmes on Collection, Processing and Identification of Phytophagous Mites, from 22 to 31 July 2025, and Collection, Processing and Identification of Plant-associated Mites, from 5 to 14 August 2025 for scientists, research scholars and post graduate students. The training programmes were attended by 21 trainees including scientists, research scholars and PG students from various parts of the country.
- Institute of Baking Technology and Value Addition center, GKVK, Bengaluru, has conducted a Fourteen-Week Certificate Course in Baking Technology from 11.08.2025 to 17.11.2025 for 31 participants and also Four weeks Baking Course (3 no.) from 07.07.2025 to 01.08.2025, 04.08.2025 to 29.08.2025 and 01.09.2025 to 26.09.2025 for 72 participants.
- Conducted Training Programme at CIDSA Laboratory for B. Tech IV year students under the courses In plant Training and Industrial Attachment, from 07.07.2025 to 14.09.2025 at UAS, Bengaluru.
- The Department of Plant Biotechnology, CoA, GKVK, conducted Hands-on DBT-HRD Training on Advances in genome editing for crop improvement, for PG students of Plant Biotechnology, Biochemistry and Bioinformatics for one-week duration from 8 to 13 Sep 2025 at UAS, Bangalore.
- The Agri Innovation Centre organized the three-day training on Agri Automation and Machine Control training programme held from 17 to 19 September 2025, organised in Collaboration with CIDSA for Startups and Entrepreneurs.
- Organized two-day training programme on Enhancing Livelihood status of the Scheduled Tribe youths through scientific bee keeping and value addition, under TSP grants for the benefit of farmers from 31.7.2025 to 1.8.2025 at College of Sericulture, Chintamani.
- KVK Magadi organized a training on Integrated Farming Practices in Coconut and Arecanut, and National Nutrition Month at Basavanapalya village, Magadi taluk. Farmers and scientists shared experiences, and over 250 participants gained practical knowledge on integrated farming and nutrition, enhancing both productivity and community health.
- The ICAR-KVK, Bengaluru Rural conducted two 6-day training programmes for Krishi Sakhis (Module 3, Batch 2 and 3) in collaboration with Sanjeevini-KSRLPS from 30.06.2025 to 05.07.2025 and 21.07.2025 to 26.07.2025. A total of 64 participants were trained on agronomy aspects, soil health, organic manures, apiculture, Nutri gardens, pest and disease identification, and extension methods.

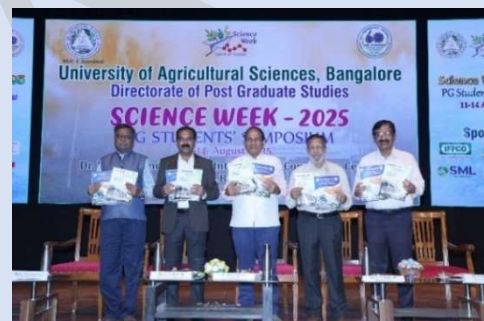
- Agricultural Technology Information Centre, GKV, organized two days paid training programme on Urban Horticulture, from 30-31 July 2025 for 30 selected candidates.

Organic farming training for Ex-Servicemen

ICAR-KVK Tiptur, Tumkur-I organized a 2-day (28/09/2025 and 29/09/2025) training programme on Organic Farming exclusively for Ex-Servicemen. Participants received hands-on training to learn the preparation techniques of Beejamrutha, Jeevamrutha, Panchagavya, and Ghana Jeevamrutha and practical methods of field application. A total of 30 ex-servicemen farmers registered and actively participated in the programme.

PG Science Week-Student Symposium

The Directorate of Postgraduate Studies, UAS Bengaluru, hosted the PG Science Week Student Symposium from 11-14 August 2025 featuring 270 poster presentations by Master's students and 96 oral presentations by Doctoral students, the event was inaugurated by Dr R.C. Agrawal, former DDG (Education), ICAR, New Delhi.



Dr R.C. Agrawal, Former DDG (Education), ICAR, New Delhi Inaugurated the PG Science Week 2025

Celebration of World Coconut Day

ICAR-KVK, Tiptur conducted a world coconut day celebration with the association of parachute oil foundation at Gopalapura village of Tiptur taluk on 06/09/2025. Farmers gained knowledge on coconut farming, integrated crop management, inter-cropping, nutrient and water management, and pest and disease management in coconut.

- Agricultural Technology Information Centre, GKV, organized two-day paid training programme on Urban Horticulture from 30-31 July 2025 for 30 selected candidates.



Dr K.P. Raghuprasad, Associate Director of Extension, ATIC Inaugurated Programme



Hands on Training on Preparation of Pot Mixture and Potting/Repotting

University of Agricultural Sciences (UAS), Dharwad

Krishi Mela-2025

The University of Agricultural Sciences (UAS), Dharwad successfully organized Krishi Mela-2025, a four-day mega agricultural fair was held under the theme— Soil Health and Traditional Varieties for

Nutritional Food Security. The event attracted an impressive 23.74 lakh visitors, serving as a dynamic platform for farmers, scientists, students, and agri-entrepreneurs to exchange ideas on sustainable farming, traditional crop conservation, and agricultural innovations.

Day 1: Traditional Varieties and Sustainable Farming

The inaugural seminar on Importance and Conservation of Traditional Varieties, emphasized agricultural biodiversity and its role in ensuring food and nutritional security. Dr B.D. Biradar, Director of Research, UAS, Dharwad, highlighted efforts in conserving region-specific crops and their adaptability to climatic stress. Conservationist Dr Shankar Langati showcased indigenous rice varieties such as Burma Black, Kari Akkalisali, Antarasali, and Basmati Kempakki.

Sessions on Value Addition to Agricultural Produce and Nutritional Food Security, led by Dr Usha Malagi and Dr Sunanda Itagi underlined the importance of nutrient-rich crops and value addition for farmers' prosperity.

Training programmes at the Farmers' Knowledge Centre demonstrated techniques for achieving higher sugarcane yields, while the Farmer-to-Farmer Programme promoted low-cost, organic, and integrated farming systems.

The afternoon Kannada Krishi Goshti blended agriculture with culture. The Channaveera Kanavi Best Kannada Article Award, was presented to Dr Anilkumar Mugali for his article *Hosa Moudhyagalind Mukti*.

Day 2: Seed Mela and Soil Conservation

The Seed Mela was inaugurated by the Hon'ble Governor of Karnataka and Chancellor of UAS Dharwad, Shri Thawar Chand Gehlot, who appreciated the university's efforts in promoting traditional seeds. Vice Chancellor Dr P.L. Patil remarked that "Seed is the dream of future agriculture," encouraging farmers to adopt improved varieties.

An interactive session on Soil Conservation for Sustainability and Natural Farming featured Shri Basavananda Mahaswamiji, who inspired youth to protect soil fertility, proclaiming, "Soil is more valuable than gold." Several Vice Chancellors and agricultural experts discussed soil health, organic practices, and the integration of animal husbandry, agroforestry, and green manures.

Day 3: Grand Inauguration by Chief Minister

The Chief Minister of Karnataka, Shri Siddaramaiah, formally inaugurated Krishi Mela-2025, urging farmers to adopt climate-resilient and millet-based farming systems. Eleven university publications were released, and the 'Krishi Dhare' mobile app was launched to provide real-time agricultural information to farmers.

Day 4: Hi-Tech Agriculture and Future Innovations

The concluding day themes were—Innovative Animal Husbandry Practices and Hi-Tech Horticulture Technologies. Sessions covered silage making, integrated livestock management, Azolla cultivation, tissue culture, hydroponics, and aeroponics.

Dr Basayya Hiremath led an engaging session on Artificial Intelligence in Agriculture – Opportunities and Challenges, highlighting AI's potential in smart irrigation, pest management, and data-driven decision-making.

Promotion of Oilseeds and Pulses under Climate Change

A seminar on Promotion of Oilseeds and Pulses under Climate Change emphasized resilient varieties and farmer producer organizations (FPOs). Mrs Suma G.K., Regional Manager, SBI, discussed financial schemes for agricultural development.

During the Valedictory Programme, Dr Surendra Babu, CGM, NABARD, hailed the event as a Kisan Mahakumbha Mela. Several dignitaries, including MLAs, senior government officials, and university leaders, graced the occasion. In his presidential address, Vice Chancellor Dr P.L. Patil expressed gratitude to all contributors and lauded the efforts of Dr M.V. Manjunath, Director of Extension and Chairman, and Dr B.D. Biradar, Co-chairman, along with the dedicated team of scientists, staff, and students.

About 600 high-tech exhibition stalls were there in the mela. A total of 1141q (approximately) *Rabi* seeds and 245 kg vegetable seeds worth Of 101.74 lakh were sold during the mela.



The “Seed Mela” was Inaugurated by Hon’ble Governor
Chancellor of the University Shri Thawar
Chand Gehlot ji



Award Ceremony for Successful Seed Growers, by Karnataka and
the Dignitaries

- The Startup Pavilion, organized by KRISHIK-ABI, was one of the key attractions at Krishi Mela–2025, held from 13 to 16 September 2025 at the University of Agricultural Sciences (UAS), Dharwad. The pavilion hosted eleven RKVY-promoted agri-startups, each showcasing cutting-edge technologies, innovative products, and sustainable business models that drew the attention of farmers, agri-entrepreneurs, and industry representatives alike.

Serving as a vibrant hub of innovation and interaction, the Startup Pavilion provided a platform for startups to demonstrate their products, connect with potential customers, and enhance market visibility. The response was overwhelmingly positive, reflecting the growing spirit of agricultural entrepreneurship in Karnataka.



Training on Innovative Technologies to Increase Yield in Agricultural Crops

SAMETI (North), Directorate of Extension, University of Agricultural Sciences (UAS), Dharwad, organized a 3-day training programme on Innovative Technologies to Increase Yield in Agricultural

Crops, for officers of the Department of Agriculture and ATMA staff (KSDA) from 14 districts of North Karnataka. The training was held from 21 to 23 July 2025 at the Staff Training Unit, UAS, Dharwad, under the Krishonnati Agriculture Extension (ATMA) Schemes.

The programme was inaugurated by Dr M.V. Manjunatha, Director of Extension and Director, SAMETI (North), who emphasized that the judicious use of water and fertilizers enhances crop yield and also sustains soil health.

The training comprised nine expert lectures covering advanced technologies, best agronomic practices, and innovations for productivity enhancement, along with a field visit to demonstrate practical applications. A total of 43 officers participated in the programme.

The event was coordinated by Dr S.N. Jadhav, Mrs Geeta Lolasuramath, Dr P. Nagaraju, and Dr Mouneshwari Kammar, and concluded with positive feedback from participants appreciating the relevance and practical value of the sessions.

Training on Digital Solutions for Effective TOT in Agriculture

SAMETI (North), Directorate of Extension, University of Agricultural Sciences (UAS), Dharwad, in collaboration with the Extension Education Institute (EEI), Ministry of Agriculture and Farmers' Welfare, Government of India, Hyderabad, organized a 4-day training programme on Digital Solutions for Effective Transfer of Technology (TOT) in Agriculture, from 4 to 7 August 2025 at the Staff Training Unit, UAS, Dharwad.

The programme was inaugurated by Dr M.V. Manjunatha, Director of Extension, UAS Dharwad. Dr E. Srinivas and Dr N. Praveen, Professors, EEI, Hyderabad, graced the occasion as Chief Guests.

A total of 20 Subject Matter Specialists and Scientists participated in the training, which featured 12 expert sessions focusing on digital tools, ICT applications, and innovative approaches for strengthening agricultural extension and knowledge dissemination.

A field visit was organized on the second day to the farm of Shri Narasanagowda Veerapura, a progressive farmer from Kyarakoppa village, Dharwad Taluk, who cultivates orchid flowers in polyhouse and runs a mushroom production unit, demonstrating practical applications of modern agri-technologies.

The four-day training programme was coordinated by Dr S.N. Jadhav, Mrs Geeta Lolasuramath, Dr Mouneshwari Kammar, and Dr P. Nagaraju, and concluded with positive feedback from participants appreciating the exposure to digital innovations for effective technology transfer.

A Proud Milestone: Inauguration of the Alumni Association – College of Rural Home Science / Community Science, UAS Dharwad

The College of Rural Home Science / Community Science, University of Agricultural Sciences (UAS),



Dharwad, celebrated a proud milestone with the inauguration of its Alumni Association on 8 July 2025 at the Farmers' Knowledge Centre.

Mrs Laxmi R. Hebbalkar, Minister for Women and Child Development, Government of Karnataka, inaugurated the Association and praised the College's role in women's empowerment and skill development. She assured full support from her department to enhance employment opportunities for Community Science graduates and announced 20-25% reservation in key positions such as CDPOs, Assistant CDPOs, and Supervisors.



The Minister unveiled the Alumni Association logo and visited an exhibition organized by the College, B.Tech (Food Technology) students, and the AICRP – Women in Agriculture, commending the students' creativity and entrepreneurial initiatives.

Dr Usha Malagi, Retired Dean, shared the College's achievements, while Dr Anasuya Patil, Retired Professor, presented key demands of the alumni. Presiding over the event, Dr P.L. Patil, Vice Chancellor of UAS, Dharwad, highlighted the growing relevance of Community Science in rural development and family welfare.

The programme, led by Dr Sarojani Karakannavar, President of the Alumni Association, brought together over 700 alumni, students, and faculty, making it a memorable day of reconnection, pride, and renewed commitment to advancing Community Science and women's empowerment.

Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

Rabi Kisan Mela

On the occasion of Marathwada Mukti Sangram Din, the Directorate of Extension Education, Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani, in collaboration with the Department of Agriculture, Government of Maharashtra, organized a Rabi Kisan Mela on 17 September 2025. The programme was inaugurated by Smt Meghna Sakore-Bordikar, Guardian Minister (Parbhani) and Minister of State for Public Health and Family Welfare, Water Supply and Sanitation, Energy, Women and Child Welfare, and Public Works (PU). The function was presided over by Prof. Dr Indra Mani, Vice Chancellor, VNMKV, Parbhani. Distinguished guests including Brigadier Shri Sudhir Sawant (Former MP and President, Sainik Federation), Shri Suresh Jadhav (Former MP), Shri Bhagwat Devsarkar (EC Member, VNMKV), Progressive Farmer Shri Vikas Shinde, Dr R.D. Ahire (Director of Extension Education), Dr K.S. Baig (Director of Research), Dr B.V. Asewar (Director of Instruction), and Mr Daulat Chavan (District Superintendent Agriculture Officer) graced the occasion.



In his presidential address, Prof. Dr Indra Mani emphasized India's remarkable progress in agriculture, noting that the country ranks among the top two globally in the production of several agricultural commodities and leads the world in tractor manufacturing - a testament to its immense

potential. He highlighted VNMKV's significant achievements in education and research, including its recent 'A' Grade accreditation by ICAR and top national rankings. He dedicated these accomplishments to the farmers of Marathwada. He underscored the University's focus on organic and natural farming, climate-resilient technologies, and innovative outreach through the "Online Farmer-Scientist Dialogue" held every Tuesday and Friday.

The event began with the sale of quality seeds produced by the University, followed by an agro-exhibition showcasing its latest technologies. During the technical session, scientists from various research stations guided farmers on improved Rabi crop management practices. More than 2,000 farmers from across the region participated enthusiastically, making the Melawa a grand success.

MoUs

Acharya N.G. Ranga Agricultural University (ANGRAU), Guntur

ANGRAU made MoU with ICAR-Directorate of Floriculture Research (DFR), Pune, Maharashtra on 22.07.2025 for facilitating Students' Training/Postgraduate Research for a period of 3 years.

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

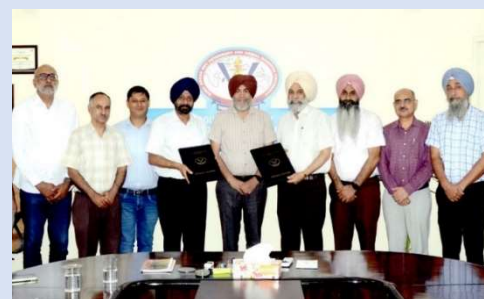
MoU with Nestlé R&D Centre India on Sustainable Dairy Nutrition Research

The University inked the MoU with Nestlé R&D Centre India Private Limited, IMT Manesar, for a collaborative research project entitled Optimizing Animal Diets to Reduce Milk Carbon Footprint and Enhance Farm Profitability in Dairy Cows. Dr P.S. Brar, Director of Research and Mr Jagdeep Singh Marahar, Managing Director, Nestlé R&D Centre India signed the MoU in presence of Dr J.P.S. Gill, Vice Chancellor. Dr Gill said that this collaboration reflects commitment of the University towards advancing sustainable dairy farming practices through science-driven innovation. Duration of the MoU is 28.07.2025 to 27.07.2026.



MoU with Devans Breweries on Sustainable Feed Project

The University signed an MoU with Devans Modern Breweries Limited (DMBL), Jammu, for a collaborative research project on the Nutrient characterization and utilization of barley distilled grain slub (BDGS) in growing Murrah calves and poultry diets. The MoU was signed by Dr P.S. Brar, Director of Research and Mr Gurinder Singh Sandhu, General Manager, Devans Modern Breweries Ltd. Dr J.P.S. Gill, Vice Chancellor stated that the MoU exemplifies the industry-academia synergy to address practical challenges in animal nutrition through scientific innovation. It will not only support sustainability but also generate meaningful data for industrial by-product utilization. Duration of the MoU is 01.08.2025 to 31.07.2027.



MoU with Novus Animal Nutrition on Dairy Nutrition Project

The University signed an MoU with Novus Animal Nutrition (India) Pvt. Ltd, for a collaborative project on the study into the effects of MFP™ feed supplement on milk production and composition in dairy cows. The MoU was signed by Dr P.S. Brar, Director of Research and Dr Manish Kumar Singh, Regional Director (South Central Asia), Novus Animal Nutrition (India) Pvt. Ltd. This research aims to evaluate 2-hydroxy-4-(methylthio) butanoate (HMTBa molecule) in lactating cow's diet. Duration of the MoU is 16.09.2025 to 15.09.2027.



MoU with NIAB, Hyderabad

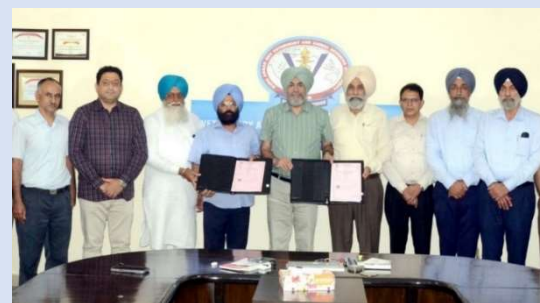
The University signed an MoU with National Institute of Animal Biotechnology (NIAB), Hyderabad to collaborate on joint research projects in animal biotechnology, Animal Sciences and allied areas to establish inter-institutional centres, to promote inter-disciplinary research and address challenging problems. Additionally, it focuses on jointly organizing consultancy and extension activities such as lectures, workshops, seminars and conferences at national and international levels. The duration of the MoU is 25.07.2025 to 24.07.2030.

MoU with Brooke Hospital for establishing a Farriery Institute

The University inked an MoU with Brooke Hospital for Animals (India) for establishing a Farriery school to train the veterinary students, veterinarians, veterinary para-professionals, local service providers and horse owners. The school will deliver certified, skill-based Farriery education, enhance hoof care practices, reduce lameness in horses and mules, and promote Farriery as a professional livelihood in North India. It will also serve as a regional hub for capacity building, knowledge sharing, and equine welfare. Duration of the MoU is 15.09.2025 to 14.09.2028.

MoU with PDFA to Strengthen Dairy Sector in Punjab

The University signed an MoU with the Progressive Dairy Farmers' Association (PDFA), Mullanpur, Ludhiana, to give a major boost to genetic improvement and milk production in Punjab. Under this MoU, elite Holstein Friesian (HF) and Jersey male calves from elite HF and Jersey cows owned by PDFA members will be screened and selected for breeding purpose. The University will produce high-quality frozen semen doses from these calves and supply them back to dairy farmers through PDFA, ensuring wider access to superior germplasm and promoting sustainable genetic advancement. This MoU will ensure easy, reliable, and affordable access to high-quality semen for dairy farms. Duration of the MoU is 21.08.2025 to 20.08.2030.



Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

MoU was signed between IGKV and ICAR Ranchi

An MoU was signed on 4 August 2025 between Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur, and ICAR-Indian Institute of Agricultural Biotechnology (IIAB), Ranchi.

Dr Sujay Rakshit, Director, ICAR-IIAB, Ranchi outlined a visionary roadmap for the partnership, emphasizing innovation, shared resources, and joint capacity building. The MoU was formally signed and exchanged by senior representatives of both institutions. In his remarks, Vice Chancellor Dr Girish Chandel stated, “This MoU is more than an agreement—it is a beginning of a vibrant partnership that brings together vision, science, and service to society. We look forward to impactful collaborations that empower students, benefit farmers, and push the frontiers of agricultural innovation.”



Navsari Agricultural University (NAU), Navsari

NAU signed following MoUs:

- The Navsari Agricultural University, Navsari and Shri Ram Krishna Knowledge Foundation, Surat inked an MoU for development of Apiforestry model at Nimlai Village in South Gujarat on 26/08/2025.
- The Navsari Agricultural University and Dang Ahwa Farmers Producer Company Limited, signed a Memorandum of Understanding (MoU) to conduct awareness and capacity building programs, develop linkages with farmers and exchanges of ideas on 07/10/2025.
- The Navsari Agricultural University, Navsari and Kamdhenu University, Gandhinagar have inked a Memorandum of Understanding (MoU) to undertake collaborative research, academic and extension activities in agriculture and veterinary sciences on 07/10/2025.

Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

OUAT signed following MoUs with:

- India Meteorological Department on GKMS on 23.07.2025 for 5 years (up to 22.07.2030) for the purpose of Relevant Agromet Advisories for the stressed crops and livestock; Developing region specific agromet productive models; Crop weather relationship and preparation of crop calendar; Forewarning models for weather and climate-based pests and disease alert.
- Institute of Nano Science and Technology (INST), Mohali on 25.07.2025 for 5 years (up to 24.07.2030) for the purpose of exchange of scientists and technologists; Exchange of scientific literature, information and methodology; Sharing of laboratory facilities as available and required in programme of common interest as may be mutually agreed upon; Development and implementation of collaborative research projects, the areas and methodology to be as mutually agreed upon and subject to IPR clause in article.
- Biju Patnaik University of Technology (BPUT), Rourkela on 31.07.2025 for 5 years (up to 30.07.2030) for the purpose of exchange of students and scientists; Exchange of methodology and technology of mutual interest; Exchange of scientific literature and information; Sharing of laboratory facilities as available for programme of common interest or as may be mutually agreed upon; Development and implementation of collaborative research projects on latest technologies including Artificial Intelligence, Robotics, etc; and Development and implementation of Green Energy at OUAT.
- M S Swaminathan Research Foundation, Chennai on 05.08.2025 for 5 years (up to 04.08.2030) for the purpose of Exchange of scientists and technologists; Student/fellows exchange and

research programmes; Exchange of scientific literature, information and methodology; Strengthening the curriculum on Gender, Agriculture and Development in both undergraduate and post-graduation courses; Exchange of scientific equipment as available and required in the programme of common interest as may be mutually agreed upon; Development and implementation of collaborative research projects, including in the areas of carbon offsetting and trading; the areas and methodology to be mutually agreed upon and subject to an IPR clause in Article IV; Joint workshops/ seminars/ conferences/ trainings etc.; and to identify key areas where research work can be intensified.

- Atal Incubation Centre - Nalanda Institute of Technology Foundation (AIC-NITF) on 19.08.2025 for 2 years (up to 18.08.2027) for the purpose of Supporting innovators, startups, and entrepreneurs in these domains; Enabling knowledge exchange, mentorship, training, and access to research infrastructure; and Building a joint platform to strengthen the agricultural innovation and producer ecosystem of Odisha and India at large.
- Directorate of Fisheries, Odisha on 19.08.2025 for the purpose of Establishing Aquatic Referral Laboratory for quality testing and disease diagnostics.
- Consortium MoU among State Pollution Control Board, ICAR-CRRI, OUAT and Sambalpur University (3 Institution) on 15.09.2025 for 2 years (up to 14.09.2027) to carry out the collaborative research project entitled “Integrated Bio-Stabilization of Heavy Metals in Fly Ash-Amended Soils: A Scalable Biotech-Agronomic Solution for Odisha” and “Bio-Transformation of Fly Ash into Safe Bio-fertilizer through Biological Heavy Metal Immobilization”.
- Biobounty Consulting Pvt. Ltd (Metsa), New Delhi on 26.09.2025 for 3 years (up to 25.09.2028) for Joint submission of research proposals focused on public digital Agri – food sector; Digitization of farmer collectives, such as Farmer Producer Organizations (FPOs) and cooperatives, to enhance their operational efficiency and impact; Development of prototypes and innovative digital solutions to strengthen Agri – food systems and support the public digital infrastructure; and Exchange of methodologies, technologies, and expertise in relevant areas of mutual interest.

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

- Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) and Kangwon National University (KNU) of Chuncheon, South Korea signed an MoU. The landmark agreement, formalized by Prof. B.N. Tripathi, Vice Chancellor, SKUAST-Jammu and the Prof. Jeong Jaeyeon, President of Kangwon National University, Chuncheon, South Korea aims to foster robust collaboration in key areas including to promote academic and educational exchanges, faculties and students exchange program and joint research programs.
- Krishi Branding Centre of ABI, SKUAST-Jammu has taken a major step forward in promoting branding, value addition, and market linkage of agri-horti products from the Jammu region.



SKUAST-Jammu Signed MoU with KNU (Chuncheon), South Korea

As part of this initiative, Memoranda of Agreements (MoAs) were formally signed with the following nine (09) Farmer Producer Organizations (FPOs):

1. The Ramssoo Walnut, Rajma and Horticulture Producer Cooperative Ltd
2. Khari Rajma and Pulses Agro Producer Cooperative Ltd
3. Maa Vaishno Lemon Grass Farmer Producer Company Ltd
4. Lamberi Farmer Producer Company Ltd
5. Nagrota Agro Farmer Producer Company Ltd
6. Sumah Devta Farmer Producer Company
7. Udhyampur Farmer Producer Company Ltd
8. Shivalik Hills Honey Farmer Producer Cooperative Ltd
9. Mechanized Farmer Producer Company Ltd.

The signing of these MoAs represents a milestone in fostering collaboration between SKUAST-J and farmer collectives, ensuring that local produce receives scientific branding support, value addition, and enhanced access to wider markets.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K), Srinagar

MoU with ICRISAT, Hyderabad for Joint Research and other innovative endeavours to strengthen agricultural research and innovation in the Kashmir Valley and to foster and strengthen National and International collaborations on common mandated programmes and to develop climate resilient varieties in presence of SKUAST-K Officers and Scientists from ICRISAT including Dr Stephen Blade, Deputy Director General (Research and Innovation) at ICRISAT.

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai

- Technology on Nanomethicone topical spray developed at TRPVB-TANUVAS was transferred to Brilliant Bio Pharma Pvt. Ltd, Telengana through Biotech Consortium India Limited on 23.07.2025.



Transfer of Technology on Nanomethicone Topical Spray to Brilliant Bio Pharma Private Limited, Telengana

- A Memorandum of Understanding was signed by TANUVAS with the National Institute of Open Schooling (NIOS), an Autonomous Institute under Ministry of Education, Govt. of India on 29.08.2025.

Exchange Of MoU Between TANUVAS and National Institute of Open Schooling (NIOS), an Autonomous Institute Under Ministry of Education, Govt. of India



Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani MoU signed with IMC Chamber of Commerce and Industry, Mumbai

An MoU was signed between VNMKV, Parbhani and the IMC Chamber of Commerce and Industry, Mumbai to strengthen cooperation in the fields of agriculture, trade, and investment in the Marathwada region. The MoU was formally signed during the 117th Annual General Meeting of the IMC Chamber held on 9 July 2025 at Walchand Hirachand Auditorium, IMC Bhavan, Mumbai. The meeting was graced by Prof. Indra Mani, Vice Chancellor, VNMKV, and Shri Praveen Pardeshi, Chief Economic Advisor to the Chief Minister and CEO, Maharashtra Institute for Transformation (MITRA), as Guests of Honour. Under this collaboration, both institutions will jointly work towards enhancing farmers' income through strategic crop selection, value addition, market linkage, and product development as per market demand. The MoU was signed by Prof. Indra Mani, Vice Chancellor, VNMKV, and Mr Sanjay Mariwala, President, IMC Chamber of Commerce and Industry and Managing Director, Omni Active Technologies.



MoU with ICAR – National Bureau of Plant Genetic Resources (NBPGR), New Delhi

An MoU was signed between VNMKV, Parbhani and the ICAR – National Bureau of Plant Genetic Resources (NBPGR), New Delhi on 27 August 2025. The MoU was signed by Vice Chancellor, Prof. Indra Mani, and Dr Gyanendra Pratap Singh, Director, ICAR-NBPGR. This collaboration aims to strengthen joint efforts in the conservation of crop genetic resources, development of new varieties, climate-resilient research, and innovation in agricultural technologies.

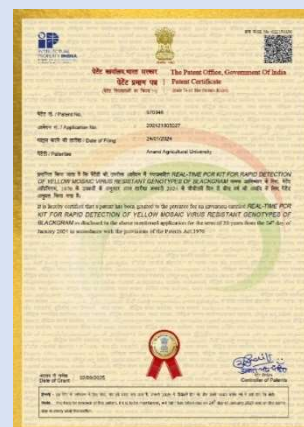


IPR

Anand Agricultural University (AAU), Anand

Patent

The Patent Office, Government of India, granted a patent to AAU, Anand, for an invention entitled Real-Time PCR kit for rapid detection of Yellow Mosaic Virus Resistant Genotypes of Blackgram, with Patent No. 570346, dated 02/09/2025.



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

Title: 3D Printed Smart Cerclage Strip for Medicinal Monitoring of Comminuted Fracture in Canine”.

Patent Number: 202411005905,

Date of Grant: 19.08.2025.



Navsari Agricultural University (NAU), Navsari

Title: Sustainable Vermiwash Collector.

Patent Number: 456105-001

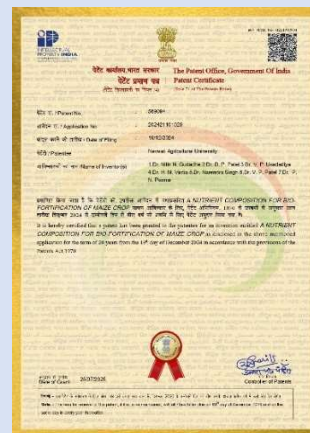
Date of Grant: 11/08/2025



Title: A nutrient composition for bio fortification of maize crop.

Patent No.: 569094

Date of Grant: 25/07/2025



Title: Agronomic Fortification Composition Comprising Micro-nutrient for Rice.

Patent No.: 569088

Date of Grant: 25/07/2025



Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

- Designs of Bullock Drawn Weed Cleaner; Millet Cleaner Cum Pearler; Power Operated Coconut Dehusker; Maize Dehusker Cum Sheller and Trichoderma Filtrate Processing Device; designed by the Scientists of OUAT were patented by the Patent Office, Government of India. The notifications for the same were received by the University during the month of July 2025.
- Design on Animal detecting and alerting device for forest farming field, under the provisions of the Design Act, 2000 were registered in respect of the scientists of AICRP on Agroforestry, OUAT vide **Design Reg No.** 456384001; **Dated** 23.04.25 and **issued** on 29.07.2025.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J), Jammu**Utility Patent:**

- Recombinant antigen (Hypodermin C) and ELISA-based diagnostic kit for detecting goat warble fly. **Patent no.** 569950, **Date of Grant:** 21/8/2025; by Dr Anish Yadav, Professor and Head of Veterinary Pharmacology.

Design patent:

- **Title:** Egg Incubator Machine; **Design No.** 454412-001;
Date of Registration: 06/04/2025.
Dr Suraj Amrutkar, Dr Nazam Khan, Dr Vikas Mahajan, Dr Imran Ahmad Ganai, Dr Sohrab Malik, Dr Bharti Deshmukh.
- **Title:** Smart Portable Aeroponic Tower; **Design No.** 459544-001;
Date of Registration: 20/05/2025.
Prof. Vivak M. Arya (Soil Science), Ms. Tamanna Sharma (Ph.D. Scholar, Soil Science), Mr Nikhil Thakur (Ph.D. Scholar, Fruit Science).
- **Title:** Agriculture Drone for Spraying Nutrients; **Design No.** 393534-001;
Date of Registration: 24/08/2023.
Ms Meenakshi Attri (Ph.D. Scholar, Agronomy).
- **Title:** Temperature-Controlled Plant Rooting Propagation Device; **Design No.** 453924-001;
Date of Registration: 01/04/2025.
Mr Robin Kumar (M.Sc. Student, Fruit Science).
- **Title:** Real-Time Soil Carbon Monitoring Device; **Design No.** 456766-001;
Date of Registration: 26/04/2025.
Dr Vikas Abrol (Professor, Soil Science and Agri-Chemistry).
- **Title:** AI-Powered Flower Pollination Robot; **Design No.** 454196-001;
Date of Registration: 04/04/2025.
Ms Yashasvini Goswamy (Ph.D. Scholar, Entomology), Mr Abhishek T.S. (Ph.D. Scholar, Agricultural Entomology).
- **Title:** AI-Based Plant Disease Monitoring and Management Device; **Design No.** 455209-001;
Date of Registration: 13/04/2025.
Ms Ashima Choudhary (Ph.D. Scholar, Fruit Science)
- **Title:** IoT-Based Chemical Mixing Device for Agricultural Farms; **Design No.** 453587-001;
Date of Registration: 29/03/2025.
Dr Vijay Kumar, Dr Brinder Singh, Dr Gurdev Chand, Dr Saurav Gupta.

- **Title:** Smart AI-Based Irrigation Control Device; **Design No.** 451015-001;
Date of Registration: 10/03/2025.
Dr A.P. Singh, Dr Brinder Singh, Dr Permendra Singh, Dr Jai Kumar.
- **Copyright:**
Masti Care- by Dr Neelesh Sharma and Dr Sandeep Kour. Application No. 14106/2025-CO/SW,
Date of ROC- 11/8/2025.

AWARDS and RECOGNITIONS

Agriculture University (AU), Kota

- Dr M.C. Jain, Director Students Welfare was awarded with the Dr M.S. Swaminathan Honorary Award in the National Conference on Future Agriculture-2025 held on 9-10 September 2025 at Jaipur.
- Dr Suresh Kumar Jat, received appreciation certificate and best poster award in national conference on Advances in Sustainable Plant Protection under Changing Agriculture Scenario, during 18-20 September 2025 at Rajasthan College of Agriculture, MPUAT, Udaipur.



Anand Agricultural University (AAU), Anand

National Institutional Ranking Framework-2025: Anand Agricultural University, Anand ranked 27th in Agriculture and Allied sector category.



Ranking Certificate

KVK, Arnej and KVK, Devataj Received Best Presentation Award at 8th Annual Zonal Workshop of KVKs of Gujarat, Maharashtra and Goa

KVK Arnej, Ahemdabad and KVK Devataj, Anand of AAU were bestowed with the prestigious Best Presentation Award at the 8th Annual Zonal Workshop of KVKs of Zone VIII (ICAR-ATARI, Pune), held from 20 to 22 July 2025 at Bhuj, Kutch, Gujarat.

The award was presented on 22 July 2025 by Dr K.D. Kokate, Former Deputy Director General (Agril Extension), ICAR, New Delhi, in the esteemed presence of eminent personalities including Dr M.M. Adhikari, Former Vice Chancellor, BCKV, Mohanpur, (WB); Dr Rajbir Singh, Deputy Director General

(Agril Extension), ICAR, New Delhi; and Dr Manojbhai Solanki, Former Governing Board Member, ICAR, New Delhi.



Scientist Receiving the Award

Recognition to the faculty and students of Plant Protection in National Conference

National Conference on Advances in Sustainable Plant Protection under Changing Agriculture Scenario, was held at Rajasthan College of Agriculture, MPUAT, Udaipur during 18-20 September 2025, which turned into a proud occasion for AAU, Anand as faculties and students achieved notable recognition and multiple accolades including Best Oral Presentation Awards, Best Poster Presentation Award, Outstanding Ph.D. Thesis Award, and faculty chairing the different sessions and Lead speakers.

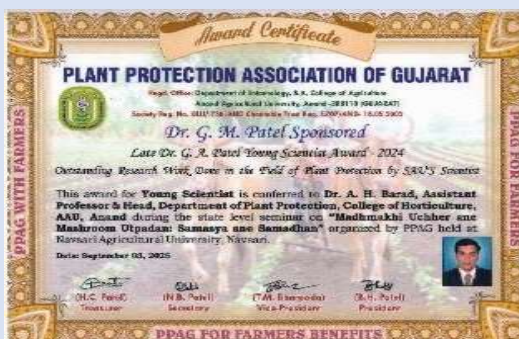
The event was graced by leading personalities viz., Dr Ajeet Kumar Karnatak, Vice Chancellor, MPUAT; Dr S.K. Sharma, ADG (HRM), ICAR, New Delhi; Dr S.N. Sushil, Director, ICAR-NBAIR, Bengaluru; Dr P.K. Chakrabarty, Former ADG, ICAR and Member ASRB, New Delhi; Dr Nirmala Pathrawal, Executive Director, CCFI, Mr Harish Mehta, Senior Advisor, CCFI, New Delhi, Mr Narendra Singh Barhat, Aristo Biotech and Life Science Ltd, Vadodara.



Glimpses of Conference

Young Scientist Award Received by Dr A.H. Barad, COH, AAU, Anand

Dr A.H. Barad, Assistant Professor and Head, Department of Plant Protection, College of Horticulture, AAU, Anand were awarded with The Late Dr G.A Patel Young Scientist Award-2024 by the Plant Protection Association of Gujarat (PPAG), for his outstanding research works in the field of Plant Protection during the state level seminar on “મધમાખી ઉછેર અને મશરૂમ ઉત્પાદન: સમસ્યા અને સમાધાન” held at the Navsari Agricultural University, Navsari, on 3 September 2025.



Faculty Receiving the Award

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

- Dr Rajendra Prasad Central Agricultural University (DRPCA), Pusa was conferred with the Best University Award at the National Geospatial Awards 2025 (Edition-II), held at IIT, Mumbai, for its outstanding role in spreading awareness about the FOSSEE GIS Project under the NMEICT initiative of the Ministry of Education, Government of India. The award was presented by the FOSSEE GIS Team of IIT, Mumbai, recognizing RPCAU's innovative applications. The university's initiatives in precision farming, climate-resilient land use, and digital agriculture have made significant regional impact. Dr RPCAU also integrated GIS and Remote Sensing into academic curricula and community outreach.



- Dr Rajendra Prasad Central Agricultural University, Pusa, secured the 8th position in the India Today–MDRA Ranking 2025 among agricultural universities of the country. This remarkable achievement reflects the University's consistent efforts in academic excellence, quality research, innovation, and commitment towards farmers' welfare. It is a proud moment for the RPCAU fraternity, showcasing its growing national prominence.

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BEST COLLEGES OF INDIA 2025

TOP 10 GENERAL UNIVERSITIES (GOVERNMENT)

RANK	UNIVERSITY	CITY
1	UNIVERSITY OF DELHI	NEW DELHI
2	JAMIA MILLIA ISLAMIA	NEW DELHI
3	ALIGARH MUSLIM UNIVERSITY	ALIGARH
4	UNIVERSITY OF HYDERABAD	HYDERABAD
5	COCHIN UNIVERSITY	HYDERABAD
6	GURU NANAK DEV UNIVERSITY	AMRITSAR
7	CHENNAI UNIVERSITY	CHENNAI
8	DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY	PUSA, SAMASTIPUR
9	ACHARYA NAGARJUNA UNIVERSITY	GUNTUR
10	ACHARYA NAGARJUNA UNIVERSITY	GUNTUR

INDIA TODAY MDRA
Subscribe Magazine

BEST COLLEGES OF INDIA 2025

TOP 5 MOST IMPROVED* GENERAL UNIVERSITIES (GOVERNMENT)

RANK	UNIVERSITY	CITY
1	UNIVERSITY OF LUCKNOW	LUCKNOW
2	ACHARYA NAGARJUNA UNIVERSITY	GUNTUR
3	GURU NANAK DEV UNIVERSITY	AMRITSAR
4	ACHARYA NAGARJUNA UNIVERSITY	GUNTUR
5	DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY	PUSA, SAMASTIPUR

*The most improved universities are ranked based on their percentage growth in ranking over the past five years (2020-2025) in the India Today-MDRA Best Universities Ranking.

- Dr Rajendra Prasad Central Agricultural University, Pusa achieved a remarkable milestone in the NIRF 2025 rankings by securing the 14th position among Agricultural and Allied Universities. This represents a significant jump from the 29th rank last year. The achievement highlights the University's continuous progress in academic excellence, quality research, and innovation.



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

Awards at the 2nd Indian Fisheries Outlook -2025

Ms Ankita Kataria, postgraduate student of Department of Fish Processing Technology (FPT), College of Fisheries developed a potato-based snack supplemented with 10% shrimp protein powder, under the guidance of Dr Vijay Kumar Reddy and this work was presented by the latter during 2nd Indian Fisheries Outlook-2025, organized jointly by the Professional Fisheries Graduates Forum, Inland Fisheries Society of India, College of Fisheries - Odisha University of Agriculture and Technology, Bhubaneswar from 12-14 July 2025. The work bagged the Best Poster Presentation Award under the theme— Post Harvest Processing, Value Addition and Food Safety.



Ms Ankita Kataria



Mr Aritra Mukherjee

Mr Aritra Mukherjee, graduate from College of Fisheries of the University, earned the prestigious Dr T.J. Varghese Award for securing 4th rank in All India Ranking for Best Fisheries Graduate of India Examination (2024-25), conducted by the Professional Fisheries Graduate Forum.

Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

IGKV ranked 28th position in NIRF

Indira Gandhi Krishi Vishwavidyalaya stood 28th position in National Institutional Ranking Framework (NIRF) among 173 agricultural universities and agricultural education institutes operating in agriculture and allied sectors across the country for the ranking of higher education institutions by the Ministry of Human Resource Development, Government of India. It is the only university from Chhattisgarh state to get a place in the NIRF ranking.

Dr Girish Chandel, Vice Chancellor congratulated faculty, scientists, and staff, attributing the success to sustained academic, research and extension activities over the past three years. He expressed confidence that with continued progress in infrastructure, innovation, and student support systems, IGKV would soon find its place among the top ten institutions

Shri Vishnu Dev Sai, Chief Minister, Government of Chhattisgarh and Shri Ramvihar Netam, Agriculture Minister congratulated the university.

Best Performer Award

In a proud moment for Chhattisgarh, Mrs Lekesh Jain, popularly known as Lekesh Bai, a progressive woman farmer from Thanabodi village in Uttar Bastar Kanker district, was conferred with the prestigious Best Farmer Award 2025 during the Golden Jubilee

Foundation Day celebrations of the Indian Council of Agricultural Research (ICAR)–National Academy of Agricultural Research Management (NAARM) at the Dr M.S. Swaminathan Auditorium, Hyderabad. She was nominated by the ICAR – National Institute of Biotic Stress Management (NIBSM), Raipur.



Mrs Lekesh Bai was honoured for her remarkable achievement in transforming 17 acre of land into a thriving integrated farming system. Her model combines vegetable cultivation, dairy, goat rearing, fish–duck ponds, and fodder production, generating an annual income exceeding ₹10 lakh. This success story, developed with the support of Krishi Vigyan Kendra (KVK), Kanker, under Indira Gandhi Krishi Vishwavidyalaya (IGKV), emerged as a beacon of hope and inspiration for tribal farmers in the region.

The award ceremony witnessed the presence of distinguished dignitaries. Chief Guest Dr Gurbachan Singh, Former Chairman of the Agricultural Scientists Recruitment Board (ASRB), New Delhi, lauded her efforts. The Guests of Honour included Dr Govindarajulu Chintala, Former Chairman of the National Bank for Agriculture and Rural Development (NABARD) and Chairman of the Research Advisory Committee (RAC), ICAR-NAARM; Prof. M. Gnana Prakash, Vice Chancellor, P.V. Narasimha Rao Telangana Veterinary University; and Dr Seema Jaggi, Assistant Director General (Human Resource Development), ICAR, New Delhi. The function was presided over by Dr Gopal Lal, Acting Director, ICAR-NAARM.

Best AICRP Centre Award (Linseed)

The Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur was conferred with the prestigious Best AICRP Centre Award for its significant contribution to linseed research and development under the All India Coordinated Research Project (AICRP) on Linseed, during the inaugural session of the Annual Rabi Oilseeds Group Meet-2025. It was organised by the Indian Council of Agricultural Research in association with Birsa Agricultural University, Ranchi, from 9 to 10 September 2025. The meet was attended by Dr D.K.



Yadav, Deputy Director General (Crop Science), ICAR, New Delhi; Dr Sanjeev Gupta, Assistant Director General (Oilseeds and Pulses), ICAR, New Delhi; Dr R.K. Mathur, Director, ICAR-Indian Institute of Oilseeds Research (IIOR), Hyderabad; and Dr S.C. Dubey, Vice Chancellor, Birsa

Agricultural University, Ranchi. This award underlines the consistent research excellence of IGKV, Raipur, in linseed improvement, innovation, and productivity enhancement.

Navsari Agricultural University (NAU), Navsari

KVK Tapi and KVK Navsari Conferred Best Presentation Award by ICAR-ATARI

The KVK Tapi and KVK Navsari were awarded the Best Presentation Award at the Eighth Annual Zonal Workshop of KVKs, which took place from 20-22 July 2025, in Bhuj, Gujarat. This event was organized by ICAR-ATARI, Zone VII, Pune and attended by Dr A.K. Singh, Former Chancellor of Bihar Agricultural University, Dr Kokate, Former Deputy Director General of ICAR, and Dr M.M. Officer, Former Chancellor of BCKV Mohanpur, among others. The valedictory session saw participation from Directors of Maharashtra and Gujarat, ICAR officials from New Delhi and other esteemed guests with a total of 82 Senior Scientists and Heads from KVKs in the region actively engaging in the workshop. Dr C.D. Pandya and Dr Sumit Salunkhe, both Senior Scientists and Heads of their respective KVKs showcased comprehensive progress reports and innovative farmer-centric initiatives, which ultimately led to their well-deserved recognition.



Dr Hiralben Gandabhai Patel, Ph.D. Student (Major Guide: Dr J.J. Pastagia) received an award for the Best Research Work Done in Agricultural Entomology during the State Level Seminar on Beekeeping and Mushroom Production: Problems and Solutions, on 3 September 2025. The award was sponsored by the Late Dr R.C. Patel from Plant Protection Association of Gujarat for outstanding research work done in the field of plant protection.

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

- Dr Manish Kumar Sharma got Appreciation Award/Certificate for delivering an invited talk during the one-week Faculty Development Programme on Applications of Mathematical Techniques in Agriculture Science and Technology, organized by SVPUAT, Meerut held on 18-23 August 2025.
- Prof. (Dr) Kiran Kour, Professor, Fruit Science, SKUAST-Jammu was awarded the Young Scientist award in X Asian Conference of Asian PGPR at IIIM, Jammu w.e.f 8-10 September 2025.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K), Srinagar

- Excellence in Agri-Incubation Leadership Award was presented to Mr Naveed Hamid, CEO SKIEE Centre SKUAST-K at New Delhi during 2nd Sustainable Agriculture Summit 2025 to recognize
- outstanding contributions at SKUAST-K SKIIE Centre to the Innovational Ecosystem in Agriculture and allied sectors. The award was presented by Minister of State, Ministry of Agriculture and Farmers' Welfare, GoI Shri Ramnath Thakur, Minister, Ministry of Social Justice and Empowerment, Government of India Shri Ramdas Athwale.

- National Geospatial Leadership Award to Prof Haroon R. Naik, in advancing the use of Geo-spatial technologies at SKUAST-K by National Mission on Education through Ministry of Education, Government of India.
- SKUAST-K ranked 3rd in State Agriculture universities, 7th in Agriculture and allied universities, 36th in state public university, 75th in university category and 94th in overall Category under NIRF rankings, Ministry of Education, Government of India. The recognition acts as a government-approved quality benchmark based on parameters like teaching quality, research, resources, and student outcomes Students and University.
- Certificate of Recognition for SKUAST SEEDS PRIVATE LIMITED to develop and promote SKUAST-K Seed in the form of a Startup was a recognition by Department of Promotion of Industry and Internal Trade, Govt of India, Ministry of Commerce and Industry.

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai

- Student Thulasimathi Murugesan of VCRI, Namakkal, TANUVAS received the Kalpana Chawla Award for Courage and Daring Enterprise from Chief Minister of Tamil Nadu on the 79th Independence Day.
- Student K. Hariharasuthan of Madras Veterinary College, TANUVAS secured All India Rank 1 in the ICAR-AIEEG (PG) 2025 in the stream of Veterinary Science.
- Student M. Senthil Kumaran of Veterinary College and Research Institute, Orathanadu, TANUVAS secured the All India First Rank in the Indian Council of Agricultural Research – All India Entrance Examination for Admission (ICAR-AIEEA) in Animal Sciences.



**Student Thulasimathi Murugesan of VCRI, Namakkal, TANUVAS
Receiving the Kalpana Chawla Award from Honourable Chief**

University of Agricultural Sciences (UAS), Bengaluru

Cadets of College of Agriculture, GKVK, Bengaluru secured medals in All India Thal Sainik Camp-2025 at New Delhi

- Kushal Balaji, M.S., AMB3133, 3rd Year B.Sc. (Hons.) Agri. secured Gold Medal in Health and Hygiene Event.
- Pramod, P. AMB2177, 4th year B.Sc. (Hons.) Agri. secured Bronze Medal in JDFS event.
- Harshitha B.R., I Ph.D. PAMB 4241, Department of Agricultural Microbiology, CoA, GKVK, Bengaluru received Oral Presentation Award at 3rd International Conference on Advances in Materials Science and Technology, M.S. Ramaiah University of Applied Sciences, Bengaluru for her research work presented on Preparation and evaluation of effect of banana and potato peel-based membranes on shelf life of bakery products, from 24 to 26 July 2025.



Kushal Balaji M.S. and Pramod P. with Medals at All India Thal Sainik Camp-2025, New Delhi

- Mr Akash K, Junior M.Sc. received National Social Icon Award on the occasion of 4th Foundation Day of Youth Social gram Foundation held on 29.8.2025 at S. S. Jain Subodh P.G. College, Jaipur.



**Recieved National Social Icon Award
During 4th Foundation Day of Youth
Social Gram Foundation at S.S. Jain
Subodh P.G. College, Jaipur**

- AICRP on Agricultural Acarology was conferred with Best Performing Centre Award for the year 2024-25 by ICAR-All India Network Project on Agricultural Acarology during 21st Annual Group Meeting during 3-4 July 2025.



**Recieving Best Performing Centre Award for the
Year 2024-25 by ICAR-All India Network Project on
Agricultural Acarology During 21st Annual Group
Meeting**

- AICRP on Seed (Crops) was conferred with Seed Business Award for the year 2025 for seed education and capacity building by Indian Chamber of Food and Agriculture on 12.09.2025 at India–Africa Seed Summit 2025, held from September 11 to 13 at the Marigold Hotel, Hyderabad, Telangana.



**University of Agricultural Sciences Receiving the
Seed Business Award India-Africa Seed Summit 2025
Held from September 11 to 13 at the Marigold Hotel
Hyderabad Telangana State**

- Dr Devaraja K., Senior Scientist (Soil and Water Conservation Engineering) of AICRPDA, Bengaluru was honored with Eminent Engineer Award, which was conferred at the 58th Engineer Day celebration on 15 September by The Institution of Engineers (India), Karnataka State center, Bengaluru under the theme Deep Tech and Engineering excellence: Driving India's Techade.



Dr Devaraja K., Senior Scientist Honoring with Eminent Engineer Award from Shri D.K. Shivakumar, Deputy Chief Minister, Government of Karnataka

- Dr Siddayya, Professor and Head, IABM, CoA, GKVK received Best Oral Presentation at International Conference on Education, Environment and Agriculture, 2025 at Warmadewa University, Bali, Indonesia.

LIMELIGHTS

Agriculture University (AU), Kota **University Foundation Day and Hindi Diwas**

The 13th Foundation Day of the Agriculture University, Kota, was celebrated with great enthusiasm on 14 September 2025, in the Conference Hall of ATMQIC Building, Agriculture University, Kota. This programme was organized under the chairmanship of Dr Abhay Kumar Vyas, Vice Chancellor, Agriculture University, Kota. The chief guest of the programme was Dr Laxman Singh Rathore, former Director General, Indian Meteorological Department, Government of India, New Delhi, and the special guests were Dr B.P. Saraswat, Vice Chancellor, Kota University, Kota and Dr Yogendra Mani Kaushik, Hindi Literature Specialist and Kavi (Poet), Kota. All Deans, Directors, Registrar, Comptroller, COE, Estate Officer, Officers-in-Charge of various units, Teaching and Non-Teaching staff along with retired officers were present during the program. On this special occasion, various farmer-friendly publications of the university, including AUK-Pacing Ahead, Bilingual AUK Quarterly Newsletter and four manuals were released by the guests. During the event, the university personnel were felicitated for their outstanding work, Dr J.P. Tetarwal was honoured with the Best Research Scientist Award and Dr Bachchu Singh was honoured with the Best Extension Educationist Award along with the cash of ₹ 10,000 and appreciation certificate. Along with University Foundation Day, the Hindi Day was also celebrated by the university. On this occasion, tree plantation was done in the university campus by the guests.



New ICAR-AICRP Centre on Fruits (Mandarin and Sweet orange) sanctioned

ICAR, New Delhi has sanctioned a new AICRP centre on Fruits (Mandarin and Sweet orange) at College of Horticulture and Forestry, Jhalawar of Agriculture University, Kota.

Anand Agricultural University (AAU), Anand INSPIRE Fellowship to student from College of FPT and BE

Ms Aastha Sharma, currently enrolled as a Ph.D. Research Scholar at the College of Food Processing Technology and Bio-Energy, AAU, Anand, got selected for the prestigious DST-INSPIRE Fellowship offered by the Department of Science and Technology, Government of India. She submitted the project proposal focusing on the topic Harnessing Advanced Novel Technologies for the Development and Optimization of Browntop Millet-Based Meat

Analogues, under the guidance of Dr Hridyesh Pandey which was selected for DST-INSPIRE Fellowship.

Her research integrates cutting-edge processing techniques for development of sustainable, plant-based ingredients to develop next-generation meat alternatives. This work will contribute towards healthier diet solution for vegetarians along with environmentally sustainable food fulfilling the Sustainable Development Goal (SDG) 3 (Good Health and Wellness) and 12 (Responsible Consumption and Production) of United Nations.

Dr Rajendra Prasad Central Agricultural University (Dr RPCAU), Pusa Gajar Ghas Unmoolan Saptah

The *Gajar Ghas* (Parthenium) *Unmoolan Saptah*, was observed at Dr Rajendra Prasad Central Agricultural University, Pusa from 18 to 22 August 2025, organized by the different units of Dr RPCAU, Pusa. On 22 August 2025, concluding session of this programme was organized by Directorate of Research. Vice Chancellor Dr P.S. Pandey, Director of Research Dr A.K. Singh, Deans and Directors, faculty members, and students actively participated in the programme. Various awareness and eradication activities were carried out to highlight the harmful effects of the weed and promote its systematic removal from the campus and surrounding areas.



Hindi Chetna Month

Hindi Chetna Month 2025 was organized at the University, featuring various competitions to promote the progressive use of Hindi, such as essay writing (for Hindi and non-Hindi speakers), technical article writing (for faculty), debate, antakshari/general knowledge (for students), painting (for school and university students), Rajbhasha quiz, and poetry sessions during 01-30 September 2025. Winners were felicitated with certificates and prizes during the valedictory function. The University also participated in the Hindi Diwas-cum-5th All India Rajbhasha Conference held at Gandhinagar, Gujarat, on 14-15 September 2025. Additionally, a quarterly meeting-cum-workshop on Rajbhasha implementation was held on 25.09.2025 to review and strengthen the progressive use of Hindi across all units.



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

University Creates Milestone by Hosting First-Ever TEDx

The Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana made history by organizing TEDxGADVASU, the first-ever TEDx event hosted by any

Veterinary university in India. By doing so, the University has joined a worldwide movement that encourages dialogue, innovation, and visionary thinking.

Dr J.P.S. Gill, Vice Chancellor presided over the inaugural ceremony and said that the TEDx theme Conscious Evolution reflects the need for mindful growth, sustainable progress, and responsible innovation in today's world. By hosting TEDx, the University has set a new benchmark for veterinary institutions, reaffirming its mission to nurture visionaries, innovators, and change-makers who can contribute to a more conscious and sustainable world. Dr R.S. Sethi, Additional Director, Research and organizer of TEDx, informed that the event held in collaboration with MENTORx, brought together 16 distinguished speakers from diverse walks of life. Two students of the University, Ms Anoushka Atri and Ms Srishti Sharma shared the stage with eminent professionals, entrepreneurs, artists, and change makers, as speakers showcasing the confidence and leadership of the university's young generation.



ICAR Experiential Learning Programs (ELPs)

Transforming Dialysis Unit into an Educational Hub

The Dialysis Unit, Department of Teaching Veterinary Clinical Complex of the University was awarded an Experiential Learning Project grant of ₹41 lakh by the Indian Council of Agricultural Research (ICAR). The project, entitled Strengthening Veterinary Hemodialysis Through Experiential Learning: Transforming Dialysis Unit into an Educational Hub, will be led by Dr Randhir Singh, In-charge of the Dialysis Unit, supported by Dr Gurpreet Singh, Dr Rajsukhbir Singh, and Dr S.S. Randhawa as Co-Investigators. Under this project, establishment of the world's first advanced online hemodiafiltration (OL-HDF) technique in dogs is contemplated.



Project on Fish and Shrimp Processing

College of Fisheries earned its 3rd ICAR funded Experiential Learning Program (ELP) on Fish and Shrimp Processing, Value Addition and Waste Valorization to the tune of ₹ 34 lakh. Under this programme the graduating students of



Fisheries Science will gain practical skills for processing fish and shellfish into value added fishery products and developing economic by-products from the processing waste, besides acquiring managerial expertise for prospective employment. The Scientific team, comprising of Dr Vijay Kumar Reddy, Dr Siddhnath and an associated scientist, Dr Sarbjeet Kaur will execute the programme.

National Fish Farmers Day

College of Fisheries celebrated the National Fish Farmers Day (NFFD) from 7 to 11 July 2025, with a range of awareness and outreach activities. Events highlighted the vital role of fish farmers in national food and nutrition security, and promoted health benefits of fish through awareness campaigns under the slogan — Cook Fish – Power Up Your Plate with a Super Healthy Dish and Healthy Food- Healthy People - Healthy World. A consumer survey was also undertaken to study local fish consumption patterns. A special farmers' meet was held at fish farm of S. Gurcharan Singh in village Dolon Kalan (Ludhiana) to share information about the University resources and programmes. A commemorative fish seed release marked the anniversary of India's first successful fish breeding in 1957, which sparked the Blue Revolution. A special issue of *Vigyanak Pashu Palan* featuring fisheries articles was distributed among farmers. Dr J.P.S. Gill, applauded the entrepreneurial entry of youth into fish and shrimp farming as a positive sign of growth of the sector.



Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

Young Minds Magazine released

The half-yearly report prepared by the student-inspired forum *Young Minds of Indira Gandhi Agricultural University, Raipur* was released by Dr Girish Chandel, Vice Chancellor on 1 July 2025. This magazine *Young Minds IGKV* is a detailed document of the activities, discussion sessions and social and intellectual initiatives of six months (Jan-June 2025).



Young Minds IGKV is a collective effort of the students of Agricultural University, which aims to provide students with an opportunity to communicate on social, cultural, technical and economic issues, develop their thinking and enhance leadership qualities. This platform encourages awareness and a sense of responsibility towards the country and society among the youth. The sessions organized on the platform provided students an opportunity to understand the current challenges and also actively discuss solutions. This platform provides the youth with an opportunity to not only understand the challenges of the present but also to develop better thinking for the future.

Hindi Pakhwada organized

As a part of the ongoing Hindi Pakhwada celebrations, an inspirational programme was organized at the Nehru Library of Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur, with the aim of promoting the use of Hindi as the official language and raising awareness among students and teachers.



The event featured Dr Shail Sharma, retired professor and former Dean, School of Language and Literature Studies, Pt Ravishankar Shukla University, was the chief guest and keynote speaker. Addressing, she underlined the importance of Hindi as the official language, national language, and mother tongue, stressing its unifying role in the nation's cultural and linguistic identity.

Maharana Pratap Horticultural University (MPHU), Karnal

Environment Awareness and Tree Plantation Program

An Environment Awareness and Tree Plantation Program was organized under the guidance of Vice Chancellor on 16 July 2025 and ~1000 plants were planted at Horticulture Research Farm, Anjnathali Campus, Maharana Pratap Horticultural University, Karnal in collaboration with the Forest Department, Haryana. The students of nearby government schools participated in the event and got to know about the benefits of tree plantation. In addition to this, students and staff of the university also participated in tree plantation.



Prof. Suresh Kumar Malhotra, Vice Chancellor, MHU Watering the Planted Trees During the Plantation Drive



The Vice Chancellor Along with Other Chief Guests and Officers of the University During Tree Plantation Drive

- A tree Plantation Program was organized by MHU in collaboration with Forest Department, Haryana on 21 September 2025 during Sewa Pakhwara at Horticulture Research Farm, where ~ 50 saplings were planted and ~50 plants were distributed to the farmers and villagers.



Glimpse of Tree Plantation Program During the Sewa Pakhwara. Dignitaries such as MLA, Nilokheri; District Forest Officer, etc., Attended the Event.

- Parthenium Awareness week was organized at Horticulture Research Farm, Anjanthali Campus, MHU Karnal in collaboration with DSW, MHU Karnal from 16-22 August 2025.



Glimpse of Parthenium Awareness Week

Navsari Agricultural University (NAU), Navsari

Opening Ceremony of Agricultural Research Station, Vedchha

The newly established Agricultural Research Station at Vedchha was inaugurated on 10 July 2025, led by Vice Chancellor Dr Z.P. Patel, alongside notable figures such as Dr T.R. Ahlawat, Director of Research and Dean of P.G. Studies, Dr H.R. Sharma, Director of Extension Education and Dr P.B. Patel, Principal and Dean of N.M. College of Agriculture. The ceremony included the traditional Pujan of agricultural land and the ceremonial transplanting of paddy seedlings as well as the planting of Garmalo and Raktchandan trees in celebration of Van Mahotsav 2025. Dr V.R. Naik addressed the challenges of acquiring the land, crediting the Vice Chancellor's vision and dedication for the station's establishment, while assuring farmers of research tailored to their needs. Dr Ahlawat highlighted the station's focus on developing new crop varieties and conducting essential agricultural studies, positioning it as a center for innovation. In his closing remarks, the Vice Chancellor expressed his satisfaction at realizing a long-held dream and encouraged local farmers to engage with the station for mutual growth and agricultural advancement.



Inauguration of the Horticultural Germplasm Conservation Park

On 21 July 2025, Dr Z.P. Patel, Vice Chancellor, officially opened the Horticultural Germplasm Conservation Park at the RHRS, ASPEE College of Horticulture in Navsari. The inauguration was attended by Dr T.R. Ahlawat, Director of Research and Dean of P.G. Studies, Dr Alka Singh, Dean of the college and other esteemed faculty members. During the ceremony, Dr Patel performed a traditional Puja and initiated the planting of Navsari Navpari, a newly released mango variety from NAU, alongside other species such as Chironji, Dragon fruit and Jamun. This park, envisioned by the Vice Chancellor, aims to conserve vital and endangered germplasms of various horticultural crops. In his address, he emphasized the park's significance for future crop improvement, the preservation of horticultural biodiversity and its educational value.



He commended the horticulture faculty for their efforts and encouraged them to pursue additional projects to further enhance the university's contributions to horticulture.

Inauguration of Lead Nodal Center for DUS Sapota project

On 21 July 2025, Dr Z.P. Patel, Vice Chancellor officially inaugurated the Lead Nodal Center for the DUS Sapota project at the Horticulture Instructional Farm of ACH, NAU in Navsari. The event was attended by Dr T.R. Ahlawat, Director of Research and Dean of P.G. Studies; Dr Alka Singh, Dean of ASPEE College of Horticulture and project Principal Investigator Dr Avnish Pandey, Associate Professor of Fruit Science. Other attendees included Prof. J.R. Naik, Director of Student Welfare; Dr P.B. Patel, Dean of Agriculture; Dr V.R. Naik, ADR; Dr Vipul Shinde, Executive Engineer and various department heads and faculty members. During the ceremony, Vice Chancellor attended the traditional Puja for the Nodal Center and commended the horticulture team for their efforts in validating DUS testing for Sapota at ACH, NAU. He also encouraged the pursuit of additional projects focused on various horticultural crops to further enhance the university's contributions.



Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

- A 3-day National Conference entitled 2nd Indian Fisheries Outlook-2025, was inaugurated at College of Fisheries on 12.07.25. It was jointly organized by OUAT, ICAR-CIFRI, Kolkata; Odisha Fisheries College Alumni Association, Rangeilunda; Professional Fisheries Graduates Forum, Mumbai and Inland Fisheries Society of India.



2nd Indian Fisheries Outlook-2025

- Prof. B.S. Mahapatra, Former Vice Chancellor, BCKV, West Bengal delivered a talk on Organic Farming: Retrospects and Prospects, in the Assembly Hall of College of Agriculture, Bhubaneswar on 21.07.2025 as a part of OUAT Lecture Series.
- The 3-day Bharat Expo-2025 was inaugurated by Minister of State for Fisheries and Animal Resources Development, Government of Odisha; Shri Gokulananda Mallick in the premises of in College of Veterinary Science and Animal Husbandry on 19 September 2025.
- The 2nd Prof. G.N. Mitra Memorial Lecture entitled Sustainable Soil Management, was organised on 20 September 2025 at College of Agriculture, Bhubaneswar. The lecture was delivered by Dr Trilochan Mohapatra, Chairperson, PPVFRA and former Secretary, DARE and DG, ICAR.

Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi

Inauguration of Veterinary Clinical Complex/ Veterinary Hospital, CoVAS, Datia

The College of Veterinary and Animal Sciences, Datia, witnessed a historic moment with the inauguration of the state-of-the-art Veterinary Clinical Complex (VCC)/ Veterinary Hospital on 26 August 2025. The facility was formally inaugurated by the Union Minister of Agriculture and

Farmers' Welfare and Rural Development, Shri Shivraj Singh Chouhan, in the august presence of Mrs Sandhya Rai, Member of Parliament, Bhind-Datia; Dr Mangi Lal Jat, Secretary, DARE and DG, ICAR; Dr A.K. Singh, Vice Chancellor, RLBCAU and Dr V.P. Singh, Dean of the College of Veterinary and Animal Sciences along with all the Deans, Directors and Statutory officers of the university, faculty members, students and a large gathering of farmers from the region.



The inauguration of the Veterinary Clinical Complex marks a milestone in veterinary education and animal healthcare in Bundelkhand. By combining modern diagnostic and surgical facilities with a commitment to community service, the Complex is poised to enhance livestock health management, support farmers with reliable veterinary services, strengthen student learning, and contribute meaningfully to rural development.

Inauguration of Speed Breeding Facility

The Speed Breeding facility developed by the University was inaugurated by Dr M.L. Jat, Secretary, DARE and Director General, ICAR, in the august presence of Deputy Director General Dr D.K. Yadava, DDG (Crop Science), and Prof. A.K. Singh, Vice Chancellor, on 19 August 2025. In a significant breakthrough aimed at increasing crop production in the country and addressing the impact of climate change on agriculture, the Central Agricultural University has established an innovative crop breeding research facility. This facility will enable 3-4 crop generations a year under controlled climatic conditions. The speed breeding facility will accelerate ongoing research experiments on mustard, chickpea, wheat, and groundnut at the University, enabling 4-6 harvests of wheat and chickpea and 3-4 harvests of mustard and groundnut in a year.



CIFOR-ICRAF DG Dr Robert Nasi's Visit to RLBCAU Jhansi: Building Global Forestry-Agroforestry Partnerships

Dr Robert Nasi, Director General of the Centre for International Forestry Research (CIFOR) and Director of Science at CIFOR-ICRAF, recently visited Rani Lakshmi Bai Central Agricultural University, Jhansi, to explore and strengthen collaborative research and training in forestry and agroforestry. Hosted by Vice Chancellor Prof. Ashok Kumar Singh and Senior faculty, the visit included a field tour of experimental forestry model sites such as *Gmelina arborea* (Gamhar), *Melia dubia*, *Neolamarckia cadamba* (Kadam), *Ailanthus excelsa*, bamboo, neem, and other lesser-known timber and medicinal tree species, along with integrated farming systems. Dr Nasi underscored the importance of hands-on, international exposure for students by expressing CIFOR-ICRAF's willingness to send forestry and agroforestry students to global partner institutes in Nairobi, Kenya, and Bogor, Indonesia. Key areas discussed included sustainable land use, climate change



mitigation, agroforestry innovation, and the role of academic institutions in transferring research-based technologies to farmers. The meeting also involved CIFOR-ICRAF's Country Director, Dr Manoj Dabas, and Senior Advisor Dr Ravi Prabhu, and they shared insights on ongoing initiatives and prospective collaborations in carbon farming, landscape resilience, and farmer-centred innovation. Prof. Singh reaffirmed RLBCAU's commitment to integrating international scientific cooperation into its academic, research, and outreach programs, particularly for the benefit of the Bundelkhand region.

CoVAS, Initiates three Certificate Courses to Boost Rural Livelihoods

The College of Veterinary and Animal Sciences (CoVAS), Datia, launched three certificate programs from 17 September 2025, aimed at enhancing rural livelihoods and promoting self-employment in Bundelkhand. A total of 29 participants enrolled in these courses, which blend theoretical instruction with hands-on training. The programs include two one-month certificate courses on Commercial Goat Farming and Management of Reproduction and Production in Dairy



Animals, and a 15-day course on Histological Techniques. The Commercial Goat Farming course equips participants with skills in breed selection, feeding, disease prevention, housing, and marketing-enabling them to establish small-scale goat enterprises and contribute to the rural economy. The course on Management of Reproduction and Production in Dairy Animals, provides practical training in reproductive physiology, breeding systems, artificial insemination, pregnancy diagnosis, and nutrition directly supporting improved livestock productivity and better employment opportunities in both public and private sectors.

The course on Histological Techniques, develops laboratory skills in tissue processing, staining, and microscopic analysis, preparing participants for careers in research, diagnostics, and pathology services. These initiatives are creating clear pathways for self-employment, improved farm operations, and technical employment in the animal health and production sectors.

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

PGPRs: Driving a Biology-Driven Green Revolution for Sustainable Farming

The three-day 10th Asian PGPR Society India Chapter National Conference (15-17 September 2025) was jointly organized by the Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J), and the Asian PGPR Society, Indian Chapter.

Prof. (Dr) B.N. Tripathi, Vice Chancellor, SKUAST-Jammu, and Chief Patron of PGPR-2025, presided over the inaugural session. In his presidential address, Prof. Tripathi underscored the critical role of Plant Growth Promoting Rhizobacteria (PGPRs) in improving soil fertility, minimizing chemical dependence, and driving a sustainable secondary green revolution. Reflecting on the first Green Revolution, which ensured India's food self-sufficiency but also created ecological challenges, he



emphasized that the future of agriculture must be biology-driven, leveraging microbial consortia and bio-formulations for environmentally resilient and sustainable farming systems.

- SKUAST-J marked a significant milestone with the inauguration of its newly established E-Studio on 17 October 2025. The facility was inaugurated by Vice Chancellor, Prof. B.N. Tripathi. Addressing the gathering, Prof. B.N. Tripathi, the Chief Guest of the event, applauded the establishment of the E-Studio as a landmark step toward digital transformation in agricultural education and communication. He highlighted that in today's rapidly evolving world, digital platforms are the bridge between innovation and implementation, enabling universities to reach farmers more effectively.



SKUAST-J ABI Foundation Registered as Section 8 Company

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) proudly announces the incorporation of its ABI Foundation as a Section 8 Company under the Companies Act, 2013. The foundation was officially registered on 9 September 2025 by the Ministry of Corporate Affairs, Government of India, through the Central Registration Centre. Incorporated as *SKUAST-J ABI Foundation*, the entity is recognized as a company limited by guarantee, with the Corporate Identity Number (CIN): U85500JK2025NPL017923. This strengthens the mandate of the RKVY-RAFTAAR Agri-Business Incubator (ABI), SKUAST-Jammu, in promoting innovation, entrepreneurship, and sustainable agri-startups. The Section 8 status will further enhance the ability of Foundation to attract collaborations, support budding entrepreneurs, and contribute to the agricultural development ecosystem of the region.

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K), Srinagar

Extension Council Meeting

SKUAST-K conducted 35th Extension Council Meeting, held at Main Campus Shalimar to review the progress of the extension activities conducted by University during previous year and to receive feedback from the line department to set target in extension activities for the next year and review important policy matters regarding extension education. Participants (133) including DDG ICAR (Agricultural -Extension) Dr Rajbir Singh (Virtual), Vice Chancellor Prof Nazir A Ganai, Director ICAR-ATARI-I (Virtual), Prof Raihana, Officers from University, Directors of line departments, Conservator of Forests, North Kashmir, HoDs, Stations/Centres and KVKs, progressive farmers and media persons attended the event.



August House During 35th Extension Council Meeting of SKUAST-K at Shalimar

Animal Fibre Quality Lab

Animal Fibre Quality Assurance Laboratory was inaugurated at SKUAST-Kashmir's Faculty of Veterinary Sciences in Shuhama. Safeguarding the purity of Pashmina, hailed as the gold standard of India's natural fibres, remains a top priority. It aims to empower artisans and boost Kashmir's craft economy. Union Textiles Secretary Neelam Shami Rao, Vice Chancellor SKUAST-K, Professor Nazir Ahmad Ganai, Joint Secretary, MoT, Padmini Singla; Member Secretary, Central Silk Board, P. Sivakumar; Director Handicrafts and Handloom, Mussarat Zia; Director IICT, Zubair Ahmad and other senior officers, key stakeholders from the Pashmina industry, senior university officers of the university, faculty members and students of FVSc & AH graced the occasion.



Animal Fibre Assurance Laboratory Inaugurated at SKUAST-K PVSc and AH, Shuhama

Virtual Reality Lab

Immersive Virtual Reality Laboratory was inaugurated at SKUAST-K's Veterinary Faculty. The centre viz., Skills Hub Centre, is largely funded by the National Bank for Agriculture and Rural Development (NABARD). One of the most advanced curriculum-based facilities, is the first of its kind in veterinary education across Indian universities. It features world-class equipment in Augmented Reality (AR), Virtual Reality (VR) and 3D technologies, enabling transformative teaching and research across different subjects. Dr Shahid Iqbal Chowdhury, Secretary, Science and Technology Department, Professor Nazir Ahmad Ganai, Vice Chancellor SKUAST-K, senior university officers, and faculty members from medical colleges across the Kashmir division Faculty members and students of FVSc & AH, were present.



Immersive Virtual Reality Laboratory Inaugurated at SKUAST-K's Veterinary

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai

- Minister for Fisheries and Fishermen Welfare and Animal Husbandry, Government of Tamil Nadu, Thiru Anitha R. Radhakrishnan inaugurated the newly established Veterinary University Training and Research Centre, Tiruchendur on 03.09.2025.



VUTRC, Tiruchendur Inaugurated by Minister for Fisheries and Fishermen Welfare and Animal Husbandry, Government of Tamil Nadu, Thiru Anitha R. Radhakrishnan

University of Agricultural Sciences (UAS), Bengaluru

Student Exchange Programme (ERASMUS Student Mobility Program): Two students, Ms Sakshi Sunil Raibagi (PAMB 3158, Department of Food Science and Nutrition, CoA, GKVK) and Ms Chaitanya G. (PAMB 3004, Department of Agricultural Economics, CoA, GKVK), visited the University of Kassel, Germany for the semester from April 2025 to September 2025.

Celebration of Parthenium Awareness Week Programme

Programmes (28) were conducted across 28 location/villages by Krishi Vigyan Kendra's (KVKs) under the Directorate of Extension, University of Agricultural Sciences (UAS), Bengaluru, during the Parthenium Awareness Week held from 16 to 22 August 2025. A total of 836 farmers comprising 603 male and 255 female farmers, actively participated in the programmes, highlighting a strong emphasis on inclusivity and gender balance in agricultural extension efforts.



Glimpse of Uprooting of Parthenium by KVK's of UAS-B

National Nutrition Month 2025 Celebrated at KVKs of UASB

The Krishi Vigyan Kendra's (KVKs) of UAS, Bengaluru, in collaboration with the Department of Women and Child Development, celebrated National Nutrition Month 2025 with the theme Eat Right for a Better Life. Throughout September, various awareness programmes, training sessions, exhibitions, and school outreach activities were conducted to promote healthy eating, sustainable farming, and nutritional security.



Assessment of Nutritional Status at School and Nutritious Food Recipe Competition at KVK, Chintamani

- An Entrepreneurship Development Programme on maize processing and value addition was held at ICAR-KVK, Chikkaballapura from 22–24 September 2025. Scientists demonstrated the nutritive value and processing of maize, including preparation of maize ribbon, rings, nachos, halwa, and chocolate, with 15 SHG members.



Entrepreneurship Development Programme on Processing and Value Addition in Maize

Celebration of Engineers Day and One Day Workshop on “Engineering Interventions in Agriculture”

College of Agricultural Engineering, UAS, GKVK celebrated Engineers’ Day on 16.09.2025. Further, in this connection one day Workshop on Engineering Interventions in Agriculture for UG and PG Students was organized.



Celebration of Engineers Day at UAS, Bengaluru

FUTURE PROGRAMMES

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

- Regional Agriculture Fair (RAF) for the East Region (6-8 Feb 2026): The University will be hosting the Regional Agriculture Fair (RAF) for the East Region of the country during 6-8 Feb 2026 on the theme Viksit Krishi-Unnat Bharat. Technology stalls and farmers from Bihar, Jharkhand, Odisha, West Bengal, and other states will participate. The RAF will showcase and sensitize farmers about Viksit Krishi-advancement of new agricultural technologies in field crops, horticulture, agroforestry, fisheries, animal science and other allied sectors, including agripreneurs. The Regional Agriculture Fair will also provide a platform for communication and collaboration between industry and government



First Circular of Information
Brochure of Regional
Agriculture Fair

institutes in enabling smart, sustainable agriculture practices. With the support from DARE, MoA&FW, GoI, the RAF will facilitate the farming community and other stakeholders with an array of innovative, improved farming technology in agriculture and allied science, putting forward the motto of agriculture with science and pave the way for better transfer of technology applicable to the region.

Odisha University of Agriculture and Technology (OUAT), Bhubaneswar

- Strengthening of collaboration with national and international Institutes/Universities for academic exchange, student exposure and frontier research.
- Strengthening infrastructure and empowering scientists/faculties for improving academic research.
- Establishment of new administrative buildings and infrastructures of the University for smooth functioning.

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

- To continue teaching programme of UG/PG and Ph.D. Programme.
- Trainings and demonstrations on hydroponics.
- Establishment of Hi-Tech Modern Dairy Farm and Processing Unit at R.S. Pura campus.
- Awareness of Farm Mechanization, Custom Hiring to the farmers/ youth etc.
- Awareness about agricultural processing equipment to the farmers and young youth.
- Training programme on micro irrigation and engineering intervention for watershed for officers of the line department.
- Research and analysis on water hydraulics under portable gravity feed drip irrigation system.
- Identifying biomarker for tumor diagnosis and molecular characterization of pox virus and *Salmonella* infection in livestock and poultry.
- To work on emerging zoonoses and to study the epidemiology of important livestock diseases of public health significance in Jammu Region of UT of J&K.
- *In-vitro* studies on post thaw sperm motilities, use of immuno-modulators in therapeutic management of infertility and developing suitable protocols for estrus synchronization and estrus induction in postpartum anestrous buffaloes and cattle so as to reduce calving interval.
- Cryopreservation, semen handling and artificial insemination.
- Augmentation of fertility and control of calving interval through synchronized induction of oestrus and ovulation.
- Characterization and conservation of native germplasm.

University of Agricultural Sciences (UAS), Bengaluru

- University of Agricultural Sciences, GKVK, Bengaluru in collaboration with other institutes will be hosting National symposium on Challenges and sustainable management of mites in agriculture, Horticulture and Sericulture, on 20 and 21 November 2025 at UAS, GKVK, Bengaluru.
- University of Agricultural Sciences, GKVK, Bengaluru in collaboration with other institutes will be organizing International Conference under the REWARD program from 26 to 28 November 2025 at ITC Gardenia Hotel, Bengaluru.

- Planned to organize Technology Week in the respective KVKs of UASB in the month of November 2025.
- Krishi Sakhi training programme (Modul 3 and 4) will be conducting at respective KVK's in November and December 2025.
- Planned to organize the short course on Fourteen Weeks Certificate Course in Baking Technology and three Four weeks Baking Courses, and six collaborative training programmes at IBT&VA, GKVK, UASB.
- To commemorate the Vajramahostava of UAS (B) and thirty years of establishment of College of Sericulture, Chintamani a national conference is being organized on 23 and 24 December 2025 at College of Sericulture, Chintamani.

**The IAUA sincerely thanks Hon'ble Vice Chancellors of Member Universities
for their kind cooperation and support to the Association.**