



“BAU Sabour 2025: Advancing Innovation, Impact, and Inclusion in Agriculture”

A Vision of Progress through Academic Excellence, Research Leadership, and Rural Transformation



BIHAR AGRICULTURAL UNIVERSITY, SABOUR
BHAGALPUR, BIHAR

Website: bausabour.ac.in

BIHAR AGRICULTURAL UNIVERSITY SABOUR

Achievements (January–June 2025)

» ACADEMICS

1. **NAAC Accreditation "A" Grade** – The University was awarded 'A' grade status, reflecting its commitment to academic excellence and institutional integrity.
2. **Government Appointments** – Over 350 students were selected in Bihar Government services as BAO, SDAO, DHO, and other key agricultural roles.
3. **Successful Campus Placements** – Students secured jobs in IFFCO, Jeevika, Coromandal Fertilizers, and nationalised banks, reflecting strong industry linkage.
4. **ISRO Scientist Selection** – A student from BAU was selected as a Scientist in ISRO, a prestigious national achievement.
5. **Adjunct Faculty Appointments** – Leading domain experts were inducted as Adjunct Faculty to enrich teaching and research.



6. **PG Seat Enhancement** – Increased seat intake in PG programmes to meet rising demand.
7. **Paid Seats in PG/PhD** – Introduced a new paid seat provision in selected departments to expand access.
8. **DigiLocker Integration** – All degrees were digitally uploaded to DigiLocker for ease of access and verification.
9. **Academic Bank of Credits** – Students were successfully registered under the Academic Bank of Credits (ABC) system.
10. **ICAR 6th Dean's Recommendations Adopted** – UG programmes aligned with latest ICAR standards for curriculum modernization.
11. **Sports and Cultural Meet** – Organized a university-wide meet fostering extracurricular excellence and student unity.
12. **Launch of AgriGLAMS** – “Krishi Ki Padhai, Anand Ke Saath” - The university launched AgriGLAMS, a joyful learning initiative developed in collaboration with C-DAC Patna, combining agricultural education with interactive and engaging digital content.



► RESEARCH

13. **₹62 Crore National Project** – Secured a flagship project under the National Soil Mapping Program (NSMP) from the Government of India.
14. **DST Projects Awarded** – Received 4 new research projects from the Department of Science and Technology (DST).
15. **GI Filings** – Filed 17 new GI applications for region-specific agri-products.
16. **NABL Accreditation** – Achieved NABL recognition for the Pesticide Residue Lab, ensuring high-quality analysis.
17. **Patents and Copyrights** – Received 14 patents and 14 copyrights, reinforcing BAU's innovation ecosystem.

18. **Gene Bank for Rice** – Established a Gene Bank to conserve and study rice biodiversity.
19. **Advanced AI Lab** – Set up an AI Laboratory in collaboration with C-DAC for advanced agri-tech research.
20. **GI Packaging Boxes Launched** – Designed and launched branded packaging for GI products like Litchi, Makhana and Zardalu Mango.
21. **MoU with Silk Producer & NIAM** – Strengthened agri-value chains through collaborative agreements.
22. **BHAARTI Drone Training Initiative** – Partnered with Fliteline Aviation Academy, New Delhi, to promote drone technology for rural women in agriculture.
23. **National Seminars Organized** – Hosted events on IPR and sustainable agriculture.
24. **CIDSA Partnership** – Collaborated to set up the AI-enabled Centre for Innovation in Digital and Sustainable Agriculture, featuring labs in precision farming, drone tech, and more.
25. **# 1 Rank for Bihar Incubation Cell** – Topped the state in agri-startup incubation and innovation facilitation.
26. **Surveillance Audit of NABL Accredited Lab** - A successful NABL surveillance audit was conducted for the accredited laboratory, reaffirming the university's commitment to maintaining national quality standards in lab research.
27. **Biotechnological Resource Conservation** - A new approach to conserve biotechnology-linked bio-resources was introduced, ensuring long-term preservation and utilization of critical genetic materials and biological assets.
28. **Release of GI-Themed Postage Stamps** - In recognition of Bihar's rich agricultural heritage, India Post released postage stamps featuring GI-tagged products such as Shahi Litchi, Makhana, Zardalu Mango, Katarni Rice, and Maghai Paan, following advocacy and coordination by BAU, Sabour.



» EXTENSION

29. **Vikshit Krishi Sankalp Abhiyaan** – Reached 2872 villages and 3 lakh farmers under this mission-driven campaign.
30. **State-Level Kisan Mela** – Successfully organized with high farmer participation and stakeholder engagement.
31. **21-Day ICTR Training** – Specialized training on Information & Communication Tech in Rural Agriculture.
32. **Impact Study on Malnutrition Programmes** – Evaluated and documented changes in nutritional status in target regions.
33. **Mango Diversity Exhibition** -A successful exhibition showcasing the vast genetic diversity of mangoes conserved and studied by the university was organized, attracting farmers, scientists, and students.

» TRAINING

34. **1 Lakh Farmers Trained** – Conducted skill development and upskilling programs, enhancing livelihood and technology adoption at scale.
35. **National Seminar on Horticulture** - A four-day horticulture seminar on “Accelerated Development of Horticulture for Improved Livelihood in Amritkaal” was organized from May 28–31, 2025, with participation from national experts, policymakers, and entrepreneurs.



36. Summer Training Programme - Hands-on summer training was conducted for students of Biotechnology from reputed institutions like SHUATS (Prayagraj), ITM University (Gwalior), Patna University, and TMBU (Bhagalpur), strengthening inter-institutional learning and exposure.

» SOCIAL OUTREACH

37. WAVES Award 2025 – Honoured with the WAVES Award in Mumbai by CRS Barh and 90.8 FM Green for innovation in agri-outreach.

38. Sawal Jawab Broadcast – Continued regular radio programming addressing real-time farmer issues.

39. 5+ Crore YouTube Views – Reached a milestone of over 5 crore views on the university's YouTube channel, reflecting high digital engagement.

40. Satellite Training Centres Established – Launched multiple rural training centres to improve last-mile extension delivery.

41. Cloth Bank Launched – Introduced a social welfare initiative to support underprivileged communities with basic clothing needs.

42. Plantation of 200 Sindoor Trees on World Environment Day - On the occasion of World Environment Day (June 5, 2025), the university organized a green drive under which 200 Sindoor trees were planted across the campus to enhance biodiversity, promote native species, and raise awareness about ecological conservation.

Achievements
(January–June 2025)



BIHAR AGRICULTURAL UNIVERSITY, SABOUR

Six-Month Academic Plan (July–December 2025)

To align with the National Education Policy 2020 and enhance academic excellence, BAU Sabour is initiating the following academic reforms and activities over the next six months:

1. Addition of Interdisciplinary Courses

New interdisciplinary electives will be introduced across postgraduate programmes to promote cross-domain learning, innovation, and holistic development.

2. Expansion of Skill-Oriented Certification Courses

Short-term certificate courses focusing on agri-business, digital tools in agriculture, bioinformatics, and post-harvest technologies will be launched to boost employability and entrepreneurship.

3. Appointment of Professor of Practice

Experts from industry and public service will be inducted as Professors of Practice to deliver experience-based teaching and mentorship in emerging agricultural areas.

4. Induction of Adjunct Faculty

Domain specialists and scientists from premier institutes will be engaged as adjunct faculty to support course delivery, seminars, and student research guidance.

5. Industry Partnerships for Joint Training

The university will formalize collaborations with agri-tech companies, food industries, and start-ups to jointly offer hands-on training and exposure to real-world challenges.

6. Annual Interdisciplinary Events: "Interdisciplinary Innovation Days"

A flagship academic event will be organized annually to showcase student innovations, interdisciplinary research projects, and promote collaborative learning.

7. Formation of Advisory Boards

Advisory boards consisting of industry experts, researchers, and academic leaders will be constituted at faculty and college levels to provide strategic inputs on curriculum and skill alignment.

8. Digital Assessment Tools

Development and implementation of digital platforms for internal assessments, project evaluations, and online exams will be initiated to ensure transparency and comprehensive evaluation.

9. Blended Learning Programmes

Faculty training and content development will be undertaken to implement blended (online + offline) learning in selected courses, using digital learning management systems (LMS).

10. Internal Academic Audits

All departments will undergo academic audits to review curriculum delivery, student performance, and faculty workload against quality benchmarks and regulatory compliance.

11. Quality Improvement Plans

Action-oriented quality improvement plans will be developed based on audit outcomes, stakeholder feedback, and accreditation observations, with timelines and monitoring frameworks.

12. Kulpati Samvad with Students

A quarterly interactive session will be initiated where the Vice Chancellor will directly engage with students to discuss their aspirations, concerns, and suggestions.

13. Online Teaching for Class 12 Students

A dedicated online teaching module will be launched to educate and attract Class 12 students toward agriculture as a career option by introducing them to agri-science fundamentals.

14. Soft Skill and Communication Programmes

University-wide training sessions will be conducted to enhance soft skills, communication, personality development, and digital competency among students.

15. Exposure Visits for Students and Faculty

National and inter-institutional exposure visits will be organized for both students and faculty to foster learning through field experience, academic collaborations, and industry interface.

Six-Month Research Plan (July–December 2025)

As part of its forward-looking research strategy, BAU Sabour is launching the following initiatives to accelerate innovation and enhance its contribution to sustainable agriculture:

16. Digital Soil Mapping of Bihar (NSMP Initiative)

The university will initiate the digital soil mapping of Bihar under the National Soil Mapping Program (NSMP) to support site-specific nutrient and water management strategies.

17. GI Filing of 16 Additional Products

BAU Sabour will file for Geographical Indication (GI) tags for 16 more region-specific products to support rural economy, branding, and conservation of traditional knowledge.

18. NABL Accreditation of Three More Labs

Efforts are underway to secure NABL accreditation for three additional analytical laboratories to ensure precision and quality assurance in testing and research services.

19. Climate Resilient Varieties of Pulses/Oilseeds

Breeding programmes will be intensified to develop varieties of pulses and oilseeds tolerant to heat, drought, and emerging pests, addressing climate change challenges.

20. Development of Bio-Fortified Crop Varieties

The University will focus on improving the nutritional profile of crops (e.g., iron-, zinc-, or protein-rich cultivars) through bio-fortification research.

21. Water Use Efficiency Research

New trials will begin under the “Per Drop More Crop” initiative to improve irrigation efficiency and crop yield using precision water management technologies.

22. Advanced Courses in Digital Agriculture

Specialized courses will be introduced in digital agriculture, focusing on AI, remote sensing, and data analytics to equip students with modern agri-tech competencies.

23. Nutrition and Food Security Research Unit

A dedicated research unit will be established to work on fortified crops, nutrition-sensitive agriculture, and dietary diversification to address malnutrition.

24. Climate-Controlled Research Labs

Laboratories with climate control systems will be set up for studying heat-resistant and abiotic stress-tolerant varieties under simulated conditions.

25. Development of Gene Bank

A university-level gene bank will be established to conserve and characterize dominant crop germplasm from Bihar for future breeding and research use.

26. Agri-Product Certification and Branding

A certification mechanism will be introduced for quality agri-products developed at BAU to ensure market recognition and consumer trust.

27. Commercialization of University Technologies

A focused effort will be made to license or commercialize proven technologies and patents developed by the university through industry linkages and incubation support.

28. Focus on Secondary Agriculture

Research activities will be directed toward promoting value-added products, agro-processing, and entrepreneurship through secondary agriculture to enhance farmers' income.

29. Location-Based Research Models

Agro-climatic and location-specific research models will be developed to address the unique challenges of different regions and improve productivity.

30. Introduction of New and Underutilized Crops

Trials and demonstration projects **will be initiated** for introducing new crops and promoting underutilized species like millets, chestnut, and medicinal plants.

Six-Month Extension Plan (July–December 2025)

To strengthen grassroots outreach and ensure inclusive agricultural development, BAU Sabour will implement the following extension activities in the next six months:

31. Impact Metrics for Sustainable Practices

A framework will be developed to measure the effects of sustainable agricultural practices on soil health, productivity, and environmental resilience across targeted districts.

32. Community Workshops on Best Practices

Farmer-centred workshops will be conducted regularly to disseminate success stories, innovations, and practical solutions across farming communities.

33. Mobile Seed Library Initiative

A mobile-based seed library system will be piloted to facilitate easy access to quality seeds and traditional crop varieties in remote areas.

34. Promoting AI and IoT in Agriculture

Awareness campaigns and demos will be organized to introduce Artificial Intelligence and IoT applications in precision farming to progressive farmers and FPOs.

35. Expansion of Malnutrition Eradication Programmes

Nutrition-sensitive interventions will be expanded to additional villages, with a concurrent impact study to assess outcomes on dietary improvement and public health.

36. Agri-Tourism Promotion

Rural agri-tourism models will be encouraged to boost local income, preserve agricultural heritage, and engage youth in innovative farm-based ventures.

37. Gender Mainstreaming in Agriculture

New training modules and leadership development programmes will be introduced to increase women's participation and empowerment in agri-value chains.

38. FPO Identification and Support

Potential Farmer Producer Organizations (FPOs) will be identified by crop/commodity, and support will be provided to register them under central and state schemes.

39. Digital Training for Extension Personnel

Training sessions will be conducted to equip Krishi Vigyan Kendra (KVK) and extension workers with digital tools for field service and information delivery.

40. Content Addition to Gyan Vahan

At least 50 new high-quality educational videos will be developed and uploaded to the *Gyan Vahan* platform to enhance farmer learning and outreach.

41. KIOSK Management and Kisan Helpline Website

A web-based KIOSK and Kisan Helpline system will be developed and hosted to streamline farmer queries and real-time advisory services.

42. Village Adoption Programme

Five low-income villages per district will be adopted to implement integrated rural development models focusing on nutrition, sustainable farming, and income generation.

43. Strengthening Land to Lab Programme

The existing land-to-lab programme **will be strengthened** by creating effective feedback loops, ensuring real-time technology transfer to the grassroots.

44. Selection of Innovative Farmers

A process **will be initiated** to identify and honour innovative farmers practicing sustainable agriculture and to use them as model resource persons.

45. Promotion of Indigenous Knowledge Systems (IKS)

A structured initiative **will be launched** to document, validate, and promote traditional farming knowledge for broader extension outreach.

46. Development of Farmers' Models and Libraries

Model profiles of successful farmers **will be developed** and village-level **farmer libraries will be established** to provide learning resources and technical content.

47. Final Report on Malnutrition Programme

The final evaluation report of the university's intervention in malnutrition eradication **will be completed and submitted** for academic review and policy advocacy.

Six-Month Training Plan (July–December 2025)

To enhance farmer knowledge, promote sustainable practices, and ensure technology transfer, BAU Sabour will undertake the following training initiatives over the next six months:

48. Capacity Building of 2 Lakh Farmers

Through KVKs, ATICs, and extension units, intensive training will be conducted across Bihar to build the capacity of 2 lakh farmers on improved agricultural techniques and farm management.

49. Specialized Workshops on Organic and Natural Farming

District-wise thematic workshops will be organized focusing on organic farming, natural resource-based agriculture, and the operation of improved agricultural implements.

50. Agribusiness Mentorship Programme

A structured mentorship platform will be launched to connect trained farmers and agri-entrepreneurs with successful agribusiness leaders for guidance, networking, and investment linkage.

51. Online Repository for Training Materials

A centralized digital repository will be developed, housing all research publications, manuals, training materials, and videos accessible to farmers, students, and professionals.

52. Mobile Applications for Farmers

Farmer-friendly mobile apps will be launched, featuring training modules, weather forecasts, pest alerts, and real-time market prices, in regional languages for better accessibility.

53. Development of Case Studies

Impact case studies of training programmes will be developed to showcase success stories, innovations adopted, and improved livelihoods, serving as motivation for wider adoption.

54. Tracking System for Training Outcomes

A digital system will be implemented to track the progress and post-training success of participants to evaluate impact and refine future training strategies.

Six-Month Social Outreach Plan (July–December 2025)

As part of its mission to build a sustainable and self-reliant rural ecosystem, BAU Sabour will implement the following social outreach initiatives:

55. Strengthening of Agricultural Entrepreneurship Hub (SABAGRI)

The university will strengthen *SABAGRI*—an Agri-Entrepreneurship Hub to provide rural youth and farmers with mentorship, access to incubation support, training resources, and start-up facilitation.

56. Short-Term Certification Programmes

Certification courses will be launched in organic farming, agro-processing, and digital agriculture to enhance rural livelihood options and promote farm-based enterprises.

57. Community Knowledge Bank

A digital and physical repository will be developed to document indigenous knowledge, traditional farming wisdom, and local innovations for preservation and knowledge transfer.

58. Satellite Training Centres

Small-scale satellite training centres will be set up in underserved rural locations to bring skill development and agricultural training closer to remote farming communities.

59. Start-up Conclave

A dedicated Agri-Startup Conclave will be hosted to showcase innovations, facilitate start-up mentoring, and encourage entrepreneurship among youth.

60. 1000 Ideas for Agro-Startups

A university-wide campaign will be undertaken to collect and document 1000 innovative startup ideas in agriculture and allied sectors.

61. Book on Sustainable Development Goals (SDGs)

A book highlighting BAU Sabour's contributions toward achieving the SDGs in agriculture, education, and rural development will be released.

Six-Month Social Environmental Development Plan (July–December 2025)

In alignment with its commitment to environmental stewardship, BAU Sabour will undertake the following green initiatives over the next six months:

62. Installation of Solar Panels

Solar energy systems will be installed on the remaining university buildings to reduce dependence on non-renewable energy sources and lower carbon emissions.

63. Establishment of a Biodiversity Park

A biodiversity park/botanical garden will be developed on campus to showcase native and endangered plant species, supporting conservation efforts and serving as a live laboratory for ecological education.

64. Annual Tree-Planting Drives

University-wide tree plantation campaigns will be held with an annual goal to increase green cover by 15%. Students, staff, and local communities will be engaged in this drive.

65. Promotion of Efficient Irrigation Techniques

Drip irrigation and other water-saving technologies will be introduced on university farms, with practical training provided to local farmers to encourage adoption.

66. Waste to Wealth Initiatives

Composting units, biogas plants, and recycling stations will be promoted and expanded to convert agricultural and campus waste into usable products like organic manure, energy, and crafts.



**Release of GI (Shahi Litchi)
Packaging material**



**Inauguration of
Kharif Mahaabhiyan by Hon'ble Chief Minister
and Agriculture Minister, Bihar**



**Distribution of appointment letters
to newly appointed Assistant Professor
and laying foundation stone of
College of Agricultural Biotechnology
and College of Agricultural Engineering,
Ara by Hon'ble CM, Bihar**



**Operation Sindoor:
Plantation of Sindoor by District
Magistrate on the eve of
World Environment Day,
2025**



**Visit of NAAC team from
28-30th May, 2025**

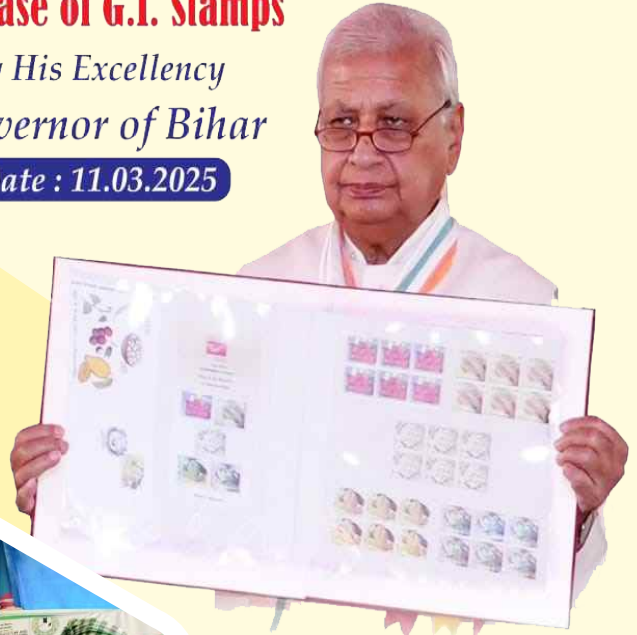


**Vice Chancellors Conference at
NASC, New Delhi on 20th April, 2025**

Release of G.I. Stamps

by His Excellency
Governor of Bihar

Date : 11.03.2025



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