



**DEV BHOOMI**  
—UTTARAKHAND—  
**UNIVERSITY**

DEV BHOOMI SCHOOL OF  
**AGRICULTURE**



Vol. 1, Dec 2023

# ARBO DE VIVO

**NEWS LETTER**

Editor in Chief : Prof. (Dr.) Manisha Phaugat

Editor : Mr. Tapor Pakpu



## Chancellor's Message

### **MR. SANJAY BANSAL**

CHANCELLOR

DEV BHOOMI UTTARAKHAND UNIVERSITY

I am delighted to extend my warmest congratulations to the School of Agriculture for coming out with the 1st volume of Arbo de vivo, showcasing the remarkable academic session characterized by exceptional achievements and scholarly brilliance. The dedication to academic excellence displayed by the students, faculty, and staff in the School of Agriculture is truly commendable.

Commitment to advancing knowledge, fostering creativity, and gaining momentum in research reflects the essence of Dev Bhoomi Uttarakhand University's mission. The collaborative spirit of the school of agriculture has contributed to its success. Together, you have created an environment that nurtures academic growth and innovation.

### **Keep growing**

## Vice Chancellor's Message

As we mark the end of another session, I am immensely proud to reflect on the outstanding academic achievements that define School of Agriculture. These past months have witnessed unparalleled dedication from faculty, staff, and students of the school, showcasing a commitment to excellence that is truly commendable.

The groundbreaking research, innovative projects, informative educational visits, and exceptional academic performances across disciplines underscore the vibrancy and intellectual vitality of the institution. Dev Bhoomi Uttarakhand University acknowledges the academic community's relentless pursuit for knowledge and their invaluable contributions to the collective success. Earnestly, I look forward to the continued collaboration and achievements that shall undoubtedly shape the future of School of Agriculture and DBUU as a whole.

### **Best Wishes**



### **PROF. (DR.) PREETI KOTHIYAL**

VICE CHANCELLOR

DEV BHOOMI UTTARAKHAND UNIVERSITY



## Dean's Message

As we reflect upon the past academic session, it fills me with immense pride to witness the remarkable achievements and dynamic activities that have graced our school. The dedication and passion exhibited by each member of the academic community have played an instrumental role in fostering an environment of excellence and innovation.

Throughout the session, our school has achieved significant milestones, both in terms of academic accomplishments and extra curricular endeavors. The faculty members research contributions have continued to expand the boundaries of knowledge in their respective fields, enriching not only the institution but the broader academic community. The enthusiasm shown by the students in various intercollegiate competitions and community outreach programs is truly commendable.

Looking ahead, let us carry forward this momentum, nurturing an environment where creativity and collaboration flourish. Together, we can build on our achievements, aiming for even greater heights in the upcoming session. I am exhilarated to witness the continued growth of the school and the incredible journey that lies ahead.

**PROF. (DR.) MANISHA PHAUGAT**

DEAN

SCHOOL OF AGRICULTURE, DBUU





**DEV BHOOMI**  
UTTARAKHAND  
UNIVERSITY

**SCHOOL OF AGRICULTURE**



# About **THE SCHOOL**

The School of Agriculture (SOA) is dedicated to imparting best quality of learning environment to students so as to be in sync with Dev Bhoomi Uttarakhand University's vision & mission. The School of Agriculture is one of the top agriculture college in Dehradun for modern agro-professional and advanced agricultural education along with undergraduate and post-graduate degree programmes running under the school that emphasizes the development of technical and professional skills, experiential learning for entrepreneurship and job opportunities, innovative research and extension, and much more that integrates student progress in smart agriculture.

At the heart of the School of Agriculture's success lies its exceptional faculty members. The teaching staff comprises distinguished experts and scholars who bring a wealth of experience and research achievements to the classroom. Their dedication to nurturing the next generation of agricultural leaders ensures that students receive comprehensive and up-to-date insights into modern agricultural practices, sustainable farming techniques, and cutting-edge research advancements.

The school boasts state-of-the-art facilities that support hands-on learning and practical training. From expansive experimental farms and greenhouses to fully-equipped laboratories, students have access to the resources necessary to deepen their understanding of agriculture's various facets. Additionally, partnerships with local farmers and agribusinesses provide students with valuable opportunities for real-world experience, internships, and industry exposure, allowing them to bridge the gap between theory and practice seamlessly.

Furthermore, the School of Agriculture takes pride in its commitment to sustainable agriculture and environmental stewardship. Emphasizing the importance of responsible farming practices and ecological balance, the school instills in its students a deep sense of responsibility towards the planet and its resources. Graduates of the School of Agriculture emerge not only as competent professionals but also as advocates for a more sustainable and resilient future in the face of global challenges such as climate change and food security concerns. With its comprehensive curriculum, esteemed faculty, and dedication to sustainability, the School of Agriculture remains at the forefront of agricultural education, equipping students with the knowledge and skills to make a meaningful impact in the agricultural industry.





## Events & Activities



### Millets Festival

Amidst a jubilant celebration of the International Year of Millets, the School of Agriculture curated an enlightening educational stall and visit for the brilliant minds of B.Sc. & M.Sc. Agriculture at Dev Bhoomi Uttarakhand University from 13-16 May 2023. Set against the picturesque backdrop of Survey of India, Hathibarkala, Dehradun.

This event was a paradise for students seeking to explore the fascinating world of millets. With an impressive lineup of esteemed research organizations and visionary entrepreneurs, the stall showcased a diverse array of organic products, including tantalizing varieties of millets and their delightful processed forms. Stepping into this immersive experience, students were enchanted by the revelation of Uttarakhand's native millet species. The knowledge they gained transcended textbooks, connecting them to the very heart of their agricultural roots. As the day unfolded, a newfound awareness of the immense importance and promising scope of millet production dawned upon the young minds. Understanding the remarkable nutritional value of millets and the intricacies of their processing left them inspired to embrace sustainable practices and celebrate the bounties of nature.



## National Farmer's Day

In a spirited celebration of "National Farmer's Day," on 23/12/2022, the School of Agriculture orchestrated a captivating array of activities: Rangoli, Poster Presentation, Donation, and Plantation Drive. This vibrant event served as a powerful platform to raise awareness among students about the unwavering dedication and sacrifices made by farmers for our society. Through creativity and compassion, the campus came alive, uniting students in gratitude and admiration for these unsung heroes.

## Pavements landscape

Unleashing the power of creativity, the School of Agriculture orchestrated a captivating "Pavement Landscape" competition during the vibrant Navdhara fest on 16/05/2023. Enthusiastic students, with minds brimming with innovation, joined in the excitement, presenting their masterpieces of imagination. The pavements transformed into living canvases, adorned with stunning artworks that showcased their exceptional creativity. It was a celebration of talent and inspiration, where agriculture and art merged harmoniously. Witness the brilliance of these budding visionaries as they redefine landscapes with their boundless ingenuity!



## Concours De Debats

Amidst an atmosphere of intellectual fervor, the School of Agriculture hosted the enthralling "Concours De Debats" on 22/02/2023, for the talented students of B.Sc. (Hons.) Agriculture. This captivating event served as a beacon of encouragement for the students, fostering a relaxed environment that nurtured their learning journey. A celebration of innovative thought and compelling discourse, "Concours De Debats" left an indelible mark on all, igniting a passion for knowledge and a thirst for engaging discussions.



## Hands-On Training and Workshop

### Sustainable Livelihood through Animal Husbandry



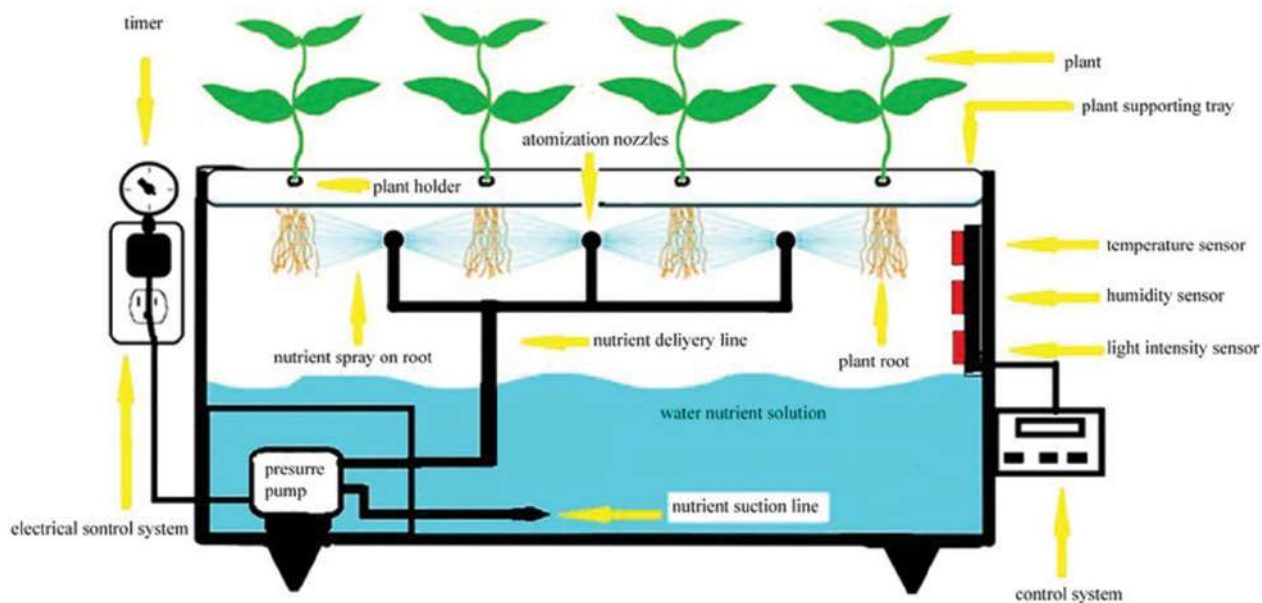
Unveiling a gateway to practical wisdom, the School of Agriculture joined forces with Abhinav Dairy, Sahaspur, Dehradun, to host a transformative Workshop on 'Sustainable Livelihood through Animal Husbandry' on 29/05/2023. The enthusiastic students of B.Sc. Agriculture from Dev Bhoomi Uttarakhand University gathered at the picturesque Abhinav Dairy farm for an immersive learning experience.

This remarkable workshop presented a golden opportunity for the students to gain firsthand insights into dairy farming in the local areas of Dehradun. Escaping the confines of traditional classrooms, they delved into the authentic world of work practices, bridging the gap between theory and reality. Guided by seasoned experts from Abhinav Dairy, the students imbibed practical knowledge that would serve as their foundation for success in the realm of animal husbandry.



## Training Cum Workshop on Hydroponics and Aeroponics

Unlocking the door to modern agricultural marvels, the School of Agriculture curated a transformative "Training Cum Workshop on Hydroponics and Aeroponics" on 10/11/2022 buzzed with excitement as students of B.Sc. (Hons.) Agriculture gathered for this enlightening event.



### Guided by the esteemed Dr. Sumit Purohit

the students embarked on a journey to explore the cutting-edge techniques of hydroponics and aeroponics in agriculture. This immersive experience proved to be a game-changer, empowering the students with knowledge and insights into the advanced methods reshaping the future of farming. Witnessing the seamless integration of technology and nature, they were inspired to embrace innovation and usher in a new era of sustainable and efficient agriculture.



## NDRI - National Dairy Research Institute



Venturing into a world of agricultural wonders, the School of Agriculture curated a remarkable educational visit for the vibrant students of B.Sc. Agriculture from Dev Bhoomi Uttarakhand University at the prestigious National Dairy Research Institute (NDRI), Karnal. On the vibrant days of 17<sup>th</sup> and 18<sup>th</sup> February 2023, the students embarked on a captivating journey of learning.

This educational escapade etched memories that would forever shape their passion for agriculture. Empowered with practical insights, they now envision a future where modernity and tradition harmoniously unite, cultivating a bountiful landscape of growth and prosperity. The School of Agriculture had sowed the seeds of brilliance, and the students were ready to reap a harvest of brilliance in their pursuits.



## ICAR-Indian Institute of Soil and Water Conservation, Selaqui, Dehradun

On 28<sup>th</sup> April 2023, the School of Agriculture, setting out on a quest for knowledge, organized a monumental educational trip for B.Sc. Agriculture students to the esteemed ICAR - Indian Institute of Soil and Water Conservation, Selaqui, Dehradun. Here, they immersed themselves in real-world knowledge for sustainable agriculture as they studied the art of soil and water management techniques. After seeing the wonder of soil and water conservation techniques firsthand, the students returned inspired and prepared to develop a more sustainable and prosperous future for agriculture and beyond.



## Abhinav Dairy, Sahaspur, Dehradun

The School of Agriculture organised a revealing educational visit for B.Sc. Agriculture students at Abhinav Dairy in Sahaspur, Dehradun, on 01/09/2022 as part of an immersive learning journey. This industrial visit provided students with an excellent opportunity to immerse themselves in the world of dairy farming in Dehradun's surrounding areas, obtaining practical knowledge that extends beyond the limitations of their college classrooms. Witnessing current work practices firsthand, the students returned empowered, armed with insights that will shape their path towards a future of excellence in agriculture.

## ICAR - Indian Institute of Soil and Water Conservation, Dehradun



The School of Agriculture on 11th May 2023 organised a transformative visit for B.Sc. Agriculture IV semester students to the prestigious ICAR - Indian Institute of Soil and Water Conservation, Orchard farm, Selaqui, Dehradun. Students engaged themselves in the latest technology that drive orchard farming while delving into the complexities of fruit orchard management.

This illuminating visit provided priceless insights, arming the students with practical knowledge that will mould their prowess in cultivating abundant and successful fruit orchards.

## Viceregal Botanical Garden, Indian Institute of Advanced Study, Shimla, Himachal Pradesh



Embarking on a captivating educational expedition, the School of Agriculture curated an enriching visit for the students of B.Sc. Agriculture VII semester at the mesmerizing Viceregal Botanical Garden, Indian Institute of Advanced Study, Shimla, Himachal Pradesh, on 9th and 10th December 2022. Stepping into a world of historical significance, the students explored the fascinating tales of important trees, medicinal, aromatic, and ornamental plants. This illuminating visit provided a golden opportunity to witness the practical knowledge of diverse cropping systems employed in cultivating medicinal and aromatic plants within the botanical garden. Immersed in the rich heritage and living beauty of the garden, the students returned with newfound wisdom, ready to nurture a greener and healthier world through their agricultural endeavors.

# Guest Lectures

## Role of Agricultural Engineering : Improving Agricultural Mechanization to Promote Sustainable Agricultural Development



Igniting a spark of innovation, the School of Agriculture organized a captivating guest lecture on "Role of Agricultural Engineering: Improving Agricultural Mechanization to Promote Sustainable Agricultural Development" for the talented students of B.Sc. (Hons.) Agriculture.

On the 13th of February 2023, the event was graced by the esteemed presence of Dr. Gopal Prasad Juyal, the chief guest, who enlightened the students about the pivotal role of agricultural engineering in modern agriculture.

This transformative activity opened doors to a world of modern and advanced techniques, empowering the students with knowledge that fosters sustainable agricultural development. With minds buzzing with new possibilities, they are now poised to lead the charge towards a greener and more prosperous future in agriculture.

## Recent trends in Water Research: Water Quality and Water Management



The School of Agriculture held an enlightening guest lecture on "Recent Trends in Water Research: Water Quality and Water Management" for the bright students of B.Sc. (Hons.) Agriculture. The occasion was graced by the distinguished presence of Dr. Gopal Krishan, the chief guest, who delivered an inspiring online lecture on April 21, 2023. Students were guided through the use of cutting-edge methodologies and developing technology in water resource development and management, with a focus on resolving critical societal water concerns. This transformative action left a lasting impact on the children, empowering them to be champions of sustainability and water conservation, so building a future in which water flourishes as a valuable resource for all.

# Achievements

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**Dr. Manisha Phaugat** has actively participated as **"Key Note Speaker"** on National Conference on Multi disciplinary strategy for health management under sustainable agriculture and East Zone meet 2022.

**Dr. Manisha Phaugat** has actively participated as **"Invited Speaker"** on National Conference on Multi disciplinary strategy for health management under sustainable agriculture and East Zone meet 2022.

**Dr. Minnu Sasi** has been awarded First Position for a poster titled- **'Paving the path for soy-synbiotics: Development and Characterization of innovative symbiotic soymilk with enhances nutraceutical potential'** in Plant Sciences thematic area during Entrepreneurship Development Programme in Biotechnology organized by Uttarakhand Council of Biotechnology (UCB) & Biotech Consortium India Limited (BCIL) at Govind Ballabh Pant Nagar University of Agriculture & Technology, Pantnagar from November 24-25, 2022.

**Mr. Aditya Kumar Verma** (B.Sc. Agriculture - 2019-23) has been awarded a Grant of Rs. 5 lakhs from IIM Kashipur for the Project **"multipurpose solar dryer and composter"** in 2022.

**Mr. Rahul Kashyap, Mr. Rahul Datta & Mr. Satish Kumar Yadav**, B.Sc. Hons. Agriculture (2021-25) were awarded at an Event Rural Business Incubator, organized by Uttarakhand State Government for best entrepreneurship in establishing their start-up 'Organii Foods' in 2022.

**Mr. Ritik Tiwari, Mr. Shivam Dhuriya & Ms. Naina Pandit** (B.Sc. Hons. Agriculture - 2022-26) were awarded Prize for **'Best Agriculture Project with use Sustainable Agriculture'** during 5th National-Level Working Model Competition on 16th May, 2023



## Journal Publications

S.No.	Name	Title	Journal	Year
1	Dr. Manisha	Impact of tillage cum crop establishment methods and nutrient management strategies on wet rice ( <i>Oryza sativa</i> L): crop productivity, water footprint, soil health and profitability in typic Ustochrept soils under semi-arid sub-tropical environment.	<i>Paddy and Water Environment</i> , 21(2), 165-179	2023
2	Dr. Manisha	Phytoremediation: An Effective Tool for Tackling Heavy Metal Pollution	<i>Journal of Environment and Bio-Sciences</i> , 37(1), 49-55	2023
3	Dr. Sushila Arya	Study of the Variability of the Chemical Profile, and Biological Activity Approaches of <i>Hedychium coronarium</i> J. Koenig Essential Oil from Different Habitats of Uttarakhand, India	<i>Journal of Food Quality</i>	2023
4	Dr. Minnu Sasi	Fermentative Bioconversion of $\beta$ -Glucoside Like Isoflavones is a Better Indicator of $\beta$ -Glucoside Hydrolysing Capability in Probiotic Lactic Acid Bacteria (LAB) Due to the Predominant Phosphoglucosidase Activity	<i>FoodBiotechnology</i> , 37(3), 260-279	2023
5	Dr. Minnu Sasi	Research trends and approaches for the nutritional and bio-functionality enhancement of fermented soymilk	<i>Journal of Functional Foods</i> , 107, 105698	2023
6	Dr. Minnu Sasi	Role of probiotic $\alpha$ -galactosidases in the reduction of flatulence causing raffinose oligosaccharides (RFOs)	<i>Biot. Res. Today</i> , 4, 640-642	2023
7	Dr. Minnu Sasi	Comparative analysis of the prebiotic effect of Fructooligosaccharides and Raffinose oligosaccharides on nutraceutical and sensory properties of soymilk fermented with mixed cultures of <i>Lactocaseibacillus rhamnosus</i> and <i>Weissella confusa</i> 30082b.	<i>Research square</i>	2023

## Patents & Projects

1. A patent published "Novel methodologies for early weed detection for improving crop yield using the algorithms of machine learning" by **Dr. Manisha on 30th December, 2022.**
2. A patent published on "A liquid biodegradable fertilizer material made of biological components" by **Dr. Manisha on 5th January, 2023.**
3. A patent published "A drip irrigation system for edible mushroom cultivation farms" by **Dr. Manisha on 13th May, 2023**

## Research Projects

1. A research project proposal submitted to UCOST entitled "Fabrication and Exploration of Low Budget Propagator House for Cultivation" is under review. (Approx cost 11.5 Lakh) by **Dr. Manisha.**
2. Submitted one research proposal to DBT on "Crop monitoring & disease management using Drone" on 21<sup>st</sup> January, 2023. (Approx cost 72 Lakh) by **Dr. Manisha.**
3. A research project proposal submitted to UCOST entitled "Cultivation, post harvest management & value addition in moringa" is under review. (Approx cost 17.5 Lakh) by **Dr. Sushila Arya.**





# School of Agriculture STAR'S



**ABHAY  
KUMAR**



**ABHISHEK  
KUMAR  
SINHA**



**KAJAL  
KUMARI**



**NIKHIL  
KUMAR**



**PRANSHU  
KUMAR**



**ALIZA  
ADHIKARI**



**ASHUTOSH  
PANDEY**



**ATUL  
KUMAR**



**PRATIKA  
PRASAD**



**NONGMAIthem  
PRIYA  
LUXMI DEVI**



**SNEHASISH  
CHATTERJEE**



**SANTOSH  
SHARMA**



**SILKY  
SUNDARAM**



**GARIMA  
KUMARI**



**SANDEEP  
MISHRWAN**



## ORGANI

**Rahul Kashyap (CEO, Organi food groups)**  
**B.Sc. Hons. Agriculture (2021-25)**

On April 3th, 2021 with my two co-founder I have started an startup/ company (ORGANI FOOD GROUPS) We mainly promote and works on traditional taste of Indian spices and pickles . We are situated in Manduwala , dehradun uttarakhand. Our dedication and hardworking have left a great gift for us because of which on first year we have completed our turnover of 3.5 lakh.



## CHICKEN CHULHA

**Gaurav Gupta (Owner)**  
**B.Sc. Hons. Agriculture (2021-25)**

I began this startup on 28th jan 2023, with a positive mind set. At beginning the sell was very slow but I was in hope of positive outcome and after a long time of hardwork and effort it gave me good response and now my current sell or my yearly turnover is 5.8 lakhs. The shop is located in manduwala, dehradun (uttarakhand)



## GRASSROOTS AGRI

**Navneet Kumar, Managing Director**  
**Brajesh Kumar, CEO**  
**M.Sc. Ag. Plant Pathology (2021-23)**

Grassroots Agri is a mother organization which works on establishment of an agriculture eco-system to connect each and every sectors of agriculture to build a better future. We are Registered Firm Under Uttarakhand Government with the registration no - IV/72/1-18/267 and also registered with MSME (UDYAM-UK-05- 0011055), FSSAI, Input License, NBB, eNAM. We are also working to provide a hands on training program to interested students/farmers.



## KANTI FISH FARMING

**Sanjay Kumar**  
**M.Sc. Ag. Plant Pathology (2021-23)**

On October 3th 2023 I have started an startup/company (Kanti Fish Farming). We mainly promote and works on traditional fish farming. We are situated in Singrauli, Madhya Pradesh. Our dedication and hardwork have left a great gift for us because of which on first year we have completed our turnover of 7-10 lakhs.





## Arbo de vivo

The term "**arbo de vivo**" means "Tree of Life" in Esperanto. One concept stands out as a beacon of enlightenment in the mesmerizing tapestry of agriculture: the Tree of Life. This intriguing concept, founded in evolutionary biology, threads a captivating thread through the world of agriculture, promising innovation, resilience, and long-term growth. As we explore the allure of the Tree of Life in agriculture, we realize its tremendous impact on crop evolution, biodiversity conservation, and the very nature of farming practices.

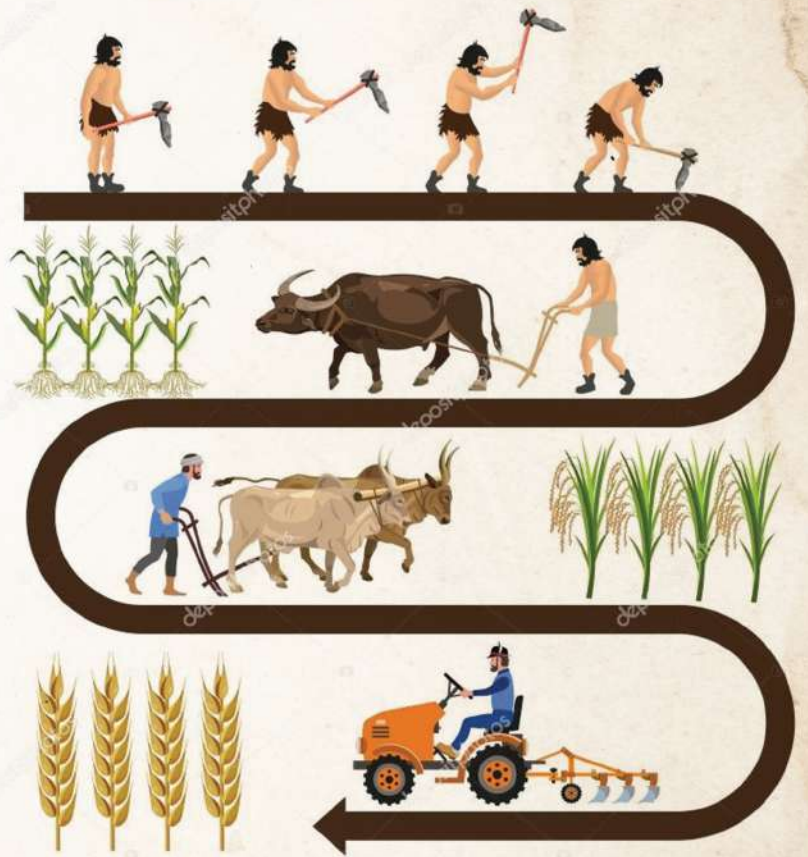
Picture this: a road map to the past, present, and future of our crops and agriculture. The Tree of Life, with its intricate branches, unveils the genetic ancestry of crops and their predecessors, offering a treasure trove of insights for crop development. Imagine crops that shrug off pests with ease, embrace shifting climates with grace, and burst forth with enhanced nutrition. This is the promise that the Tree of Life holds for modern agriculture – a promise of flourishing fields and bountiful harvests.

But the Tree of Life's allure extends beyond immediate gains. It beckons us to revere biodiversity, to understand the delicate choreography of life's interconnected dance. Wild relatives of crops, often overshadowed, take center stage as the Tree of Life illuminates their vital role. Preserving this diversity becomes a symphony of environmental stewardship, securing a harmonious future where agriculture thrives alongside thriving ecosystems.

In conclusion, the Tree of Life isn't just a concept; it's an invitation to a world where agriculture evolves hand-in-hand with nature. It beckons us to create crops resilient to the challenges of tomorrow, to cherish the diversity that underpins our food systems, and to cultivate fields that resonate with the symphony of life. With the Tree of Life as our guide, agriculture takes on an enchanting hue, weaving a future where progress and harmony coalesce in breathtaking harmony.

# School of Agriculture





“If farmers stop cultivation, even Rishis can not survive”

- Thiruvalluvar



## Preparing your own potting mixture

**A good potting mix should have the following characteristics:**

- Air porosity
- Water/moisture retention
- Support/Anchorage
- Fluffy and lightweight
- Well-draining
- Infection/pest-free
- Free from weed seeds

Common ingredients in a good potting mix

**Soil** Good quality soil should be free from stones, lumps, and rich in nutrients. Do not take soil from construction sites. Use red clay or good-quality topsoil.

**Peat moss** Peat moss is the most common ingredient in soilless mixes due to its wide availability. Peat moss decomposes very slowly and holds a large amount of water, however, it has high acidity. Lime is usually added to the mixture to balance the pH.

**Coco peat** Coco peat resembles peat moss but is granular and has an optimum pH for growing plants. It is important to note that coco peat may require less potassium and more nitrogen supplementation. It maintains the right amount of water retention and air porosity.

**Vermicompost** Vermicompost is an excellent, nutrient-rich organic fertilizer and soil conditioner.

How to make potting mix

- 1 part of good quality red soil/topsoil.
- 1 part coco peat/peat moss.
- 1 part of compost (vermicompost/manure)

Preparation

For every 15 kg of the above mixture, add 200 g of bone meal and 200 g of oil cake and 200 g of wood ash. Mix them well. When the mixture becomes uniform, keep it in a sack or big container, cover it and leave it well for 3 weeks. Make sure the mixture is slightly moist. It should not drip when you press it in your palm. After 2-3 weeks, the potting mix is ready for use.

# Programs Offered

## Under Graduate Program (4 Yrs)

- || B.Sc. Agriculture (Hons.)
- || Bachelor of Technology - Dairy Technology

Eligibility : Candidate should have passed Intermediate (10+2) examination or equivalent with Mathematics/Biology/Agriculture group from any recognized Board/University with minimum 45% marks

## Post Graduate Program (2 Yrs)

- || Master of Science (M.Sc.) Agriculture
  - Agronomy
  - Plant Pathology
  - Plant Breeding & Genetics

Eligibility : The candidate must be graduate under 10+2+3 or 10+2+4 pattern in courses like Horticulture, Forestry, and Agriculture securing at least 50% marks or equivalent CGPA in aggregate, from a recognized university.

## Ph.D. (3 Yrs)

- || Agronomy



# Career Opportunities



R&D jobs in Seeds, Pesticides, Fertilizers, Irrigation Companies, Flower Industries, Nurseries, Food Products, Medicines, Atomic Research Centers, etc.



Scientists, Professors, Biologists, Researchers, Environmentalist, Geo scientists, Bioinformaticists, Taxonomist, etc.



Relationship Officers & Credit Managers in Private Banks.



Horticulture Officer, Technical Assistant (Silk, Spice, Tobacco, Coconut, Coffee, Rubber Boards).



Contract Farming, Seed Technology Firms, Sugar Industry (Cane-officers), Food Parks (Supply Chain, Post-Harvest Management), Urban Pest Management Services, Consultant Services, UPSC & Indian Forest and Agriculture Services.



Farm Managers, Plantation Managers, Production Managers and Field Officers.



Food Safety and Standards Authority of India (Officer), FCI, IFFCO, etc.



Biochemist, Environmental Engineer, Agronomy Sales Manager, Food Scientist, Genetic Engineering, Poultry, Molecular biologist, Animal husbandry, Agriculture, Hydroponics, Sericulture, Zoological Park and Wildlife Ranges, etc.



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Najibabad Road, Near Shakti Chowk,  
Bijnor, UP