



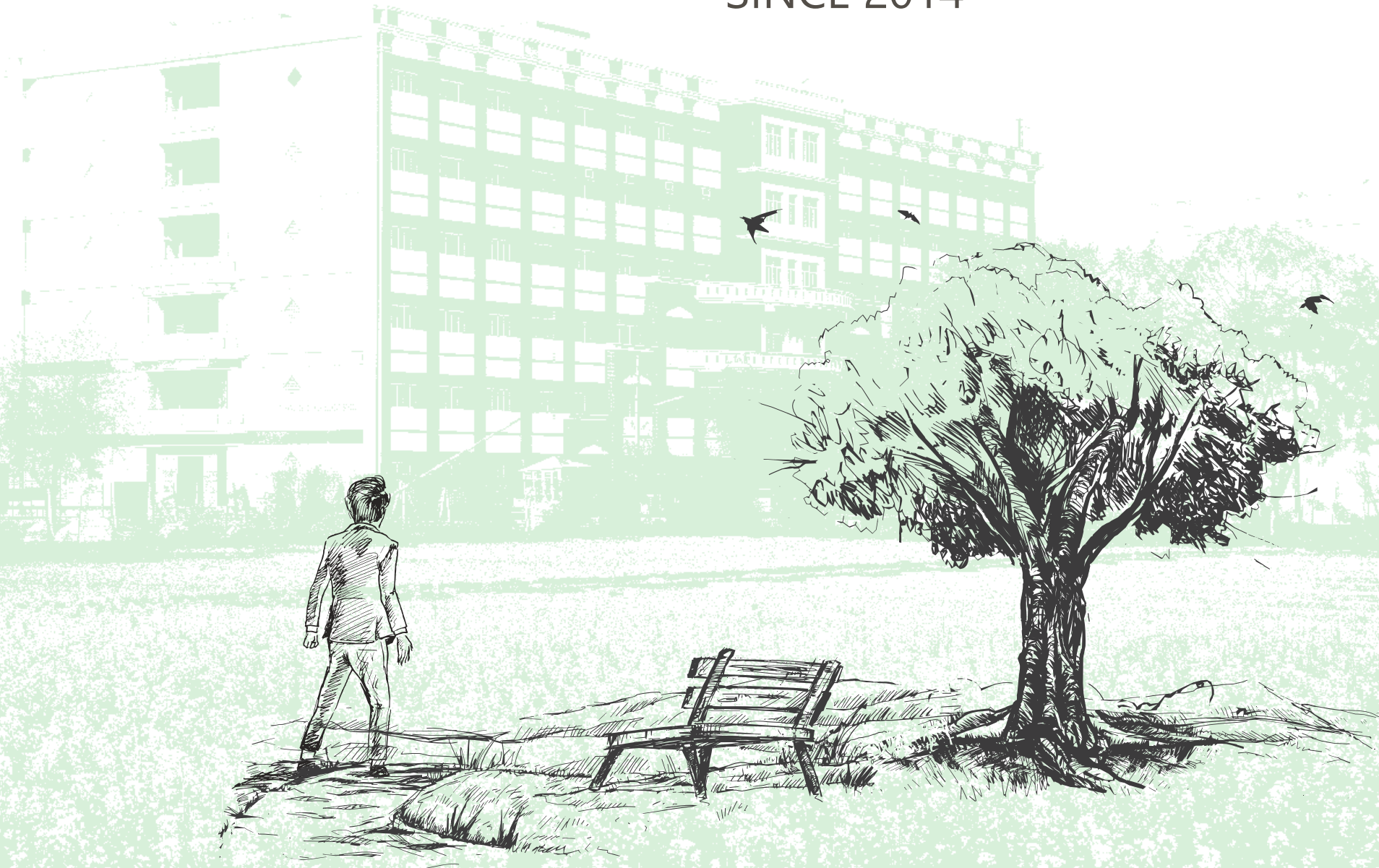
INTEGRAL UNIVERSITY
LUCKNOW - INDIA

A+ ACCREDITED
BY NAAC



IIASST सफर नामा

SINCE 2014





OUR MENTORS





Prof. S. W. Akhtar

Founder & Chancellor

Dream, diligence and dedication have ever been the kernel attributes of the pedigree which is ever engaged in the pursuit to translate its vision into reality. The dominant intellectual passion of Prof. S. W. Akhtar, scholar, administrator and a person with technical desires and inclination, has been what may well be regarded as a penchant for productive education- to teach and train the individuals and groom them for success. Born on January 20, 1955 in a middle class family, Prof. S. W. Akhtar, the recipient of U.P. Ratna Award from the hands of Hon'ble Governor of Uttar Pradesh, Shri Vishnu Kant Shastri, had a very humble beginning. He completed his Science Graduation (B.Sc.) from Jamia Millia Islamia University, New Delhi in 1975. Prof. S. W. Akhtar, a person of varied educational interests, did his B.A. and M.A. in Arabic from Lucknow University in 1977 and 1979 respectively. He also did M.Litt. in 1982 from Central institute of English and Foreign Languages, Hyderabad. He started his professional career as a Science Teacher with the world-renowned Arabic Institution, "Darul-uloom-Nadwatul-ulama" in Lucknow. In the year 1979, the Salaam Oriental College was established where he joined as Principal. In the year 1985 he received the prestigious Research Fellowship at Hamdard Educational Society, New Delhi. His laudable work in Libya gave him recognition and he started receiving calls for similar assignments from S.H.A.R.A.CO, Saudi Arabia where he served during the period 1986-87. In addition to this he also served as interpreter and custom-in-charge at CCL in Iraq. Prof. S. W. Akhtar took the responsibility of General Secretary of the society named 'Islamic Council for Productive Education', and started a school named 'Techno Academic School' in an underdeveloped locality at Kursi Road, Lucknow. Very soon his relentless efforts yielded results and this school got recognized as a High School from UP. Government. Prof. S. W. Akhtar took a decision to open an Engineering Institution. The Philosophy behind establishing such an institution was to groom engineers of tomorrow. Recognition of the relentless efforts of this man in the field of education has brought about fruition in the form of the first enacted Minority University of the country, which came into existence on 21st February 2004 through an Act no. 9 of 2004, passed in the U.P. State Assembly. UGC has also approved it under section 2(f) & 12 (b) of the UGC Act 1956 and at present it is running 12 faculties and about 90 courses. An agriculture institute named as "Integral Institute of Agricultural Science & Technology" and "Faculty of Law" has also been established in 2014 and 2016 respectively. A full-fledged Medical College named as "Integral Institute of Medical Sciences & Research" and "Directorate of Distance Education" was established in 2013. University Polytechnic at Lucknow and Shahjahanpur was established in 2010.

The journey of Prof. S W Akhtar towards INSPIRING EXCELLENCE... goes on..







Dr. Syed Nadeem Akhtar

Hon'ble Pro Chancellor

Dr. Syed Nadeem Akhtar, is a Fulbright-Nehru Fellow, and serves as the Pro-Chancellor at Integral University, Lucknow, India. Dr. Nadeem, through his office, drives and executes student acquisition, the introduction of new programs and collaborations, academic administration, software support through the Institutional ERP, quality assurance, assessments and accreditations, students support services, human resource development and maintaining University-public interface. Being a senior level functionary of Integral University, he plays an instrumental role in designing of MoUs, introduction of programs and development of curricula. Dr. Nadeem holds a Ph.D. in Mechanical Engineering from Indian Institute of Technology Kanpur. He specializes in surface micromachining of metals and polymers using nanosecond lasers. He holds the Executive General Management Certificate from IIM Bangalore. He has won the General Proficiency Medal for Best Academic Performance in his UG and PG program at IIT Kanpur. Dr. Nadeem has worked with Hindustan Unilever Limited for 3½ years, a company that he joined as a Business Leadership Trainee in 2007. He went on to become the Engineering Manager of a large soap manufacturing facility responsible for projects, maintenance, safety, health, and the environment. Dr. Akhtar serves as the President of the Lucknow Table Tennis Association and actively works towards the promotion of sports through his office.





Prof. Javed Musarrat

Hon'ble Vice-Chancellor

Prof. Javed Musarrat is currently the Vice-Chancellor of Integral University (accredited NAAC A+ and UGC-recognized State Private University under 2(f) & 12 (B) of UGC Act 1956) in Lucknow for a tenure of five (05) years. Before this assignment, he has been the Vice-Chancellor of Baba Ghulam Shah Badshah University, a State University located in Rajouri, Jammu, and Kashmir, for five years from 2015 to 2020. Prof. Musarrat did Ph.D. in Biochemistry in 1986 from Aligarh Muslim University (AMU), India, and has served at AMU for 33 years in different capacities. He has been the Full Professor of Microbiology since 2003 in the Department of Agricultural Microbiology, Faculty of Agricultural Sciences, AMU, and served as the Dean, Faculty of Agricultural Sciences for two consecutive terms, and Chairman, Department of Agricultural Microbiology, Aligarh Muslim University, Aligarh for three consecutive terms. He is a widely traveled person and has vast international exposure. He worked as Post-doctoral Fellow at the National Institute of Public Health and Environmental Protection, The Netherlands. He was Visiting Assistant Professor at The Ohio State University, Columbus, USA from 1992 to 1996. Later he worked as Visiting Scientist at Michigan State University, Michigan, USA. He has also worked as Chair Professor- DNA Research Chair at King Saud University, Riyadh from 2008 to 2012. He has been an International Professor at KSU, Riyadh, and a Distinguished Adjunct Professor at King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia. He was also Visiting Scientist at Nanjing University, China, and visited many Universities in the United States as an Invited Speaker. Professor Musarrat has served Aligarh Muslim University in different administrative capacities as the Registrar of the University, Officer on Special Duty (Development), Member-in-Charge (MIC) Dawakhana Tibbiya College, AMU (an Unani Pharma Company manufacturing ~250 Unani medicines), and also the officiating Vice-Chancellor of Aligarh Muslim University in the year 2008. Prof. Musarrat is an internationally acclaimed scientist working in the area of Molecular Microbiology and Nanotechnology with more than 200 International Publications in Web of Science and Scopus-indexed High Impact factor Journals. He has six (06) books published from Springer Publications, Netherlands/USA, and 23 Book Chapters. He also has a US Patent to his credit and more than 100 DNA sequences deposited in International Depository (NCBI-GenBank, USA). He has more than 13,000 Citations to his publications and has a very high h-index – 64; D-Index of 59 reflecting the quality of his research work. He is the recipient of several awards, such as the Elsevier Highly Cited Author Award, Best Research in the HUB Award in the area of Nanotechnology, Research Excellence Award-2011, KSA, and NIH NCA Faculty Development Award, etc. He is a member of a large number of Scientific Societies, Boards, and Committees and has attended around 100 International and National Conferences, Seminars & Symposia.





Prof. (Dr.) Mohammed Haris Siddiqui

Registrar

Prof. (Dr.) Mohammed Haris Siddiqui, Registrar, Integral University, Lucknow has made significant contributions to the field of biotechnology and has been recognized for his achievements. He was awarded with “Dr.S.A.H. Abidi Medal 2018” for the outstanding contribution in the field of “Biotechnology”, Shiksha Rattan Puraskar, “Dr.R.N.Dwivedi medal for research excellence in the field of Biotechnology-2011” and Honoured by Prof.S.W.Akhtar, Chancellor, Integral University, Lucknow for research excellence in the field of Biodiesel. He has done B.Tech. in Biotechnology from Allahabad Agricultural Institute-Deemed University, Allahabad, M.Tech. from Integral University, Lucknow and Ph.D from Integral University, Lucknow , University of Lousiana U.S.A. and Jawaharlal Nehru University, New Delhi (Under the UPCST, Govt. Of U.P., Young Scientist Visiting Fellowship at School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi.He has several publications in reputed journals.Prof. Siddiqui, in the capacity of the Founder Director of Integral Institute of Agricultural Science & Technology& Dean of the Faculty of Agricultural Science & Technology, has headed the organization during various National and International collaborative ventures which have endowed the University and our faculties with humongous knowledge and innovative interests in various areas of Agricultural Science and Technology.As Director (Admissions and Academics) at Integral University he is instrumental in uplifting the admissions in 14 faculties of study with bright students joining Integral University from various parts of the country in particular and the world as a whole. Also actively involved in the efficient managing academic affairs of the university. He served as Coordinator of Intellectual Property Rights Management Cell (IPRMC), Integral Information and Research Centre (IIRC) , Integral University, Lucknow in coordination with Council for Science and Technology, Government of Uttar Pradesh. He has been In-charge of Integral Information & Research Centre (IIRC), Integral University, Lucknow, and Project Associate Director (Adjunct), Life Science Foundation India, Karnataka.Additionally, there are various other responsibilities that Prof. Siddiqui has held and excelled at, like supervising and monitoring the creation and implementation of Course Catalogues, Curriculum Design & Structured Management, empowering University Operations through continuous upgradation of the Software Development Cell and Institutional ERP Integration to name a few.He has been selected and included in Marquis Who's Who in the World 2012 edition.

MANAGING COMMITTEE



Prof. (Dr.) Mohammed Haris Siddiqui

Director

Integral Institute of Agricultural Science & Technology (IIAST)



Dr. Syed Aqeel Ahmad

Member Secretary



Prof. Abdul Rahman Khan

Member

BLESSING & GUIDANCE FROM REVERED AGRICULTURAL STALWARTS



Padma Vibhushan Dr. M.S. Swaminathan, Father of the Green Revolution in India



Dr. Trilochan Mohapatra, The then Director General, Indian Council of Agricultural Research (ICAR), Government of India. and Secretary, Department of Agricultural Research & Education (DARE), Government of India



Prof. A.S. Ayappan, Ex-Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India



Padma Bhushan Dr. R.B. Singh, Chancellor, Central Agricultural University, Imphal, and President, NAAS



Prof. Punjab Singh, Ex-Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India

The Journey Begins

From Vision to Reality

Agriculture continues to be the prime pulse of the Indian economy and is at the core of the socio-economic development of the country. Keeping this in mind, the opening of Agricultural Universities in India on the pattern of Land Grant Colleges in U.S.A., greater emphasis was naturally placed in augmenting teaching, research, and extension activities in the field of Agriculture. There was thus felt a need by our Hon'ble Vice Chancellor (then) Prof. S. W. Akhtar to establish Integral Institute of Agricultural Science and Technology (IIAST). This Institute, beyond its educational role, aimed to address the research and extension requirements of the Uttar Pradesh region in particular.

The Integral Institute of Agricultural Science and Technology (IIAST) was formally established on 9th May 2014 to contribute its part towards Agricultural Education.



Inauguration of IIAST by Hon'ble Vice Chancellor (then) Prof. S. W. Akhtar & Mr. Naseem Ahmad (Chairperson of National Commission for Minorities, Government of India)



First Batch (2014-2018) photograph of B.Sc. (Hons.) Agriculture

Building Dreams, One Stone at a Time



Dr. Trilochan Mohapatra, The then Director General, Indian Council of Agricultural Research (ICAR), Government of India. and Secretary, Department of Agricultural Research & Education (DARE), Government of India



Inauguration of INTAG (The organic Farm Produce Shop) by Shri Surya Pratap Shahi, Hon'ble Cabinet Minister of Agriculture, Govt. of Uttar Pradesh



Inauguration of Instructional Farm (Unit-1), Green House and Poly House Facility by Prof. A.S. Ayappan, Ex-Director General, Indian Council of Agricultural Research (ICAR), Government of India. and Secretary, Department of Agricultural Research & Education (DARE), Government of India



Inauguration of NADEP, Azolla & Vermicompost Unit by Padma Bhusan Dr. Rajendra Singh Paroda, Ex-Director General, Indian Council of Agricultural Research (ICAR), Government of India. and Secretary, Department of Agricultural Research & Education (DARE), Government of India and His Excellency Mr. Ahmad Sule, High Commissioner of Nigeria to India.



Inauguration of Integral Krishi Vikas Vendra (IKVK) by Prof. Punjab Singh Ex-Director General, Indian Council of Agricultural Research (ICAR), Government of India. and Secretary, Department of Agricultural Research & Education (DARE), Government of India and Dr. Rajesh Kumar Mittal, President Indian Agricultural Universities Association (IAUA), New Delhi



Inauguration of Integrated Farming System by Prof. Nazir Ahmed Ganai, Hon'ble Vice Chancellor, Sher-e Kashmir University of Agricultural Sciences & Technology of Kashmir, Srinagar, Jammu and Kashmir, Dr. Sanjay Singh, Director General, Uttar Pradesh Council of Agricultural Research, (UPCAR), Lucknow, Shri Vivek Kumar Singh, Director, Directorate of Agriculture, Govt. of Uttar Pradesh.



Inauguration of Integral Agricultural Museum by Dr. R. C. Agarwal, Deputy Director General, Division of Agricultural Education, Indian Council of Agricultural Research (ICAR), Government of India



Inauguration of Integral Automatic Weather Station (IAWS) by Shri Dharmpal Singh, Hon'ble Cabinet Minister for Animal Husbandry, Dairy Development & Political Pension, Government of Uttar Pradesh

About IIAST

Growing Together for a Greener Future

Integral Institute of Agricultural Science and Technology (IIAST) has evolved into a comprehensive institution offering a spectrum of academic programs, including Undergraduate, Postgraduate, and Ph.D. The curriculum aligns with the guidelines set forth by the Fifth Deans Committee and the BSMA Committee, both crafted by ICAR, serving as the framework for our UG and PG courses.

The faculty and staff of IIAST family are highly qualified, skilled and motivated. They strive hard to inculcate the true Agriculture Spirit in the students. The Faculty members ensure that the learning and experience at IIAST is the best. The department has well equipped laboratories and big arable farms where students gain the hands-on experience and reinforce the classroom instructions. We have MoUs with ICAR - Agricultural Technology Application Research Institute (ATARI), Kanpur, Krishi Vigyan Kendras (KVKs), Indian chamber of food and Agriculture (ICFA), Mendel University in Brno, Czech Republic, World Food Preservation Centre LLC, Washington DC, Agriculture faculty of Paktia university, Paktia, Afghanistan, Uttar Pradesh Council Of Agricultural Science and Technology, Institute of Microbiology of the Academy of Sciences of the Republic of Uzbekistan Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow, ICAR-National Bureau Of Fish Genetic Resources and ICAR -Indian Institute of Sugarcane Research. IIAST takes pride in conducting the RAWE programs, Kisan goshtis and Research trials in collaboration with scientists and experts of the related field. Our students have excelled in examinations such as PG UPCATET and other competitive tests. Through collaboration with the CCG&D of the university, students find placements in esteemed companies and Institutes. We aim to train human resource who will become active and independent researcher, entrepreneur, educator, and progressive farmers who would contribute to the field of Agriculture and enrich it. To ensure the high quality of the educational program we will continue to promote reform and innovation.

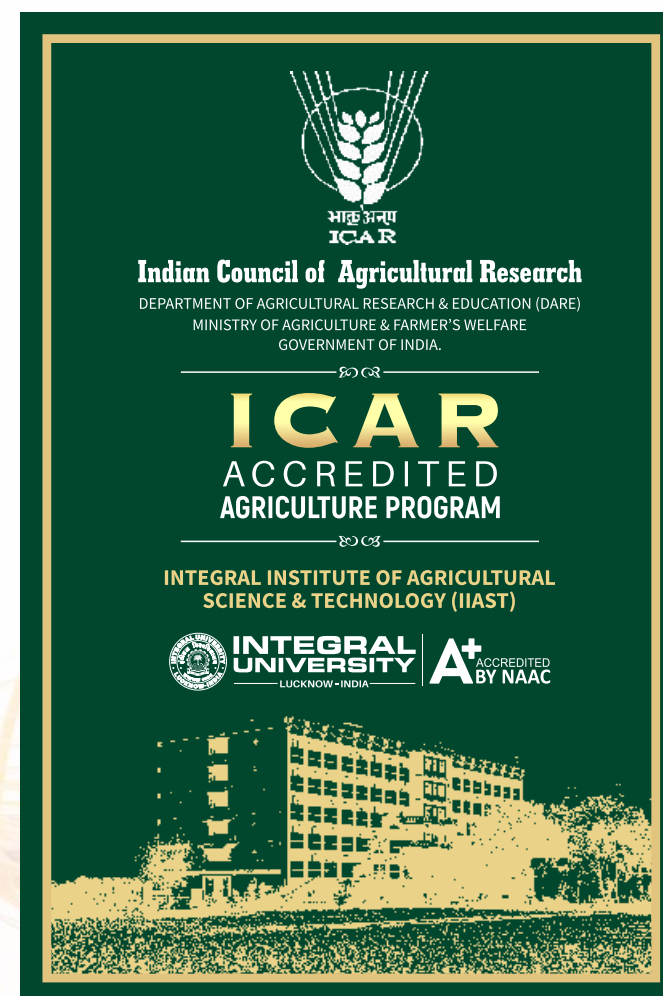


Integral Institute of Agricultural Science and Technology (IIAST)

IIAST : LEADING THE WAY WITH ICAR ACCREDITATION IN AGRICULTURAL EDUCATION

Integral Institute of Agricultural Science and Technology (IIAST) has evolved into a comprehensive institution offering a spectrum of academic programs, including Undergraduate, Postgraduate, and Ph.D. The curriculum aligns with the guidelines set forth by the Fifth Deans Committee and the BSMA Committee, both crafted by ICAR, serving as the framework for our UG and PG courses.

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IIAST Family

Mentors, Guides and Educators

“Family is the biggest support system”

We believe that the core strength of our institute resides in our faculty. The educators and laboratory personnel at IIAST are not only highly skilled but also deeply committed to research, drawing from rich experience and displaying unwavering dedication and energy in their pursuit of excellence. Our faculty members hold Ph.D. degrees in their respective fields of specialization and actively engage in impactful research endeavors.



Prof. Mohd Haris Siddiqui

Dean

Faculty of Agricultural Science & Technology



Prof. Saba Siddiqui

Head

Department of Agriculture

FACULTY DETAILS



Dr. Malik Mobeen Ahmad

Associate Professor
(Agricultural Biotechnology)
Ph.D. from Jamia Hamdard University, New Delhi



Dr. Faria Fatima

Associate Professor
(Agricultural Biotechnology)
Ph.D. from Integral University, Lucknow



Dr. Salman Ahmad

Associate Professor
Plant Protection (Entomology)
Ph.D. from Aligarh Muslim University, Aligarh



Dr. Deepti Srivastava

Associate Professor
(Agricultural Biotechnology)
Ph.D. from ANDUAT, Ayodhya



Dr. Sunil Kumar

Associate Professor
(Agriculture Extension
& Communication)
Ph.D. from SVPUAT, Meerut



Dr. Mustfa Hussain

Associate Professor
(Agribusiness Management)
Ph.D. from GBPUAT, Pantnagar



Dr. Khalid Habib

Associate Professor
(Soil Chemistry)
Ph.D. from Jamia Millia Islamia, New Delhi



Dr. Ambreesh Singh Yadav

Associate Professor
(Agronomy)
Ph.D. from ANDUAT, Ayodhya



Dr. Nadeem Khan

Assistant Professor
(Agronomy)
Ph.D. Pursuing Integral University, Lucknow



Er. Asfaq

Assistant Professor
(Process & Food Engineering)
Ph.D. Pursuing Integral University, Lucknow



Dr. Uday Veer Singh

Assistant Professor
(Farm Machinery
& Power Engineering)
Ph.D. Pursuing SHUATS, Prayagraj



Dr. Usman Sayeed

Assistant Professor
(Bioinformatics
& Agri-informatics)
Ph.D. from Integral University, Lucknow



Dr. Satish Yadav
Assistant Professor
Horticulture (Vegetable Science)
Ph.D. from ANDUAT, Ayodhya



Dr. Ayush Bhushan
Assistant Professor
(Agroforestry)
Ph.D. from SHUATS, Prayagraj



Dr. Prem Narayan Verma
Assistant Professor
(Genetics & Plant Breeding)
Ph.D. from CSAUAT, Kanpur



Dr. P. Smriti Rao
Assistant Professor
(Soil Chemistry)
Ph.D. from SHUATS, Prayagraj



Dr. Rahil Akhtar Usmani
Assistant Professor
(Agricultural Economics &
Business Management)
Ph.D. from Aligarh Muslim University, Aligarh



Dr. Pankaj Kumar Gupta
Assistant Professor
Animal Husbandry & Dairying
(Dairy Technology)
Ph.D. from Banaras Hindu University, Varanasi



Dr. Suhail Ahmad Khan
Assistant Professor
(Agribusiness Management)
Ph.D. from Aligarh Muslim University, Aligarh



Dr. Srishti Thakur
Assistant Professor
(Agribusiness Management)
Ph.D. from SHUATS, Prayagraj



Dr. Abhineet
Assistant Professor
(Agronomy)
Ph.D. from ANDUAT, Ayodhya



Dr. Sanket Kumar
Assistant Professor
Horticulture (Vegetable Science)
Ph.D. from BCKV, West Bengal



Dr. Muzeev Ahmad
Assistant Professor
(Horticulture)
Ph.D. from SVPUAT, Meerut



Dr. Ruqaiya Bano
Assistant Professor
(Agricultural Economics &
Business Management)
Ph.D. from Aligarh Muslim University, Aligarh

FACULTY DETAILS



Dr. Nitish Kumar
Assistant Professor
(Agrometeorology)
Ph.D. from ANDUAT, Ayodhya



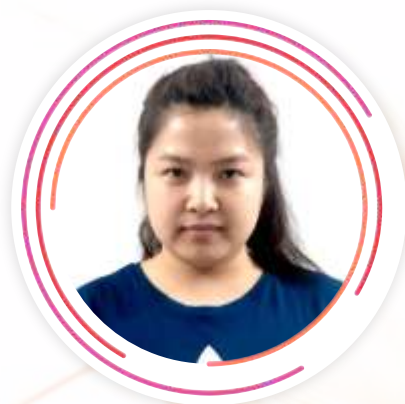
Dr. Pallavi Srivastava
Assistant Professor
(Plant Physiology)
Ph.D. from Banaras Hindu University, Varanasi



Dr. Zeeshan Ahmad Khan
Assistant Professor
(Animal Genetics & Breeding)
M.V.Sc. from OUAT, Bhubaneswar



Dr. Abdul Mazed
Assistant Professor
(Agronomy)
Ph.D. from CSIR-CIMAP, Lucknow



Dr. Munny Chinyo
Assistant Professor
(Agronomy)
Ph.D. from GBPUAT, Pantnagar



Dr. Sampurna Nand Singh
Assistant Professor
Horticulture (Fruit Science)
Ph.D. from GBPUAT, Pantnagar



Dr. Akshay Kumar
Assistant Professor
(Genetics and Plant Breeding)
Ph.D. from SKUAST, Kashmir



Dr. Devi Darshan
Assistant Professor
Horticulture (Fruit Science)
Ph.D. from PAU, Ludhiana



Dr. Riya Mehrotra
Assistant Professor
(Life Sciences)
Ph.D. from CSIR-CIMAP, Lucknow



Dr. Aman Verma
Assistant Professor
(Agricultural Extension)
Ph.D. from ANDUAT, Ayodhya



Dr. Hritik Srivastava
Assistant Professor
(Agronomy)
Ph.D. from SKUAST, Kashmir

VISITING PROFESSORS



Dr. Ashwini Dutt Pathak
Former Director,
ICAR-Indian Institute of Sugarcane
Research, Lucknow, U.P.
(Genetics and Plant Breeding)



Dr. Indra Nath Mukherjee
Former DDG,
Uttar Pradesh Council of
Agricultural Research, Lucknow, U.P.
(Entomology)



Dr. Pradeep Kumar Singh
Former Registrar,
ANDUAT, Kumarganj, Ayodhya, U.P.
(Genetics and Plant Breeding)



Dr. Abdul Samad
Former Director,
CSIR-Central Institute of Medicinal
& Aromatic Plants, Lucknow, U.P.
(Plant Pathology)



Dr. Neelima Garg
Former Acting Director,
ICAR-Central Institute for
Subtropical Horticulture,
Lucknow, U.P.
(Post Harvest Technology)



Dr. Sushil Solomon
Former Vice Chancellor
Chandra Shekhar Azad University
of Agriculture & Technology,
Kanpur, U.P.
(Agronomy)



Dr. Shamim Akhtar Ansari
Former Director
ICFRE-Institute of Forest
Productivity, Ranchi, Jharkhand
(Agroforestry)



Dr. Ramji Lal
Former Head Division of Crop Protection,
ICAR- Indian Institute of
Sugarcane Research, Lucknow
(Environmental Science)



Prof. Ram Asray Singh
Former Director Extension
Acharya Narendra Deva University
of Agriculture & Technology,
Kumarganj, Ayodhya, U.P.
(Agronomy)



Mr. Talevar Singh Rahi
Former Senior Principal Scientist,
CSIR- National Botanical Research
Institute, Lucknow, U.P.
(Soil Science)



Shri Gyan Singh
Former Secretary,
Uttar Pradesh Council of
Agricultural Research,
Lucknow, U.P.
(Agricultural Economics)



Dr. Dhananjai Singh
Former Professor,
Chandra Shekhar Azad University
of Agriculture & Technology,
Kanpur, U.P.
(Agronomy)

VISITING PROFESSORS



Dr. Shailendra Ranjan
Former Director,
ICAR-Central Institute for Subtropical
Horticulture, Lucknow, U.P.
(Horticulture)



Dr. Ramesh Chandra Srivastava
Former Vice Chancellor,
Dr. Rajendra Prasad Central
Agricultural University, Pusa Bihar
(Agricultural Engineering)



Prof. Ram Kathin Singh
Former Director Research
ANDUA&T, Kumarganj, Ayodhya
(Botany)



Dr. Masood Ali
Former Director
ICAR- Indian Institute of
Pulses Research, Kanpur.
(Agromony)



Prof Vijai Kumar Gupta
Deputy Chair of Bioprocess
Engineering, School of Biotechnology,
Dublin City University, Ireland
(Microbiology)



Prof N C Gautam
Former Vice-Chancellor,
MGCGV, Chitrakoot, Satna, MP
(Genetics & Plant Breeding)



Dr. Gulshan Wadhwa
Former Adviser & Scientist G
Department of Biotechnology,
Ministry of Science & Technology,
New Delhi
(Bioleaching and Bioprocessing)



Prof. Mukund Sharma
Former Scientist 'G',
Birbal Sahni Institute of
Paleobiology, Lucknow
(Agricultural Engineering)

ADJUNCT PROFESSOR



Dr. Julius Romiluyi Orimoloye
Eminent Professor
University of Ibadan, Nigeria
(Soil Science)

SUPPORTING STAFF DETAILS : EQUIPPING STUDENTS WITH US



Mr. Mohammad Said
Sr. Lab Instructor
M.Sc. (Ag.) Plant Pathology



Dr. Ahmad Shahnewaz
Sr. Lab Instructor
Plant Protection



Dr. Sandeep Kumar Singh
Sr. Lab Instructor
M.Sc. (Ag.) Genetics &
Plant Breeding



Dr. Mohd. Rameez
Lab Instructor
M.Sc. (Ag.) Plant Pathology



Mr. Mohd. Mued
Lab Instructor
M.Sc. (Ag.) Agronomy



Dr. Mohasin
Lab Instructor
M.Sc. (Ag.) Chemistry
& Soil Science



Dr. Rizwan Ali
Lab Instructor
M.Sc. (Ag.) Horticulture



Mr. Sharad Kumar
Lab Instructor
B.Tech. (Agricultural Engineering)



Mr. Dheer Pratap
Lab Instructor
M.Sc. (Ag.) Agronomy



Mr. Mahtab Ahmad
Sr. Lab Instructor
M.Tech. (Environmental Science)



Mr. Saiyad Faisal Kirmani
Lab Instructor
M.Sc. (Ag.) Extension



Mis. Rizwana Khan
Lab Instructor
M.Sc. (Ag.) Horticulture

SUPPORTING STAFF DETAILS : EQUIPPING STUDENTS WITH US



Mr. Sooraj Avasthi
Lab Instructor
M.Sc. (Ag.) Extension



Mr. Mohd Masi Ullah
Lab Instructor
MBA (Marketing)



Mr. Mohammad Talha
Assistant Librarian
MLISc



Mr. Rajendra Kumar Maurya
Jr. Programmer
MCA

OUR HELPING HANDS : ACKNOWLEDGING THE INVISIBLE SERVICE



From Left To Right: Husn Bano, Asiya, Asma, Saira, Salman, Kuldeep, Salman, Danish, Shubham, Shanti and Ramavati

AGRICULTURAL FARM STAFF DETAILS : EQUIPPING STUDENTS WITH US



Mr. Abhijeet Srivastava
Farm Manager
M.Sc. (Ag.) Horticulture



Mr. Arvind Kumar Singh
Field Instructor
M.Sc. (Ag.) Horticulture
(Vegetable Science)



Mr. Kushal Vaishya
Field Instructor
M.Sc. (Ag.) Agronomy



Mr. Aradhya Awasthi
Field Instructor
M.Sc. (Ag.) Agronomy



Mr. Farhan Siddiqui
Field Instructor
M.Sc. Bioinformatics



Mr. Rabiul Malik
INTAG Shopkeeper



Mr. Afgan Khan
INTAG Shopkeeper

OUR HELPING HAND IN FARMS : ACKNOWLEDGING THE INVISIBLE SERVICE



From Left To Right (On Farm): Sushila, Rajkumar, LavKush, Abhishek, Akhilesh, Riyaz, Sunil, Atiq, Sahajram, Dinesh, Guddu and Dubar

IIAST INSTRUCTIONAL FARMS : TRIP TO FARM IS GOOD FOR SOUL

Agriculture farm bare much more than a place where crops are grown, and animals are raised. It's a place where hard work, innovation and nature comes together to creates something truly special.

IIAST Instructional Farm Unit 1

IIAST Instructional Farm Unit 1 is a demonstration unit. The total land area of Unit 1 is about 4947 m².

The farm exhibits nutritional garden for seasonal vegetables. In the heart of the farm is a beautiful herbal garden focussed on growing varieties of herbs and plants which are used for therapeutic and healing properties. One can also find a wide variety of fruits ranging from familiar favourites like Guava, Banana, Mulberry, Bael, Grapefruit to exotic ones like Dragon Fruit. Which altogether contributes to the rich diversity of flavours and nutrients, enhances the beauty of the farm with their exotic varieties. Facilities like Mist chamber & Net house present in the farm helps in boosting the research facility of the institute.







IIAST Instructional Farm Unit 2

Instructional Farm Unit 2 serves as the practical training ground for the agriculture students. This farm is used for crop production, research, and experimentation. Overall, it plays a crucial role in advancing Agricultural knowledge practices and training the next generation of Agricultural professionals.

The total land area of Unit 2 is about 3936 m². A wide area of this farm is dedicated to strawberry during the season (January). During the blooming period of mustard, the farm gives an aesthetic look which is mesmerizing.



IIAST Instructional Farm Unit 3

Instructional Farm Unit 3 offers a range of opportunities for postgraduate and doctoral students to gain hands-on experience in Agricultural research. The total land area is about 17207 m². The farm is fully dedicated to research and seed production of vegetable and field crops.

One can experience the exotic collection of flowers in the floriculture section of the farm. Mother plant of important fruits like Guava, Banana, Aonla, Bael, Jamun, Mango, Jackfruit and Litchi are also planted in this farm. Various specimens of spices and condiments adds flavours to this farm. Overall, it plays a crucial role in advancing Agricultural knowledge practices and training the next generation of Agricultural professionals.



IIAST Instructional Farm Unit 4

Instructional Farm Unit 4 serves as a research and seed production facility for field crops. The farm is primarily used for undergraduate students for Practical Crop Production in the Rabi & Kharif season course. The farm provides students with hands-on experience on preparation of soil, sowing, adding manures and fertilizers, irrigation, weeding, harvesting, insect pest management and storage. The total land area is about 6383 m². We firmly believe in sustainable farming approach which focuses on building soil health and biodiversity, reducing tillage, and using cover crops and crop rotations to improve soil fertility and reduce erosion.



IIAST Instructional Farm Unit 5

Nestled in the heart of Integral University lies another picturesque Agricultural farm that exudes varieties of crops that are well-suited to the local climate and growing conditions. The total land area is about 9603 m². The sprawling fields of wheat and rice are eye catching during the peak of season. This farm is much more than a pretty picture as it is dedicated to research trials, teaching individuals about the modern research practices. Mushroom unit present in the farm is a fascinating example of innovative techniques used in modern farming. Varieties like Button Mushroom and Oyster Mushroom are grown in this unit. Inside the unit carefully, tended rows of Mushroom bags exhibits skill of our students and workers. The Mushroom unit is an impressive example of sustainable Agriculture with the Mushroom grown using organic products and waste materials recycled back into the soil to promote healthy growth.





IIAST Instructional Farm Unit 6

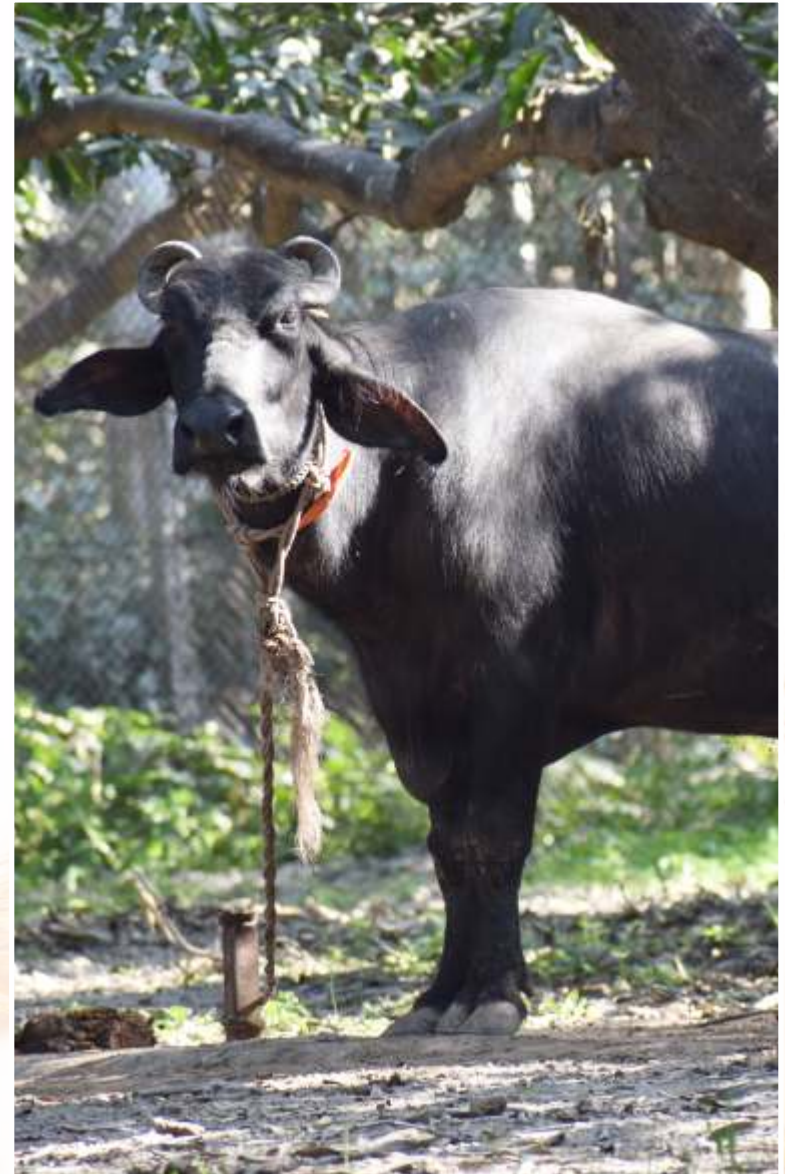
Instructional Farm Unit 6 encompasses seasonal crops, research trials, crop cafeteria, Automatic Weather Station (AWS), Vermicomposting, NADEP & Azolla units. The total area of the farm is about 11400 m². Crop cafeteria showcases the potential of various crop varieties and growing techniques. It provides hands on learning opportunities to students and other stakeholders while promoting sustainable and profitable Agriculture and improving Food security. The Automatic Weather Station (AWS) installed in this farm, monitors and record atmospheric conditions *viz.* temperature, humidity, wind speed and direction, rainfall, and solar radiation. Embracing the principles of sustainable agriculture, we've established Vermicomposting, NADEP, and Azolla units. These initiatives are geared towards fostering organic methods to enhance agricultural production.



Integral Krishi Vikas Kendra (IKVK) (Instructional Farm Unit 7)

The instructional farm unit 7, situated within the premises of Integral Krishi Vikas Kendra (IKVK), serves as a dedicated area for practical and hands-on Agricultural learning. The orchard boasts of more than 850 mango trees of different varieties. It was started as Research station on October 2020, under the aegis of the Integral Institute of Agricultural Science & Technology (IIAST), Integral University Lucknow for conducting research in Agricultural science. The total area of the farm is 100600m². Integrated Farming System (IFS) one-acre model initiated in this IKVK is very fascinating, it was designed to maximize the use of resources and minimize waste by combining different types of agriculture and livestock production. At IKVK various awareness programs like kisan goshtis & kisan pathsalas are regularly organized on several emerging issues for the farmers of the adjoining villages and to help them to incorporate the current scientific advances and technology tools in their day to days operations.





Glimpses of IKVK

IIAST Instructional Farm Unit 8

At the enchanting Instructional Farm Unit 8, nestled within the Department of Agriculture at IIAST, a captivating journey into the realm of seed production unfolds. Here, the magic of agriculture is on full display as they embark on a remarkable venture, nurturing the very essence of our future harvests. With the expertise and resources at their disposal, they acquire foundation seeds from the esteemed National Seed Corporation Ltd., carefully cultivating them in their lush fields. The spotlight falls on exquisite crops like Moong Beans and Peas, which flourish under their tender care. These vibrant, green treasures are nurtured from the ground up, as students and experts work harmoniously to bring forth the finest seeds with an unwavering commitment to quality.



Agriculture Unveils its Magic, Nurturing the Essence of Future Harvests!

IIAST Instructional Farm Unit 9

Instructional Farm Unit 9 is a dynamic hub where students pursuing a Bachelor of Science in Agriculture gain hands-on experience in the fascinating world of Practical Crop Production (PCP). This instructional farm unit is like green classroom, serving as immersive learning spaces within agricultural educational institutions. In this bucolic setting, agriculture students are empowered with practical skills that complement their classroom knowledge. It serves as an indispensable link between theory and reality, nurturing the next generation of agricultural enthusiasts.



Practical Crop Production Comes to Life, Bridging Theory and Reality for Future Agricultural Leaders!

IIAST AMENITIES: A PLACE OF ENDLESS POSSIBILITIES & OPPORTUNITIES

Mist Chamber

The specialised facility of Mist Chamber offers unique opportunity in research. It is used as a teaching tool that provide students with learning experience in plant propagation and growth. Mist chamber provides controlled environment like humidity, temperature, and light intensity for creating optimal plant growth. In Mist Chamber, Relative humidity is maintained at high level (95 %) with the help of mister's, which sprays water under high pressure. Size of mist partials lies between 50 to 100 μ m. High relative humidity facilitate better root initiation and cooling effect prevents the cutting from drying out. Mist chamber can be used to propagate a wide variety of plants from ornamentals to vegetables and fruit trees. Our students conduct experiment to test the effect of different rooting media, rooting hormones, temperature, and humidity on the plant growth. This allows our students to develop a deeper understanding of the science behind it.





Net House

Net House provides a cost effective and sustainable method to improve Agriculture productivity. The cultivation of cut flowers, exotic vegetables and offseason vegetables are carried out under these protected structures by the students and researchers. Favourable environmental conditions are supplied for growth and development of plants. It is rather used to protect the plants from the adverse climatic conditions such as wind, cold, precipitation, excessive radiation, extreme temperature, insects and diseases. It creates an appropriate microclimate conducive to the plant growth. Wide varieties of Indeterminate tomato, Exotic Mint, Sweet Pepper, Offseason Varieties of Cucumber and Seedlings of Dragon fruit are cultivated by our students inside the Net House.



Vermicompost Unit

As we continue to face environmental challenges it is becoming increasingly important to find green solution for Agricultural practices and one such solution is Vermicompost . IIAST has strived for progressive Agriculture by establishing Vermicompost unit in its farm. Our Vermicompost unit is at Farm Unit 6 and is regulated and maintained by group of students and staff. In the Vermicomposting process, earthworms play an important role in converting biodegradable organic matter into high quality manure. Earthworm gut microorganisms produce exoenzymes that help to degrade organic matter into forms of nutrients that are available for plant growth. Vermicomposting turns the waste and other green waste into dark, nutrient-rich soil. Due to the presence of microorganisms, it maintains healthy soil. Students learn about the importance of reducing waste, recycling, chemistry of composting, biology of worms and physics of soil. The practice has a significant impact on reducing the environmental footprint of Agriculture while promoting sustainable and regenerative practices. The compost produced by our Vermicomopost unit is a valuable resource that can be used to improve soil health and reduce the impact of synthetic fertilizers and pesticides.



NADEP Compost Unit

At our university we are proud to be at the forefront of organic Agriculture practices. Our institute has a potent unit viz. NADEP (Narayan Deotao Pandharipande) Compost which is a miracle compost used by our students and researchers to enhance the fertility of soil and boost agricultural production in sustainable, economical & organic manner. The NADEP method of making compost is unique because it can produce large quantities of compost within a short period of time with minimal human effort. This is achieved through a combination of techniques, such as layering of organic materials, use of cow urine, dung and proper aeration. The result is a nutrient-rich fertilizer that can be used to improve soil fertility and crop yields. Compost making is an efficient way of converting all kinds of biomass into high value fertilizer that serves as a good alternative to farmyard manure, especially for crop-growing households without livestock.



Azolla Unit

Establishing an Azolla unit in the university has also provided an excellent opportunity for research and teaching to our students. Azolla (*Azolla* sp.) is an aquatic fern consisting of a short, branched, floating stem, bearing roots which hang down in the water. Azolla plants are triangular or polygonal in shape, and float on the surface of the water, individually or in mats. The most remarkable characteristic of Azolla is its symbiotic relationship with the nitrogen fixing blue-green alga (cyanobacterium) *Anabaena azollae*. The fern provides nutrients and a protective cavity in each leaf to *Anabaena* colonies in exchange for fixed atmospheric nitrogen and possibly other growth-promoting substances. The nitrogen fixing ability of Azolla also makes it an ideal supplement for crops which helps in improving soil health and increasing agricultural productivity. In addition to use as a natural fertilizer it is also used as a feed for animals as it is rich in protein, vitamins and minerals.



Mushroom Unit

Mushrooms have been a popular food item for centuries and its consumption is increasing rapidly worldwide. The demand for Mushroom is expected to continue to grow due to their health benefit and unique taste. Mushroom cultivation is indeed becoming a popular alternative source of income for many people in India. At our unit we have Button and Oyster Mushrooms which are incredibly beautiful in their own unique way. Both these Mushrooms are highly valued for their nutritional and culinary properties. In this unit, students undergo training in a comprehensive module on mushroom cultivation as part of Experiential Learning Programme (ELP). This hands-on approach equips them with practical insights and skills in the field of mushroom cultivation. Farmers from adjoining villages also receive hands on training essential for mushroom cultivation, empowering them with entrepreneurial skills. Our faculty & students are actively engaged in research on Mushrooms with a focus of understanding on nutritional & medicinal properties as well as the cultivation practices.



Biogas Plant

Biogas plants are a vital component of sustainable energy system. These plants are designed to convert organic waste material into renewable energy providing reliable source of clean energy. IIAST has installed a biogas plant as a step towards zero waste policy which is designed to process organic waste materials from university dining halls and other facilities. In addition, it also provides a valuable education policy for our students where they learn about the process of anaerobic digestion and the importance of renewable energy. It is a testament to our commitment to promoting sustainable energy and reduce carbon footprint.



INTEGRAL UNIVERSITY
इंटीग्रल विश्वविद्यालय
INTEGRAL INSTITUTE OF AGRICULTURAL SCIENCE & TECHNOLOGY (IIAST)
(Date of Birth: 20th September 2008 and 20th February 2010) (Reg. No. 10/2008)

BIOGAS PLANT	
1. Process	Anaerobic Digester
2. Reactor	Vertical Reactor Portable mode
3. Reactor Type	Double Partitioned
4. Design	Water Sealed Jacketed Column
5. Extraction System	Flooding Type Automatic with respect to Fresh Feed
6. Capacity	20 Cubic meter
7. Treatment Capacity Per Day	200 Kg Food waste Per Day
8. Gas Production	8 - 11 kg of Raw Biogas
9. Structure	Digester Above Ground or Partly Below Ground
10. Mixer Movements	Horizontal Type
11. Feed	Biodegradable Waste



Herbal Garden (Supported by CSIR-CIMAP Lucknow)

IIAST Herbal Garden is a serene and lush oasis dedicated to the study and cultivation of medicinal plants. The aromatic herbs and colourful flowers are carefully tended by our expert team. We have carefully curated a collection of over 50 different species each with their own unique properties and benefits. Our herbal garden has plants of Aloe vera, Tulsi, Sarpagandha, Mint, Asparagus, Rose, Stevia and many more. Farmers are invited to visit the garden so that they are encouraged to grow medicinal and herbal plants which are becoming extensively remunerative and beneficial to the society. One minute of walk in this garden is real elixir of life for all ages.



Integrated Farming System (IFS)

Components at IKVK under Integrated Farming System (IFS) one-acre model

S. No.	Components	Area
1.	Crop production	0.63 acre
2.	Fruits + Vegetables + Flower production	0.20 acre
3.	Pond	0.10 acre
4.	Farm structures	0.07 acre

Integrated Farming System (IFS) one-acre model under Integral Krishi Vikas Kendra (IKVK) is very fascinating. It was designed to maximize the use of resources and minimize waste by combining different types of Agriculture and Livestock production. The system is designed to work in symbiotic relationship with each component supporting and benefitting from the other. Apart from crop and vegetable cultivation IFS holds components like fishpond which provides a source of protein and can be used to fertilize crops, while dairy and poultry provide milk, eggs, and meat. Goat farming is also a good source of meat and milk. IFS at Kursi farm is serving as a model in the vicinity to enhance the income opportunity for the small & marginal farmers.



Hydroponics

Solar based Mobile Hydroponics system is one of the assets of IIAST. This innovative approach is a boon where plants are grown without soil. The system was designed by our students and faculty members and is an ideal solution for areas where space is limited. We have grown a variety of nutritious plants which include crisp lettuce, Juicy tomatoes, fragrant basil, refreshing mint and vibrant flowers.



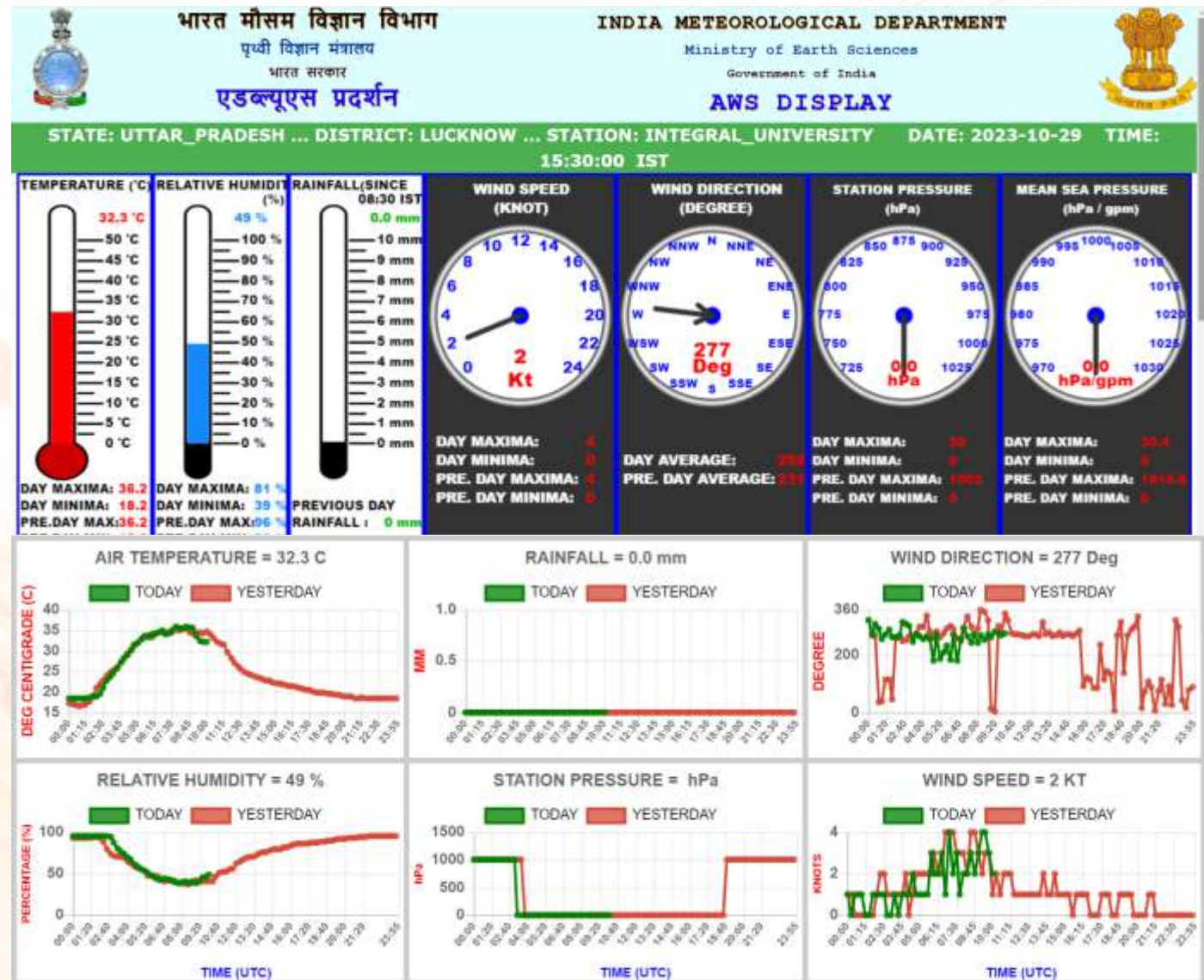
Crop Cafeteria

Located at Instructional farm Unit 6 of IIAST, the Crop Cafeteria serves as a dynamic showcase, highlighting the diverse potential of various crop varieties and innovative growing techniques. This unique facility not only offers hands-on learning experiences for students but also extends its impact on farmers in the vicinity. The primary focus is on promoting sustainable and profitable agricultural practices, contributing to the overall improvement of food security. By providing a platform for experimentation and observation, the Crop Cafeteria becomes a pivotal space that nurtures a deeper understanding of agriculture and cultivates a commitment to environmentally conscious and economically viable farming methods



Automatic Weather Station

IIAST owns a state of art facility of Automatic Weather Station (AWS) dedicated to collecting and analysing weather data from our local area. AWS is equipped with a range of sensors that measures variety of weather variable including temperature, humidity, wind speed and direction, rainfall and solar radiation in real-time. This information is used by students and researchers to optimize irrigation scheduling, predict crop growth, manage pests and diseases and harvesting on the Agricultural fields. Farmers can also access the AWS data from their fields remotely through India Meteorological Department website.



INTAG Shop

Shri Surya Pratap Shahi, Cabinet Minister, Agriculture, Govt. of UP inaugurated INTAG, a shop of healthy produce of IIAST Farms on Farmers Day, 2018. It is an outlet for selling the products, produced on the Instructional Farm Units of Department of Agriculture, IIAST. Integral salutes farmers, the magicians who produce food and income from sheer mud, so INTAG is department's efforts to harvest products which are chemical free and have maintained the strictest quality of standard while educating and intriguing the students towards farming. Various agricultural products grown in farms of IIAST like Wheat flour, rice flour, amla candy, arhar dal, urad dal, honey, bel candy, jaggery, bajra flour, oats flour, ragi flour, rawa, dalia, seasonal fruits, seasonal vegetables, mushroom etc. are sold in this outlet at reasonable rate. The shop imparts essential Agribusiness skills to students fostering and equipping with practical knowledge of sales, local market, strategies, record keeping, inventory management, packaging practices etc..INTAG shop offers experience of unique challenges and opportunities and enriching experience of handling them.





Integral Agricultural Museum (IAM)

The Agriculture Museum within the institute serves as a dedicated space for the preservation of Agricultural heritage and the exhibition of diverse facets within the field of Agriculture. The museum houses an extensive collection that includes seeds, soil samples, institutional products, artifacts, and tools related to agriculture sourced from various research institutes, Krishi Vigyan Kendras (KVKs), and Agricultural universities. This curated collection of artifacts provides a visual narrative that traces the evolution of farming practices, technologies, and the broader significance of Agriculture over time. It functions as a repository of knowledge, offering visitors a comprehensive understanding of the rich history and advancements in agriculture. The Agriculture Museum thus stands as a valuable resource in promoting awareness and appreciation for the agricultural journey.





Spices and Condiments



Common Disease Causing Agents and Management Practices



Soil Profile and Soils of India



Agricultural Technology and Precision Farming



Different Cow Horn Models



Indigenous and Exotic Fish Species

Integral Nursery : From Root to Radiance

The Department of Agriculture at IIAST takes pride in its vibrant Integral Nursery, a flourishing hub of greenery and beauty. The nursery boasts exquisite ornamental plants, including graceful and vibrant Bougainvillea, lush Kochia, Croton, and Durenta, offering a serene visual delight. Adding a burst of colors, the nursery nurtures a diverse range of flowering plants such as Dahlias, Roses, Hibiscus, Marigolds, and a variety of all-season annuals, all carefully cultivated. The nursery also focuses on collecting different varieties of Papaya and Dragon Fruit. This green haven not only enhances the campus's aesthetic appeal but also serves as a practical learning platform for students, blending nature's elegance with hands-on agricultural education while fulfilling the need for aesthetic and flowering plants in the community.



LAB FACILITIES: UNLOCKING THE MYSTERIES OF AGRICULTURE

Theory complimented with practical experiments and inference forms the basis of life-long learning. IIAST offers well-equipped Labs with the latest technologies to ensure that the students keep abreast with the fast-changing world. Students use the lab resources to learn different kinds of skills to enhance their knowledge and it also provides platform to work on functional prototypes and pursue innovation. Our facilities are staffed by expert researchers, technicians and educators who are dedicated to advancing the science of Agriculture and training the next generation of Agricultural professionals. Students also get an opportunity to apply their innovative ideas and enjoy the unexplored vistas of Agricultural Science. The Labs of IIAST also includes Models, Charts, Survey equipment, and other teaching aids to enhance the learning experience of students and impart them with experience beyond the books. These facilities and instruments provide researchers with the tools they need to conduct sophisticated experiments and gain a deeper understanding of the subject. The fundamental focus of our labs is to explore the inter-disciplinary nature of Agriculture and allied sciences and relate it to real life situations.

SNEAK PEEK TO SOME OF OUR LABS

Agronomy Lab

The Agronomy Lab is equipped with various instruments and tools that aid in conducting research on the soil-plant system and environmental factors that impact crop production. The lab is designed to cater the needs of students and researchers in the field of agronomy, allowing them to study the physical and chemical properties of soil, as well as to develop innovative solutions for enhancing crop production and sustainability.



Horticulture Lab

The Horticulture Lab traverses the worth chain of leafy foods creation, from seed frameworks to postharvest practices. The various activities which are carried out in this lab includes identification of vegetable seeds, different fruit and vegetable varieties, as well as flowers. Additionally, it focuses on identifying spices and medicinal herbs, practicing budding and grafting techniques, recognizing garden tools, and preparing value-added fruit and vegetable products.

Genetics & Plant Breeding Lab

The Genetics & Plant Breeding lab is the focal point for teaching the practical aspects of Genetics, Cytology, Plant Breeding and Seed technology to students. Some of the research work conducted in lab includes Biochemical analysis, screening of genotypes and studies on varieties which thrive on different environment conditions. The lab is well spaced for carrying out the laboratory observations and experiments during practical classes and research work.

Soil Science Lab

The Soil Science Lab is equipped to study the physical, chemical, and biological properties of soil. We work on analysis of soil samples, measuring soil nutrients and study soil microorganisms. The data generated here helps to optimize crop production and to develop more sustainable practices.





Entomology Lab

The entomology lab provides opportunities to identify various morphological and anatomical features of Insects. In the lab, students' study about the anatomy, body parts, mouthparts and feeding nature of different harmful and beneficial insects. The students collect insects from farm fields to study their life cycle, different insects are analysed microscopically to understand their anatomy. The lab contains a well-maintained insect box having collection of different harmful and beneficial insects. The lab also highlights the importance of insects in ecosystem dynamics and public health.



Plant Pathology Lab

Plant Pathology lab provides facilities to isolate, identify and study microorganisms that play a crucial role in plant growth, soil fertility, and crop production. The lab is also used to develop new and innovative solutions to improve crop yields, reduce plant diseases, and enhance soil health.

Biochemistry and Crop Physiology Lab

Biochemistry and Crop Physiology Lab designed to facilitate research and teaching in the field of plant biology. Lab is equipped with various instruments and equipment that aid in the study of plant physiology, genetics, and molecular biology. The lab provides students a controlled environment for conducting experiments, analysing plant samples, investigate plant growth, development, and responses to environmental stimuli.



Animal Sciences Lab

Animal Husbandry Laboratory is a premier facility for students dedicated to the science and art of livestock care. With state-of-the-art amenities, it serves as a hub for learning, exploration, and compassion. Students develop expertise in animal nutrition, breeding, and healthcare, gaining practical skills in disease identification and farm animal management. This laboratory is the cornerstone for nurturing future veterinarians and livestock experts, emphasizing the delicate balance between artful care and scientific precision in ensuring the health and productivity of our cherished four-legged companions.

Agriculture Extension & Communication Lab

Agricultural Extension Laboratory provides a dynamic space for practical learning and skill development for students. With advanced resources, it facilitates hands-on exploration of extension methodologies, communication strategies, and community engagement. Students gain practical insights into bridging the gap between research and farmers, honing their abilities in disseminating agricultural knowledge. This laboratory is the nurturing ground for future agricultural extension professionals, emphasizing effective communication and community empowerment for sustainable agricultural practices.

Agricultural Economics Lab

Agricultural Economics Laboratory stands as a cornerstone for students delving into the intricate realm of economics. Equipped with cutting-edge resources, it serves as a hub for experiential learning and analysis. Here, students explore economic principles applied to Agriculture, gaining insights into market dynamics, policy impacts, and sustainable practices. The laboratory is a crucible for cultivating future agricultural economists, where theoretical knowledge converges with practical application, fostering a deep understanding of the economic intricacies that shape the agricultural landscape.



Poultry And Dairy Lab

The Department of Agriculture, IIAST is at the forefront of experiential learning, boasting facilities such as dedicated poultry and dairy lab. This lab serve as dynamic learning environments, providing students with hands-on experience in poultry farming and dairy management. Equipped with modern technology and industry-standard equipment, the poultry lab focuses on aspects like breeding, nutrition, and disease control. Meanwhile, the dairy lab offers students insights into milk processing, quality control, and the overall management of a dairy farm. These invaluable resources not only enhance theoretical knowledge but also cultivate practical skills, preparing students for real-world challenges in the agricultural sector. The integration of poultry and dairy labs within the Department of Agriculture highlights our commitment to providing a comprehensive and industry-relevant education.

Post-Harvest Lab

IIAST takes pride in its Post-Harvest Lab, a dynamic facility dedicated to advancing knowledge in crop storage, processing, and quality management. Equipped with various equipments, this lab provides students with hands-on experience in assessing and optimizing post-harvest handling techniques. From studying storage conditions to exploring innovative preservation methods, students gain practical insights into minimizing losses and ensuring the quality of agricultural produce. The Post-Harvest Lab plays a crucial role for enhancing students knowledge of effective post-harvest practices essential for maintaining food security. It goes beyond theoretical learning, equipping students to tackle real-world challenges and underscoring the Department's dedication to delivering a comprehensive and industry-responsive agricultural education.

Agrometeorology Lab

The Department of Agriculture, IIAST boasts an automatic weather station dedicated to imparting knowledge to students. Additionally, the department features a specialized lab equipped with meteorological instruments, providing students with the opportunity to examine and analyze weather patterns and their impact on crop growth. This lab serves as a center for, enabling students to grasp the intricate relationship between meteorological factors and agricultural practices. From evaluating rainfall patterns to exploring temperature variations, the Agrometeorology Lab plays a pivotal role in enhancing students' understanding of sustainable farming practices. This hands-on experience offers practical insights, empowering students to make well-informed decisions in agriculture and highlighting the department's commitment to delivering a comprehensive and forward-thinking education.



Agricultural Engineering Lab

Agricultural Engineering lab offers a range of facilities and implements to impart knowledge to the students about repair and maintenance of Agricultural machinery and protected structures. It also facilitates students in getting hands on practice about operation of diesel engine, electric supply system of a tractor, cooling system of an engine, lubrication system, and air cleaner. Students conduct experiments on calibration of different farm machinery like sprayer and seed drill. Available facilities of lab provide an excellent learning environment for aspiring Agricultural Engineers.



Computer Lab

The Computer Lab at IIAST's Department of Agriculture is a state-of-the-art facility, serving as the technological backbone for Agricultural education and research. Equipped with advanced computers, software and high-speed internet access, it empowers students and researchers for success in the digital age. This lab is a focal point for data analysis, research and practical applications in Agriculture, reflecting IIAST's commitment to integrating technology into the field.

MECHANICAL HARVESTS : CULTIVATING EXCELLENCE WITH FUTURISTIC FARM MACHINERIES

IIST stands at the forefront of experiential learning, offering students a unique opportunity to engage with a diverse range of cutting-edge farm machinery for both study and research purposes. This includes essential equipment such as tractors, threshers, rotavators, disc harrows, reapers, cultivators, multipurpose planters, bed makers, and power sprayers. These advanced tools are not merely static exhibits but serve as dynamic instruments for hands-on exploration, enabling students to understand the intricacies of modern farming techniques. The Department of Agriculture harnesses hydraulic tractors to enhance mechanized farming practices, facilitating efficient plowing, planting, and harvesting, thereby optimizing agricultural operations and increasing overall productivity. These tractors are pivotal in modernizing and streamlining various aspects of the cultivation process. From the powerful tractors that drive agricultural operations to the precision of multipurpose planters, our students gain invaluable insights into the entire spectrum of farming processes. The department's commitment to providing access to a comprehensive suite of machinery underscores its dedication to preparing students for the challenges and innovations within the agriculture industry.





AGRICULTURE STORAGE FACILITIES

The Department of Agriculture ensures seamless operations with a dedicated vegetable store room, maintaining the freshness and quality of produce. Our food grain storage room is equipped to preserve and safeguard harvests, ensuring a sustainable and reliable source of nutrition. The farm machinery storage room serves as a safeguard for our cutting-edge agricultural equipment, ensuring their longevity and efficiency. These specialized storage spaces exemplify the department's commitment to effective resource management, fostering a conducive environment for agricultural excellence.



DEPARTMENTAL LIBRARY : A TREASURE OF INFORMATION

In addition to Central Library, Agricultural library stands out as an outright source of learning with a comprehensive assemblage of 2380 books and 28 subscribed journals. IIAST Agriculture library is a specialized library that consists of magazines, books, journals, manuscripts etc related to Agriculture. It caters to the needs of students, researchers and agricultural professionals providing them with latest techniques in field of agriculture. The library has wide range of resources from basic agricultural concept to cutting edge farming techniques. In addition to printed material IIAST library offers digital resources such as online data base e-book and e-journals. Our library is not just a repository of information, but it also serves as a hub for learning and collaboration.



BOARD ROOM : DECISIONS TAKE SHAPE & STRATEGIES ASCEND



Board Room at IAST serves as the central hub for collaborative decision-making, strategic planning, and academic discussions. This professional and purposeful space hosts faculty and staff meetings, facilitating open communication, idea exchange and decision-making. It plays a crucial role in shaping the department's curriculum through Board of Studies meetings, ensuring its alignment with the latest trends in agriculture. The Board Room symbolizes IAST's commitment to fostering a culture of collaboration, innovation, and progress in Agriculture.



SEMINAR HALL: NURTURING IDEAS & DISSEMINATING KNOWLEDGE

IIAST Seminar Hall is a hub of intellectual exchange, where ideas take root, knowledge is disseminated, and the future of Agriculture takes shape. This architecturally impressive space serves as a catalyst for academic, research and community engagement. Hosting seminars, Journal Club sessions and guest lectures, it provides a platform for students to present their research and engage with experts in the field.



SPACES WHERE WE PLAN, TEACH, GATHER AND RECOVER

The Department of Agriculture prides itself on providing a spacious and conducive environment for faculty and staff collaboration in our well-appointed staff room. This space serves as a hub for brainstorming, planning, and fostering a sense of community among the academic team. Additionally, our commitment to inclusivity extends to the provision of a dedicated and welcoming girls' common room, ensuring a comfortable and empowering space for female students to engage, study, and connect with their peers in the Department of Agriculture. At IIAST we prioritize the well-being of our students. Our Sick Room offers a serene and hygienic space where students can recuperate from illness or minor injuries.



CULTIVATING INNOVATION : THE SMART CLASSROOM AT IIAST

Experience a new era of learning at the Department of Agriculture, IIAST, Integral University, with our cutting-edge Smart Classroom. Dominated by an interactive smart board, this space transforms traditional lectures into vibrant, engaging sessions. Students can interact with digital content, participate in real-time problem-solving, and collaborate effortlessly with peers. The Smart Classroom symbolizes our dedication to integrating technology in education, ensuring that our students are not only well-versed in Agricultural sciences but also adept at utilizing modern tools to drive future advancements.



GROWING GREEN: THE ENCHANTING VERTICAL FARMING MODEL

Step into the Department of Agriculture, at IIAST Integral University and be captivated by our breathtaking Vertical Farming Model. This stunning display of lush, towering plants not only enhances the aesthetic appeal of our department but also serves as a living laboratory for sustainable agriculture practices. The garden showcases a diverse array of plant species, meticulously arranged to maximize space and foster an environment of tranquility and inspiration. Our Vertical Farming Model is more than just a visual delight—it's a testament to our commitment to innovative agricultural education and environmental stewardship.



AGRICULTURE FOR ALL: BREAKING GROUNDS WITH DIFFERENTLY-ABLED FRIENDLY INITIATIVES

The Department of Agriculture at Integral University is committed to inclusivity and provides a range of differently abled friendly facilities for both students and staff. This comprehensive support includes accessible ramps, wheelchair accessibility, and specially designed toilets. These initiatives are aimed at fostering an environment of equal opportunity, ensuring that individuals with diverse abilities can navigate and participate seamlessly in academic and daily activities. The university's commitment to inclusivity extends beyond academics, emphasizing a holistic approach that prioritizes the comfort and accessibility of differently-abled members within the academic community.



INTEGRAL OASIS : ELEVATING CAMPUS LIVING

Integral University boasts top-notch amenities, including impeccably maintained boys' and girls' hostels. Our expansive central auditorium serves as a dynamic space for hosting seminars, conferences, training sessions, and a variety of events. The campus features a well-stocked central library, the CIED (Center for Incubation and Entrepreneurship Development), IQAC (Internal Quality Assessment Center), HRDC (Human Resource Development Center), a Women's Grievance Cell, and an Intellectual Property Management Cell to cater to diverse student needs and contribute to a holistic educational experience. In addition to academic resources, our campus offers convenient amenities such as a bank, post office, ATM, canteen, and a stationary store. Students have access to a fully-equipped gymnasium, comprehensive sports facilities, ambulance services, a recording room, and efficient transportation. The campus is equipped with WiFi facilities, ensuring seamless connectivity for academic and recreational purposes. Health and well-being are prioritized with a hospital and emergency care services available on-site. The inclusion of a Recording Room further enhances the creative and technological aspects of student life. Integral University stands as a beacon of excellence, providing a well-rounded experience for its diverse student body. Integral University's extensive facilities, including well-maintained hostels, advanced auditoriums, and specialized centers, uniquely benefit the Department of Agriculture by fostering an environment conducive to agricultural research, innovation, and skill development. Also the inclusion of dedicated resources like the Center for Incubation and Entrepreneurship Development and comprehensive amenities supports the Department in promoting sustainable agriculture practices and holistic agricultural education.



Boys' Hostel



Girls' Hostel



Students Watching ICC Match in Hostel Ground



Central Auditorium



Central Library



Central Canteen



Integral Hospital



University Gymnasium



Sports Ground



Post Office



University Bus



Central Instrumentation facility



ATM in University Campus

MEMORANDUM OF UNDERSTANDING (MoUs)

Integral University's Department of Agriculture has established strategic collaborations through Memorandum of Understanding (MOUs) with esteemed institutions globally, including the Uttar Pradesh Council of Agricultural Research and the Sher-e-Kashmir University of Agricultural Sciences and Technology in India. Partnerships with organizations such as the CSIR-Central Institute of Medicinal and Aromatic Plants and the Indian Council of Food and Agriculture further enrich the academic landscape. Additionally, international affiliations with institutions like Paktia University in Afghanistan and Mendel University in the Czech Republic underscore the department's global outreach. Closer to home, associations with ICAR institutes in Lucknow and Mau, as well as regional centers like the Regional Food Research and Analysis Centre, showcase the department's commitment to collaborative research and knowledge exchange. The establishment of multiple Krishi Vigyan Kendras in Unnao, Sitapur I and II, Pratapgarh, and others signifies a network dedicated to agricultural extension and community engagement in various regions.

1. Uttar Pradesh Council of Agricultural Research, U.P., India
2. Sher-e-Kashmir University of Agricultural Sciences and Technology, Kashmir, India
3. Imperial School of Agribusiness (ISAB), Noida, India
4. CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow, U.P., India
5. Paktia University, Paktia, Afghanistan
6. Indian Council of Food and Agriculture, New Delhi, India
7. ICAR-Central Institute of Subtropical Horticulture, Lucknow, U.P., India
8. Bioved Research Institute of Agriculture, Technology and Sciences, Prayagraj, U.P., India
9. World Food Preservation Centre, LLC, Shepherdstown, USA
10. Arsi University, Astella, Ethiopia
11. ICAR- National Bureau of Fish Genetic Resources, Lucknow, India
12. Regional Food Research and Analysis Centre, Lucknow, India
13. NBAIM, Mau, India
14. Directorate of Seed Research (Indian Institute of Seed Sciences) Mau, India
15. Mendel University, Bruno, Czech Republic
16. Krishi Vigyan Kendra Pratapgarh
17. Krishi Vigyan Kendra Kaushmbi
18. Krishi Vigyan Kendra Sitapur 1
19. Krishi Vigyan Kendra Sitapur 2
20. Krishi Vigyan Kendra Unnao
21. Institute of Co-operative & Corporate Management, Research & Training (ICCMRT), Lucknow, U.P., India
22. Khwaja Moinuddin Chishti Language University, Lucknow, U.P., India
23. CSIR-National Botanical Research Institute, Lucknow, U.P., India

इंटीग्रल यूनिवर्सिटी व एनबीआरआई के बीच एमओयू पर हस्ताक्षर

जागरण संवाददाता, लखनऊ : इंटीग्रल यूनिवर्सिटी लखनऊ ने गुरुवार को राष्ट्रीय वनस्पति अनुसंधान संस्थान (एनबीआरआई) के साथ समझौता ज्ञापन पर हस्ताक्षर किए। इस सहयोग का उद्देश्य एक संयुक्त अनुसंधान कार्यक्रम शुरू करना है जहां एनबीआरआई और इंटीग्रल विश्वविद्यालय में पारस्परिक रूप से विकसित या विकसित की जाने वाली प्रमुख अनुसंधान सुविधाओं का उपयोग किया जाएगा। साथ ही वैज्ञानिकों को विश्वविद्यालय में विभिन्न शैक्षणिक कार्यक्रमों में भाग लेने में सक्षम बनया जाएगा।

भाषा और इंटीग्रल विवि के बीच हुआ एमओयू

अमृत विचार, लखनऊ : खाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय और इंटीग्रल विश्वविद्यालय के मध्य एक समझौता हुआ। ऐसे में दोनों विवि के जिम्मेदारों द्वारा ज्ञापन पर हस्ताक्षर भी किये गए। भाषा विश्वविद्यालय के कुलपति प्रो. नरेंद्र बहादुर सिंह ने बताया कि एमओयू के सहारे नवाचार को बढ़ावा मिलेगा। इसी को बढ़ावा देने के लिए एमओयू पर हस्ताक्षर किये गए हैं। इस अवसर पर कुलसचिव डॉ. भावना मिश्रा की उपस्थिति में भाषा विश्वविद्यालय और इंटीग्रल विश्वविद्यालय के मध्य एमओयू स्थापित किया गया। बताया है कि एमओयू विवि के सभी विषयों में शोध एवं प्रायोगिक ज्ञान को बढ़ाने के लिए कारगर साबित होगा। इससे उच्च शिक्षा के सभी विषयों में गुणवत्ता पूर्ण शोध एवं नवाचार को अग्रसर करने के लिए कार्य किया जा सकेगा। हस्ताक्षर के दौरान डॉ. भावना मिश्रा, याणिज्य संकाय के प्रो. एहतेशाम अहमद और इंटीग्रल विवि के

गन्ना शोध संस्थान से पीएचडी कर सकेंगे विद्यार्थी



गन्ना शोध एवं इंटीग्रल यूनिवर्सिटी के बीच संयुक्त शोध प्रस्ताव के दौरान मौजूद अधिकारी।

● अमृत विचार

कार्यालय संवाददाता, शाहजहांपुर

● इंटीग्रल यूनिवर्सिटी के साथ हुआ संयुक्त शोध प्रस्ताव

अमृत विचार: उत्तर प्रदेश गन्ना शोध परिषद शाहजहांपुर एवं इंटीग्रल यूनिवर्सिटी लखनऊ के बीच 29 फरवरी को एक संयुक्त शोध प्रस्ताव हस्ताक्षरित किया गया। इससे यूनिवर्सिटी के विद्यार्थियों को गन्ने से संबंधित नवीन तकनीकी का ज्ञान एवं अपने शोध कार्य को और भी अधिक गहनता से करने का मौका मिलेगा।

इस अवसर पर गन्ना शोध परिषद

संस्थान के लिए उपयोगी सिद्ध होगा। जिसके तहत इंटीग्रल यूनिवर्सिटी लखनऊ के विद्यार्थी इंटरशिप एवं उच्च शिक्षा के लिए संस्थान के कोलैबोरेशन से पीएचडी कर सकेंगे। इंटीग्रल यूनिवर्सिटी के फाउंडर एवं चांसलर प्रो. एस डब्ल्यू अख्तर ने कहा कि यह समझौता विद्यार्थियों के लिए महत्वपूर्ण है, जिसके द्वारा गन्ना शोध परिषद शाहजहांपुर

का ज्ञान एवं अपने शोध कार्य को और भी अधिक गहनता से करने का मौका मिलेगा। उन्होंने कहा कि ऐसे विद्यार्थी, जिन्होंने गन्ना शोध परिषद से इंटरशिप किया है, उनको उच्च शिक्षा के लिए इंटीग्रल यूनिवर्सिटी में वरीयता दी जाएगी।

समझौता कार्यक्रम में इंटीग्रल यूनिवर्सिटी के वाइस चांसलर प्रो. जावेद मुशर्रफ, एचओडी डॉ. सब्बा सिद्दीकी, रजिस्ट्रार प्रो. हरीश सिद्दीकी, गन्ना शोध परिषद के एओ उमेश चंद्र एवं वरिष्ठ वैज्ञानिक



IIAST AWARDS AND ACHIEVEMENTS : TURNING VISION INTO VICTORY

The Department of Agriculture at IIAST, Integral University, has established itself in agricultural education and innovation, earning numerous accolades and recognition for its outstanding contributions. At the prestigious Agriculture Leadership Conclave held in New Delhi on July 10-11, 2024, attended by luminaries such as Hon'ble Union Ministers of Road Transport and Highways, Nitin Gadkari and Shivraj Singh Chouhan Hon'ble Union Minister of Agriculture and Farmers' Welfare, IIAST was honored for its exceptional academic standards and impactful contributions to the agricultural sector. Prof. Syed Waseem Akhtar, Hon'ble Chancellor, and Prof. Mohd. Haris Siddiqui, Registrar, received the award, cementing the university's reputation for excellence in research and development. Further accolades include a Letter of Appreciation from the from the Uttar Pradesh Council of Agricultural Research for academic and student training excellence, and a Prashasti Patra from the Regional Central Integrated Pest Management for exceptional pest management services. Adding to its laurels, IIAST clinched the first prize at the Kisan Mela and Exhibition held at Virendra Kumar Singh Krishi Vigyan Kendra, Unnao, showcasing its commitment to empowering the farming community and advancing agricultural innovation. Director, IIAST, has been awarded the Outstanding Professional Award 2025 by the Indian Chamber of Food & Agriculture (ICFA), New Delhi.



WE HAVE ORGANISED SO FAR AT IIAST : FROM VIBES TO REFLECTION

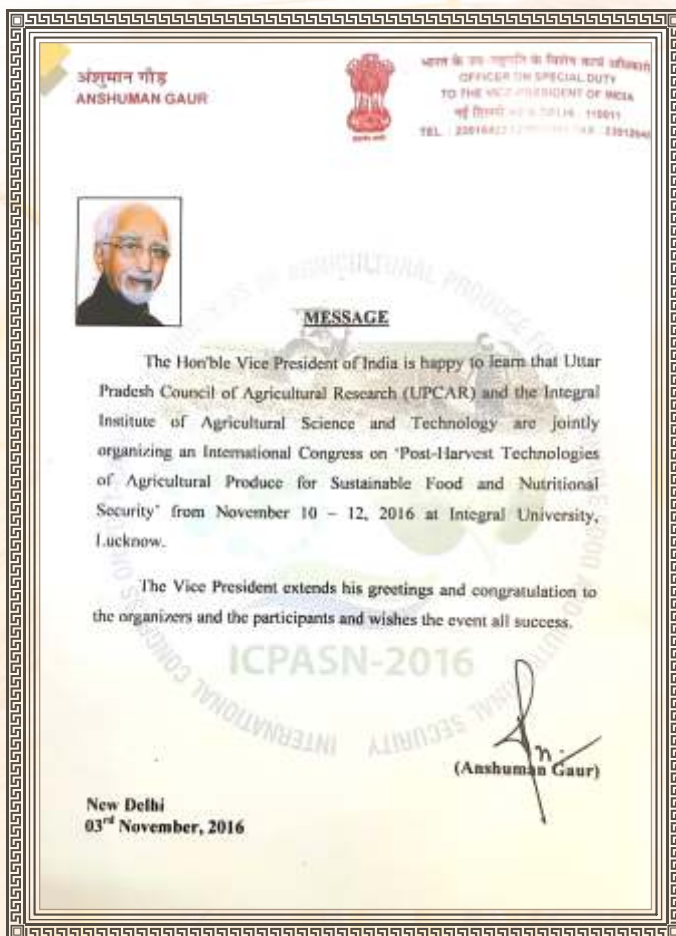
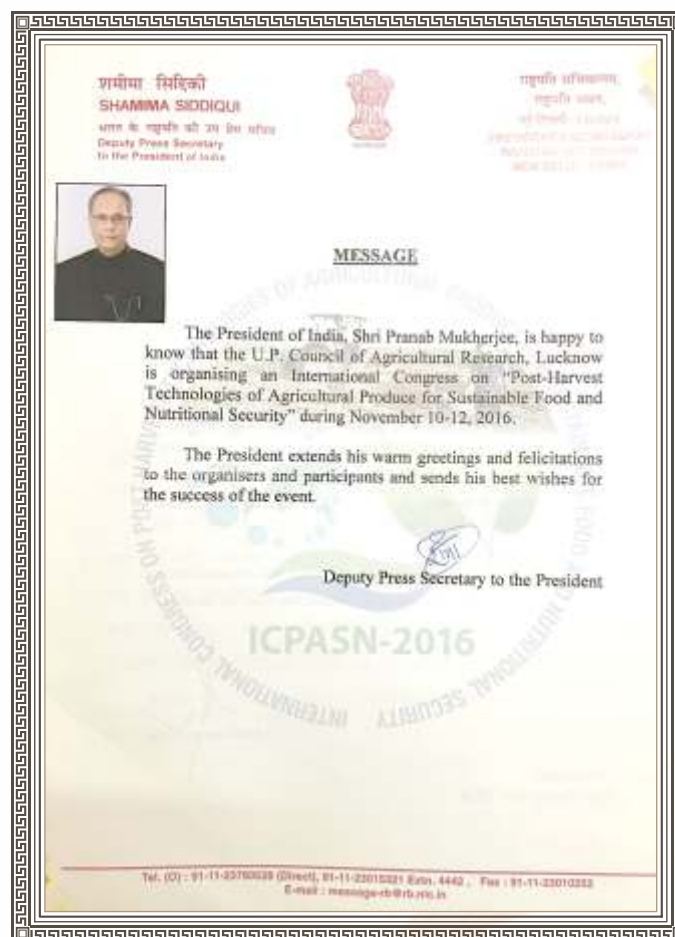
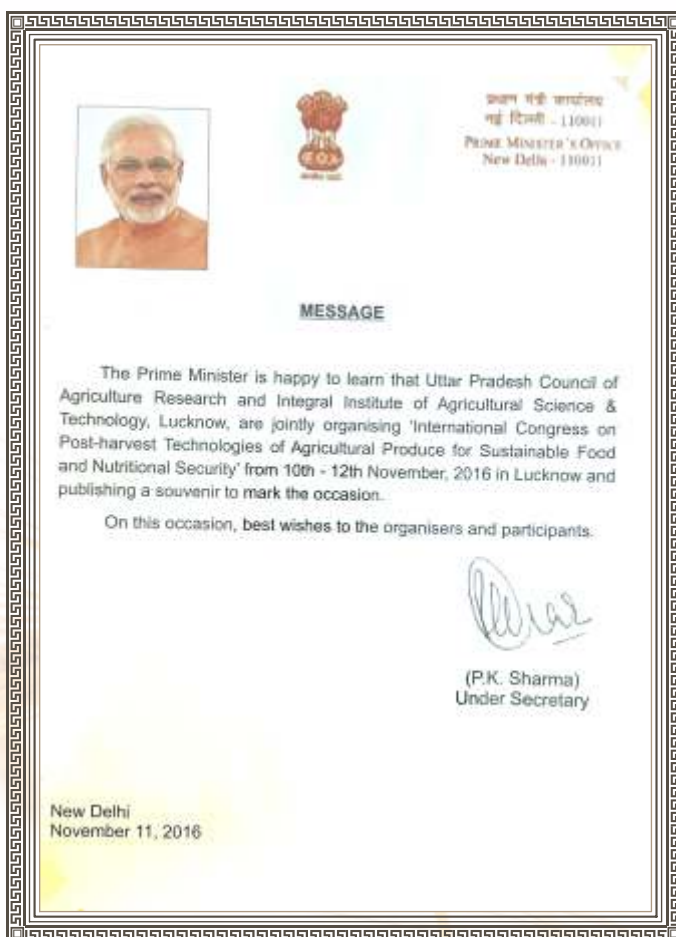
We at IIAST are committed to providing its students with an comprehensive education in the field of education. Department regularly organises seminar, conferences, workshops and extension activities that are aimed at keeping students up to date with latest trend and developments in the field of agriculture. Academic activities like conferences and guest lectures can help to promote knowledge sharing and collaboration among experts in the field of agriculture.

Conferences Organized


IIAST organized an International Congress on “Post Harvest Technologies of Agricultural Produce for Sustainable Food and Nutrition Security” with a vision to bring researchers around the globe to discuss the new trends on post-harvest technologies in agriculture and link them with sustainable food and nutritional security.



16th Indian Agricultural Scientist and Farmers Congress



डॉ. हर्ष वर्धन
DR. HARSH VARDHAN



मंत्री
विज्ञान और प्रौद्योगिकी एवं सूक्ष्म विज्ञान
भारत सरकार
नई दिल्ली - 110001
MINISTER
SCIENCE & TECHNOLOGY AND EARTH SCIENCE
GOVERNMENT OF INDIA
NEW DELHI - 110001

MESSAGE

I am happy to know that the Uttar Pradesh Council of Agricultural Research (UPCAR), Lucknow and Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow is jointly organizing an "International Congress on Post-Harvest Technologies of Agricultural Produce for Sustainable Food and Nutritional Security" on 10th - 12th November, 2016 at Integral University, Lucknow.


I have been informed that a large number of delegates from all over the world is participating in this International Congress. On this great occasion, a souvenir will also be published.

I extend my best wishes to participants, members of the organizing committee and organizers of this International Congress a grand success, and also for successful publication of the souvenir and in all its future endeavours.

Harsh
(Dr. Harsh Vardhan)

209, अणुसंशोधन भवन, 2 फ्लोर बॉक्स, नई दिल्ली-110001 दूरभाष : +91-11-23316766, 23714230; फैक्स : +91-11-23316771
225, आनंदशान्ति भवन, 2, फ्लोर मार्ग, नई दिल्ली-110001 पी. : +91-11-23316766, 23714230; फैक्स : +91-11-23316771

राम नाईक
उप मुख्य, उत्तर प्रदेश



राज्य मंत्रालय
संख्या - 226/2016
14 अक्टूबर, 2016

सन्देश

मुझे यह जानकर अतीव प्रसन्नता हुई कि उत्तर प्रदेश कृषि अनुसंधान परिषद, लखनऊ द्वारा 10 से 12 नवम्बर, 2016 तक तीन दिवसीय अन्तर्राष्ट्रीय कांग्रेस का आयोजन किया जा रहा है, जिसमें बड़ी संख्या में देश-विदेश के कृषि वैज्ञानिक और शोधार्थी प्रतिभाग करेंगे।


देश में गुणवत्ता युक्त खाद्यान्न उत्पादन को सुनिश्चित करने के लिये आधुनिक कृषि तकनीकों को बढ़ावा देना आवश्यक है। यह तभी सम्भव होगा जब नई-नई तकनीक का ज्ञान किसानों के खेतों तक पहुँचे। मुझे आशा है कि कांग्रेस में प्रतिभाग करने वाले कृषि वैज्ञानिकों, शोधार्थियों और नीति निर्धारकों के आपसी विचार-विमर्श के निश्चय-ही सार्थक परिणाम सामने आयेंगे।

कांग्रेस के सफल आयोजन के लिये मैं अपनी हार्दिक शुभकामनाएँ प्रेषित करता हूँ।

Naik
(राम नाईक)

दूरभाष : 0522-2236407 ईमेल : 0522-2236488 पत्र : hgovap@nic.in वेबसाइट : www.upgovernor.gov.in

AKHILESH YADAV



LAL BAHADUR SHASTRI BHAWAN
LUCKNOW
CHIEF MINISTER
UTTAR PRADESH

Dated : 16th September, 2016

Message

I am happy to know that an International Congress on "Post-Harvest Technologies of Agricultural Produce for Sustainable Food and Nutritional Security" is being organised by UP Council of Agricultural Research, Lucknow from 10th to 12th November, 2016.

Agriculture and allied activities play an important role in the economy of Uttar Pradesh. With the objective of welfare of farmers, the Government of Uttar Pradesh has implemented various schemes. The current financial year is being celebrated as "Year of the Farmer" in the state.


The success of Uttar Pradesh in the Agriculture sector is due to the hard work of the farmers and active involvement of agriculture scientists. The efforts of scientists in developing high yielding varieties of crops along with their widespread adoption by the farmers are visible in increasing farm productivity.

For achieving sustainable food and nutritional security, it is imperative that the agricultural produce is stored in a safe, secure and scientific manner. I am confident that during the event, participants would discuss the relevant issues in depth and make the deliberations beneficial for all.

My best wishes for the entire endeavour.

Akhilesh
(Akhilesh Yadav)

विनोद कुमार
उर्फ पण्डित सिंह
मंत्री
कृषि, कृषि विज्ञान एवं कृषि अनुसंधान
उत्तर प्रदेश



एच-1/2, पंचम तल
बाबू भवन, मन्दिराजपुर
लखनऊ
दूरभाष : 0522-2236342/मोबाईल
2214785/टीएन
0522-2238160/आवाज
दिनांक - 04.10.2016

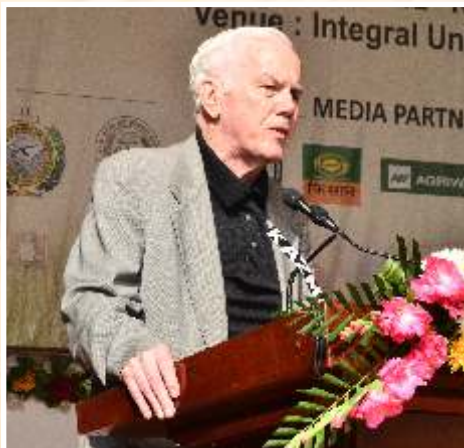
Message

I am delighted that the Uttar Pradesh Council of Agricultural Research (UPCAR), is organizing the International Congress on "Post-Harvest Technologies of Agricultural Produce for Sustainable Food and Nutritional Security" in collaboration with Integral University, Lucknow, Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers' Welfare, Govt. of India, Sam Higginbottom Institute of Agriculture, Technology and Sciences (SIATS) and Uttar Pradesh Academy of Agricultural Sciences (UPAAS) Lucknow, from 10-12th November, 2016 at Integral University, Lucknow.

Uttar Pradesh has immense significance in the context of food security of the country as it contributes about one-fifth of the total foodgrain production in the country, which is highest among all the states. At present large population, small farm holdings, intensive cultivation and vast climatic variations are big challenges responsible for decline in productivity leading to poverty and food insecurity. Another reason of poverty and food insecurity is the food loss. In developing countries, most food losses take place after crop harvest, between the field and the market. However, the specific causes of postharvest loss vary widely, depending on crop type, region, culture, weather, and farmers' incomes. The theme of congress is very relevant in the present context and it will deliberate on issues related to research and development efforts in the area of post-harvest technologies and will spell out way forward to reduce post-harvest losses of agricultural produce.

I wish the Congress a grand success.

Vinod
(Vinod Kumar "Pandit Singh")



IIAST Hosts Millet Man of India

IIAST welcomes Padma Shri Dr. Khadar Vali, India's Millet Man, for a special session on "Millets Timely Solution" aligning with the United Nations' International Year of Millets initiative. The event offers a platform for students, faculty, researchers and the community to benefit from Dr. Khadar Vali's expertise. It underscores the institute's commitment to raising awareness about millets, emphasizing their significance in sustaining communities and promoting Sustainable Agriculture.

मधुमेह को ठीक कर सकता है बाजरा : डॉ. वली

लखनऊ। द मिलेट मैन ऑफ इंडिया पद्मश्री डॉ. खादर वली ने बाजरे की किस्मों के लुप्त होने पर चिंता जताते हुए कहा कि समय के साथ हरित क्रांति के नाम पर हमने सुनहरे बाजरो को खो दिया है। उसकी जगह चीनी समृद्ध धान और गेहूं को आमंत्रित किया है। यही वजह है कि 25 फीसदी लोग डायबिटिक हो चुके हैं। उन्होंने कहा कि बाजरे का सेवन मधुमेह को ठीक कर सकता है। वह सोमवार को 'बाजरा : समय पर समाधान' विषय पर व्याख्यान दे रहे थे।

बाजरे की किस्मों के लुप्त होने पर जताई चिंता

इंटीग्रल इंस्टीट्यूट ऑफ मेडिकल साइंसेज एंड रिसर्च और इंटीग्रल इंस्टीट्यूट ऑफ एग्रीकल्चरल साइंसेज एंड रिसर्च की ओर से इंटीग्रल विश्वविद्यालय में आयोजित व्याख्यान में पद्मश्री डॉ. खादर वली ने कहा कि हम अपने दैनिक आहार में बाजरे को शामिल नहीं कर रहे हैं। इसकी वजह से हम जल्द ही विश्व की मधुमेह की राजधानी बनने जा रहे हैं। डॉ. वली ने बाजरा के पोषण और उपचार क्षमता पर चर्चा करते हुए कहा कि जब हम चावल और गेहूं का सेवन कर रहे होते हैं तो खाने के 15 मिनट बाद ही शर्करा खून में मिल जाती है। इससे हमारे पाचन तंत्र पर कम समय में शर्करा तोड़ने के लिए दबाव पड़ जाता है। यदि हम फाइबर से भरपूर बाजरा ले रहे हैं तो वो धीरे-धीरे शर्करा छोड़ते हैं। इससे हमारे पाचन तंत्र पर जोर नहीं पड़ता है। इस मौके पर इंस्टीट्यूट की डीन आभा चंद्रा, चिकित्सा अधीक्षक डॉ. बलजीत अरोड़ा, एचओडी कृषि डॉ. सबा सिददीकी, कुलपति सैयद वसीम अख्तर, आईआईएसटी के निदेशक डॉ. हारिस सिददीकी, सैयद मोहम्मद फौजान अख्तर सहित करीब 300 कृषि छात्र व डॉक्टर मौजूद रहे। (संवाद)



Seminars Organized

Department of Agriculture, IIAST, Integral University, Lucknow, and UPCAR jointly organized a national seminar on “Recent Approaches for Production and Value Addition of Millets (Shree Anna) in Changing Climate Scenario”. The event aimed to promote millets as resilient crops, emphasizing cultivation and value addition for sustainable food sources. The seminar served as a valuable platform for knowledge exchange and collaboration in Agriculture and climate change adaptation.



A National Seminar was organized by IIAST on "National Agricultural Education Policy: Current and Future Perspectives" provided a crucial forum for stakeholders to deliberate on the dynamic landscape of agricultural education. The seminar featured esteemed dignitaries who brought a wealth of expertise to the event. Dr. R.C. Agarwal, Hon'ble DDG, Division of Agricultural Education, ICAR, New Delhi, Dr. Sudhir Kumar Shukla, Director, U.P. Council of Sugarcane Research, Shahjahanpur. Dr. Rasappa Viswanathan, Director, Indian Institute of Sugarcane Research, Lucknow, Dr. Uttam K. Sarkar, Director, National Bureau of Fish Genetic Resources, Lucknow and Dr. T. Damodaran, Director, Central Institute for Subtropical Horticulture (CISH), Lucknow. Their participation elevated the seminar by fostering a multidimensional discussion, drawing on their diverse expertise in agricultural education. Through insightful discussions, it fostered a shared understanding of contemporary challenges and envisions future pathways for agricultural education, contributing to the overall enhancement of the sector. This intellectual exchange served as a catalyst for informed decision-making and advancements in agricultural education policies.



M.S. Swaminathan Memorial Lecture

Sowing Seeds of Wisdom : The Legacy Continues

The M.S. Swaminathan Memorial Lecture, delivered by Dr. R.C. Agrawal, DDG, ICAR, New Delhi, stands as a tribute to the eminent agricultural scientist M.S. Swaminathan. Dr. Agrawal, in his lecture, shared valuable insights and perspectives on contemporary agricultural challenges and innovations. The memorial lecture serves to honor Swaminathan's legacy and promotes the exchange of knowledge and ideas within the agricultural community, fostering a continuum of expertise and inspiration.



Exhibition and Expos

IIAST Agriculture exhibitions and expos are great platforms for showcasing the latest technologies, products, and services in the Agricultural industry. These events bring together students, researchers, farmers, policymakers, and other stakeholders to share knowledge and best practices, network, and explore new opportunities. Expos and exhibitions provides an opportunity for farmers to display their crops, livestock, and equipment, which can help them attract buyers and investors.



Professional Development Program (PDP)

The Integral Institute of Agricultural Technology and Sciences (IIAST) orchestrated a transformative two-week virtual Professional Development Program (PDP) titled "Recent Trends in Agriculture for Sustainable Food and Nutritional Security," spanning from November 23 to December 7, 2021. This visionary initiative aimed to instill a profound understanding of sustainable agricultural practices and their application in mitigating environmental degradation caused by conventional farming methods. The inaugural session, held on November 23, 2021, set the tone for an enlightening journey, featuring Bishop Prof. (Dr.) Rajendra B. Lal, Vice Chancellor of SHUATS, Prayagraj, as the esteemed Chief Guest. The event was graced by luminaries such as Dr. A.K. Singh, DDG, Agricultural Extension, ICAR; Mr. Alok Ranjan (IAS), Former Chief Secretary and Agriculture Production Commissioner; Dr. M. J. Khan, Chairman of the Indian Chamber of Food and Agriculture; and Dr. Shailendra Rajan, Director of ICAR-CISH, Lucknow. These distinguished guests shared their profound insights into the latest technological trends in agriculture with a diverse audience representing various states. Throughout this immersive two-week journey, participants engaged with speakers from renowned institutes and universities, delving into cutting-edge advancements in agricultural practices. The emphasis was on embracing sustainable techniques to ensure food and nutritional security while minimizing ecological impact. The valedictory session on December 7, 2021, featured Dr. Ashwin Dutt Pathak, Director of ICAR-IISR, Lucknow, as the distinguished Chief Guest. Notable figures in attendance included Dr. Virendra Shishodia, Additional Director Agriculture, Govt. of U.P., and Dr. A.K. Nigam, Former Director of the Institute of Applied Statistics and Development Studies, who graced the occasion as the guest of honor. The valedictory session provided a reflective platform to ponder the acquired insights and acknowledge the significant contributions of both esteemed speakers and enthusiastic participants. This PDP on "Recent Trends in Agriculture for Sustainable Food and Nutritional Security" stands as a pivotal chapter in advancing knowledge and practices for sustainable agriculture.




Celebrating **23** years of EXCELLENCE

INTEGRAL INSTITUTE OF AGRICULTURAL SCIENCE & TECHNOLOGY (IIAST)
 IS ORGANIZING

TWO WEEKS

PROFESSIONAL DEVELOPMENT PROGRAMME (PDP)
 ON
**RECENT TRENDS IN AGRICULTURE FOR SUSTAINABLE
 FOOD & NUTRITIONAL SECURITY**
23 November - 7 December 2021

CHIEF-PATRON	PATRONS		
 Prof. S.W. AKHTAR FOUNDER & CHANCELLOR Integral University, Lucknow	 Dr. SYED HAIDEEM AKHTAR PRO CHANCELLOR Integral University, Lucknow	 Prof. JAVED MUSARRAT VICE CHANCELLOR Integral University, Lucknow	
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 Prof. SYED MISBAHUL HASAN Deputy VC Integral University, Lucknow	 Prof. JAFAR EHSAN Deputy VC Integral University, Lucknow	 SYED M. FUZAS AKHTAR Asst. Director, IIS Integral University, Lucknow	 Prof. R. A. KHALID Dean, Student Welfare Integral University, Lucknow
INAUGURAL SESSION SPEAKERS			
 BISHOP Prof. (Dr.) RAJENDRA B. LAL Vice Chancellor SHUATS, Prayagraj	 Dr. A. K. SINGH DDG, Agricultural Extension ICAR	 ALOK RANJAN Former Chief Secretary & Agriculture Production Commissioner	 Dr. M. J. KHAN Chairman Indian Chamber of Food & Agriculture
 Dr. SHAILENDRA RAJAN Director ICAR-CISH, Lucknow	23 November 2021 10:00 am to - 12:00 noon (IST)		
MANAGING COMMITTEE		CONVENER	
 Prof. MOHD. FARIS SIDDIQI Asst. Faculty of Agriculture Extension Integral University, Lucknow	 Prof. SYED MERYEM AHMAD Senior FPO Integral University, Lucknow	 Prof. ARSAL NUMAN KHAN Coordinator of Extension Integral University, Lucknow	 Dr. TARA SIDDIQI Head, Department of Agricultural Integral University, Lucknow

Faculty Development Program (FDP)

The Department of Agriculture, IIAST, regularly organizes Faculty Development Programs (FDPs) to enhance the knowledge, skills, and teaching methodologies of its faculty members. These programs are designed to keep the faculty updated with the latest advancements in agricultural research, technology, and pedagogy. Through interactive sessions, hands-on training, and expert-led workshops, the FDPs focus on fostering innovative teaching practices, interdisciplinary learning, and research excellence. By prioritizing the professional growth of its faculty, the department ensures the delivery of high-quality education and contributes to the overall development of agricultural education and research at IIAST.



IIAST Hosts UPCATET Exams

The Department of Agriculture, IIAST, Integral University stands out as the exclusive host in Lucknow for the UPCATET exams, seamlessly managing the process across 4-5 centers with unparalleled efficiency. This recognition highlights the university's skilled coordination and dedicated efforts in conducting UPCATET exams seamlessly, establishing a standard of excellence in the region for the administration of examinations.



Plantation Drives

IIAST organises Plantation drive in the university and adjoining villages with a mission to promote environmental sustainability and raise awareness about the importance of preserving our natural resources. During the plantation drive we also include inhabitants of vicinity as it helps in spreading the awareness about benefits of planting trees and the importance of preserving the environment.



Awareness campaigns

Department of Agriculture is taking a holistic approach and actively engaging rural communities for education and training. By providing on the job field training and educational opportunities, rallies and door to door campaigns, the department is not only helping farmers improve their practices, but also empowering them to make farming decisions and take control of their own livelihoods.



Training Programs

IIAST provides hands on training to the farmers of nearby villages on Mushroom cultivation, Strawberry farming, quality enhancement of Mint and many more. These training sessions helps the farmer to enhance quality and productivity of their produce. Special sessions for women farmers are also conducted to improve their livelihood.



Cultivating Excellence: IIAST's Hands-On Training Empowers Farmers for Bountiful Harvests and Brighter Livelihoods!"

Kisan Pathsala

Kisan Pathsalas are regularly organised by IIAST with an objective to provide training and education to farmers on various aspects of Agriculture. The program aims to enhance the knowledge and skills of farmers in areas such as crop management, soil health, water management, pest control, and post-harvest management. Kisan Pathsala bridges the gap between farmers and agricultural researchers, it also provides opportunity to students to work on real life agricultural projects and interact with farmers.



Kisan Goshti

IIAST has taken up the initiative of organising kisan goshtis to facilitate discussion and exchange of idea among farmers. It also provides a platform to share their experiences, knowledge, and day to day challenges. During these meetings, farmers discuss topics such as crop management, soil health, pest control, Agricultural policies & reforms & measures to control post-harvest losses.

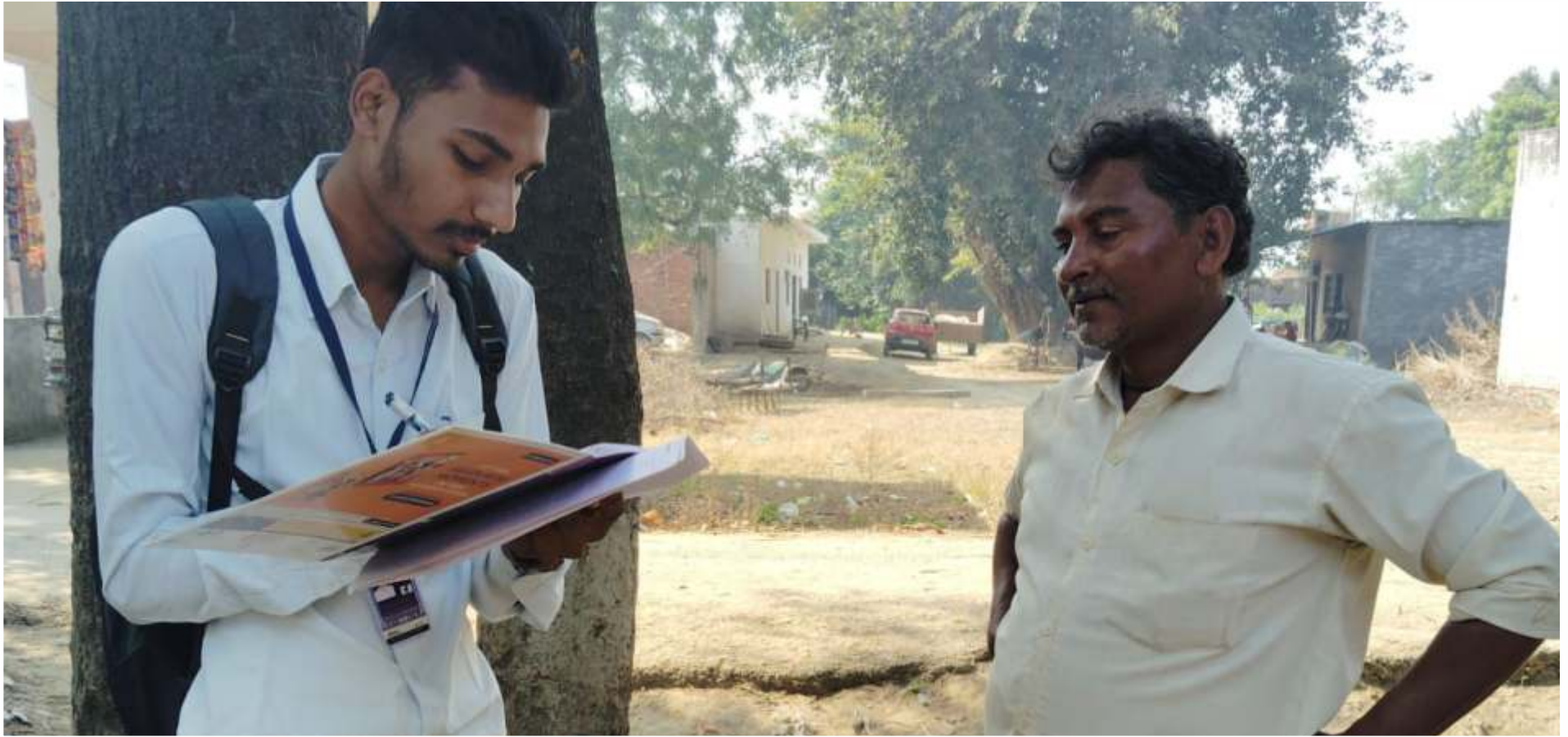


Outreach : Spreading Love & Kindness

IIAST believes that Extension is concerned not just with physical and economic achievements but also with the development of the rural people themselves in order to improve their livelihoods. This outreach program is an excellent initiative to bridge the gap between the farming community and students. By visiting the adjoining villages and connecting with the farmers, students get the opportunity to understand the ground realities of the Agricultural sector. They can learn about the issues and challenges faced by farmers, such as lack of access to resources, low productivity, and market linkages. The program also helps in creating awareness among farmers about various State and Central Government schemes related to Agriculture. Students can educate farmers about the benefits of new technologies, techniques, and trends in the Agriculture sector.



Extension activities in villages of Rajauli, Basha and Bhakamau.



Extension activities in villages of Paikramau, Lalpur and Khwaja Ka purwa



Extension activities in villages of Palka, Dasauli, Bhagatpurwa and Anwari.

IIAST FARMERS DAY CELEBRATIONS : HONOURING OUR VETERANS

To commemorate the birth anniversary of former Prime minister, Shri Chaudhary Charan Singh, National Farmers Day is celebrated every year on 23rd December. This special occasion is a great opportunity for us to acknowledge the vital role that farmers play in our society and to express our gratitude for their unwavering commitment to feeding our nation. On this occasion IIAST felicitates the Krishi Vigyan Kendra and progressive farmers for their valuable contributions.



Integral Farmer's Award Ceremony





IIAST CELEBRATES IMPORTANT DAYS: MARKING THE CALENDAR

National Technology Day

National Technology Day is celebrated in India on 11th May each year to commemorate the scientific and technological achievements of Indian scientists. The students of Department of Agriculture, visits research institutions on this day. This year the students had visited CSIR-National Botanical Research Institute to spectate the National Technology Day programme.



Teacher's Day

The Student Welfare Committee and Alumni Committee of IIAST on the occasion of Teacher's Day, organizes panel discussion programmes on topics like Blended Learning – The new normal and emerging technology, The Changing Landscape of Education and many more on 9th September every year.



Women's Day

On the occasion of International Women's Day on 8th March and to promote and ensure their contribution to Indian society, IIAST, organizes training programs in adjoining villages for the Women, by the Women related to Natural Farming, Mushroom cultivation and many more.



International Seeds Day

IIAST celebrates International Seeds Day on 26th April every year. Seed is life for farmers therefore, every seed's integrity and sanctity should be preserved and protected. On this day every year experts talk are organized. This year seeds day is dedicated to promote patent free seeds, non-GMO natural seeds, hybrid seeds and farmer rights.



World Milk Day

World Milk Day is celebrated every year on June 01, to raise awareness about the importance of milk and dairy products in our daily lives. On this day IIAST plans visit to Dairy units and expert talks were also organized. This year students visited to Lucknow Producer's Co-Operative Milk Union Limited also known as Parag new dairy plant, Chak Ganjaria, Sultanpur road, Lucknow, Uttar Pradesh, 226002.



World Soil Day

World Soil Day is celebrated on 5th December every year at IIAST. On this day educational, interactive, and motivational talks are conducted by experts for our students. The theme for World Soil Day last year was "Soil: Where food begins". On this occasion, an Guest Lecture was conducted followed by farm visit for students.

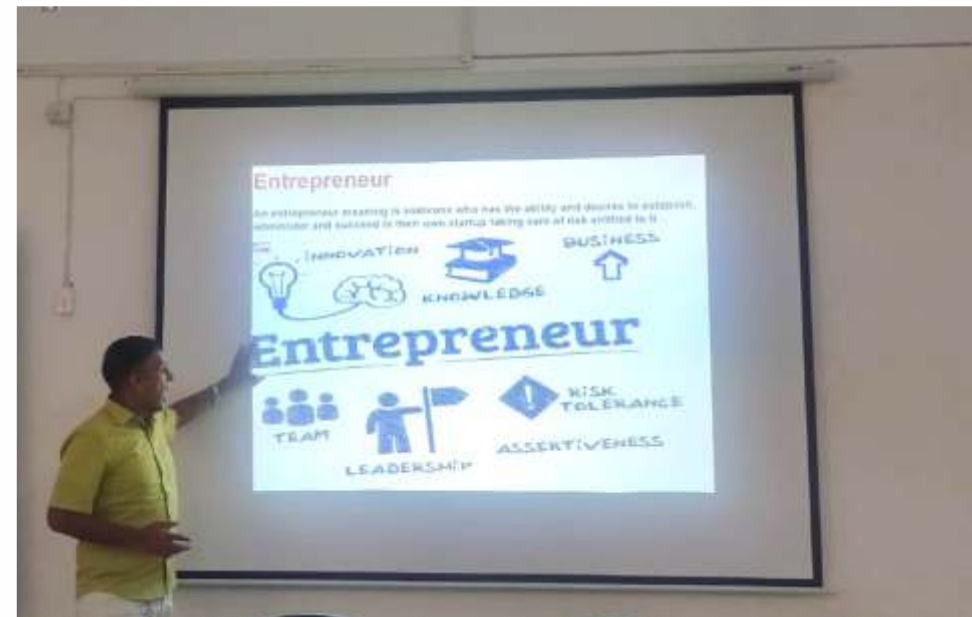
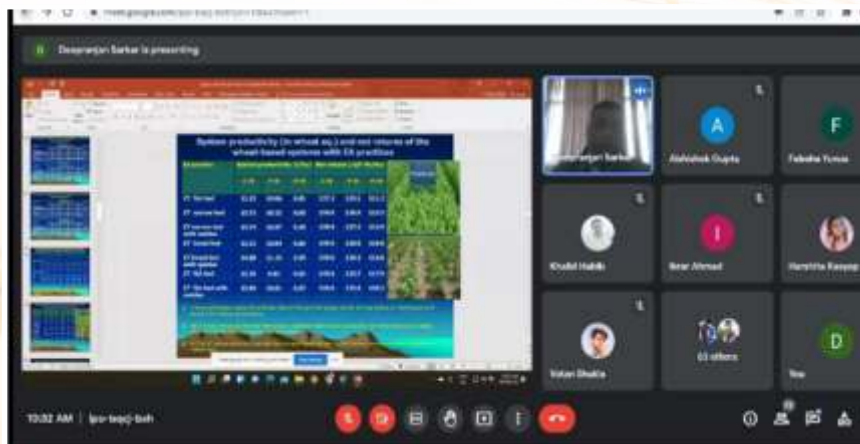


World Meteorological Day

The Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST) organized Kisan Gosthi on the occasion of World Meteorological Day i.e. on 23/03/2023 at Khwaja ka Purwa village, Lucknow with theme of "The Future of Weather, Climate and Water across Generations". The goal was to raise awareness about the challenges our planet faces in terms of weather, climate, and water resources.

Guest Lectures : Motivating Minds, Changing Lives

Guest lectures are an important aspect of Agriculture education as it provides students with an opportunity to learn from industry experts and gain practical knowledge about the latest advancements in the field. IIAST regularly organises Guest lectures on topics related to crop production, Integrated Farming System, Sustainable Agriculture, animal husbandry, soil science, agribusiness, and many more, which helps student to gain a deeper understanding of domain. Experts invited at IIAST for guest lectures often focuses on the latest research and developments in the field of Agriculture which gives students to access the cutting-edge information and insights of the field.



Student Visits: Exploring the Horizon

IIAST always motivates and supports its students for educational tours and visits to Agricultural Universities, Research Institutions, Industries & various expos related to Agriculture. These visits provide students an opportunity to interact with the eminent scientists, researchers, academicians, and domain leaders working in the field of Agriculture and its allied activities. Through these visits, students gain practical knowledge and exposure to the latest technologies and innovations in the field of Agriculture. Students also get a chance to witness the implementation of theoretical concepts in real-life situations.



Regional Science City Lucknow



Kisan Mela BUAT Banda



CSIR-NBRI Lucknow



CSIR-CIMAP Lucknow



Kisan Mela NDUAT Faizabad



AgroVision IISR Lucknow



Kisan Mela, Govind Ballabh Pant University of Technology and Agriculture (GBPUAT), Pantnagar, Uttarakhand



State Livestock Farm, Chak Ganjaria Niblet Barabanki, U.P.



Atal Tunnel, Rohtang Pass, Manali



ICAR- Indian Institute of Soil and Water Conservation Research Centre, Chandigarh



Kisan Mela, Chandra Shekhar Azad University of Agriculture and Technology, Kanpur



CII AgroTech India - Krishi Bharat 2024, Lucknow



1.ICAR-Indian Institute of Soil and Water Conservation Research Centre, Chandigarh



CSIR-Indian Institute of Toxicology Research, Lucknow

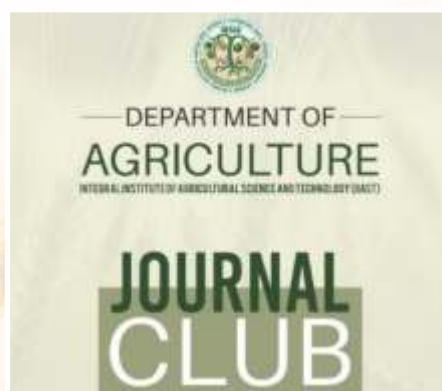
INTEGRAL KRISHI DARPAN: BRIDGING PERSPECTIVES WITH BILINGUAL BRILLIANCE

Dr. R.C. Agarwal, DDG, Division of Agricultural Education, ICAR, New Delhi said in the launch of Integral Krishi Darpan " I extend my heartfelt appreciation for the release of Integral Krishi Darpan. This bilingual magazine reflects the commitment of Department of Agriculture, Integral University, disseminate valuable insights, advancements, and success stories, contributing significantly to the growth of agricultural knowledge and practices."Integral Krishi Darpan transcends its identity as a agricultural magazine emanating from the Department of Agriculture, Integral Institute of Agricultural Science and Technology, Integral University. It stands as a crucial asset for the agricultural community. Integral Krishi Darpan magazine caters to a bilingual audience, being published in both English and Hindi languages. Within the pages of this magazine, readers encounter a rich repository of information, insights and innovations capable of reshaping the agricultural panorama. More than just a publication, "Integral Krishi Darpan" serves as a veritable treasure trove of knowledge, spanning a diverse array of topics. From the latest advancements in farming techniques to compelling success narratives from our industrious farmers, the magazine is a testament to the vibrancy and resilience inherent in our agricultural community. Its pages unfold as a narrative woven with the threads of agricultural wisdom, offering a profound exploration of contemporary practices, cutting-edge technologies, and the unwavering dedication of those who till the soil.



Journal Club : Going the Extra Mile

IIAST has incepted and effectuated "IIAST Journal Club" under its arbour. The untenable concept aims to elevate and upheave the research in the Department. The Journal club has assisted the students and faculty members, in keeping up with current findings, exercise their critical thinking skills and improve their research abilities.



Master's Seminar : Harvesting Insights

IIAST started Master's Seminar with an aim to share the aspects of the modern research on the relevant area of specialization with our interested academicians and students. Master's Seminar is a regular practice in the department which thrives to encourage our students to enhance their knowledge and insightful understanding of their field with the recent developments going on.



Sports & Co-curricular Activities : Unleashing New Talents

IIAST encourages its students to participate in sports and co-curricular activities as it helps in overall personality development and instils important values like teamwork, leadership, and discipline. The students of IIAST have excelled in various sports like cricket, football, basketball, and athletics at both inter and intra university level competitions. They have also participated in cultural events like dance, music, and drama and won accolades for their performances. Nukkad Natak was also performed by the students to create awareness about important.



Nurturing Talent in Agriculture – A Chronicle of Student Achievements

The students from the Department of Agriculture, IIAST are being recognized and honored with awards for their outstanding participation in a diverse range of co-curricular activities. These activities encompass a variety of engaging events such as street plays (nukkad natak), poster presentations, essay writing competitions, debate competitions, and sports including cricket and taekwondo. Our one student was honoured with “Innovative Farmer Award for Young Farmer” from Governor of Telangana. Also another student was Honoured by Governor of U.P. for his excellent performance in Fruit, Vegetable and Flower show held at Raj Bhavan Lucknow. The accolades celebrate the students' achievements and contributions across these diverse fields, showcasing their talent, dedication, and excellence beyond the academic realm. This shows the holistic development fostered within the students by IIAST, highlighting the multifaceted skills and abilities of its students.



Mohd. Sameer from B.Sc. (H) Agriculture was honored by Uttar Pradesh Governor Smt. Anandiben Patel for his excellent performance in the Fruit, Vegetable & Flower show held at Raj Bhavan, Lucknow.



Students of Department of Agriculture, IIAST won First Prize in poster presentation on Space Technology for Climate Change organized by Remote Sensing Application Center, U.P. Indian Society of Remote Sensing Lucknow Chapter



Raghunath Reddy, a student of B.Tech Agricultural Engineering, secured the Telangana State Level "Innovative Farmer Award for Young Farmer" and received recognition from the Governor of Telangana, Dr. Tamilsai Soundararajan, at Raj Bhavan, Telangana.

RAWE & ELP PROGRAMME : The Future is in their Hands

The IIAST follows the recommendation and norms of the 5th Dean committee of ICAR, under which RAWE (Rural Agricultural Work Experience) and ELP (Experiential Learning Programme) is a mandate program for Agriculture graduates. The major aim of these programs is to develop competence, capability, capacity building, acquiring skills, expertise and confidence amongst the graduates of agriculture. The ELP is offered during final year of the agriculture degree program. For RAWE the students of IIAST gets the experience from our collaborations:

- KVK Sitapur I
- KVK Sitapur II
- KVK Pratapgarh
- KVK Unnao
- KVK IISR, Lucknow
- KVK Kaushambhi

Ten days Student READY (Rural Entrepreneurship and Awareness Development Yojana) Orientation Programme was also organized by IIAST, as per the directives of fifth Dean committee of Agricultural education of ICAR. Orientation focuses to integrate skill building and business modules in Agricultural education to capacitate the students to emerge as Agri-Entrepreneurs.

In the dynamic landscape of agricultural education, KVKs and ATARI play pivotal roles in shaping the journey of RAWE (Rural Agricultural Work Experience) students. These institutions serve as catalysts for hands-on learning, providing practical exposure and mentorship to budding agriculturists. KVKs, with their grassroots outreach, bridge the gap between academia and real-world farming, while ATARI acts as a hub for cutting-edge research and technology application. Together, they empower RAWE students with the knowledge and skills needed to navigate the challenges of the agricultural sector, fostering a new generation of informed and innovative agricultural professionals.



मधुमेह से बचाव के लिए जरूरी है बाजरा

एनबीटी से, लखनऊ : पुन्ती रोड स्थित इंटीग्रल इंस्टीट्यूट ऑफ मेडिकल साइंसेज रोड सिवार्थ में सोमवार को मिलेट में डॉ. खान्दर जली ने 'बाजरा पर सम्बंधित' विषय पर व्याख्यान दिया। इसमें डॉ. जली ने बताया कि भारत ही विश्व की मधुमेह राजधानी बनने जा रहा है। 25 फीसदी लोग डायबिटीस हो चुके हैं। ऐसे में अब जरूरी है कि इसकी रोकथाम के विकल्पों को अपनाने। बाजरा उनमें से एक है। जब हम चावल का सेवन करते हैं तो हमसूत शीत पर दबाव पड़ता है। जबकि बाजरा घेरे-घेरे राईब्रा छोड़ता है इसलिए खानने से पर दबाव नहीं पड़ता। इस मौके पर इंटीग्रल विजे के वरिष्ठ सैय्य अलीम अख्तर, सिसर्प-डीन डॉ. आभा चंद्र भी मौजूद रहे।

Climate change a cause of concern: Prof Ayyappan

Climate change is a cause of concern, Prof Ayyappan said. He said that the world is facing a major crisis and the only way to survive is to take immediate action. He called for a global effort to reduce carbon emissions and protect the environment. Prof Ayyappan is a leading expert on climate change and has written several books on the subject. He is also a member of the Intergovernmental Panel on Climate Change (IPCC).

प्रगतिशील कृषकों हेतु दो दिवसीय आईपीएम ओरिएंटेशन एचआरडी कार्यक्रम का शुभारंभ

लखनऊ 3 : जिला वैज्ञानिक विंग कलन

प्रगतिशील कृषकों हेतु दो दिवसीय आईपीएम ओरिएंटेशन एचआरडी कार्यक्रम का शुभारंभ

जिला वैज्ञानिक विंग कलन

प्रगतिशील कृषकों हेतु दो दिवसीय आईपीएम ओरिएंटेशन एचआरडी कार्यक्रम का शुभारंभ

सिन्धु न्यूज लखनऊ

बदलते कलचयु परिदृश्य में बाजरा के उत्पादन और मूल्यवर्धन के लिए राष्ट्रीय संघोष्ठी द्वारा रिलीज की गईयह संघोष्ठी

बाजरा के उत्पादन और मूल्यवर्धन के लिए राष्ट्रीय संघोष्ठी द्वारा रिलीज की गईयह संघोष्ठी

फरेस्टीपुर में एक दिवसीय प्रशिक्षण कार्यक्रम का किया गया आयोजन

लखनऊ : फरेस्टीपुर में एक दिवसीय प्रशिक्षण कार्यक्रम का किया गया आयोजन। कार्यक्रम में भाग लेने वाले कृषकों को बाजरा की खेती के बारे में जानकारी दी गई। कार्यक्रम में भाग लेने वाले कृषकों को बाजरा की खेती के बारे में जानकारी दी गई।



बाजरा बाजारों द्वारा संचालित प्रशिक्षण कार्यक्रमों के बारे में जानकारी दी गई। कार्यक्रम में भाग लेने वाले कृषकों को बाजरा की खेती के बारे में जानकारी दी गई।

कृषि कार्यानुभव कार्यक्रम आयोजित

सिधौली/सीतापुर। इंटीग्रल विश्वविद्यालय लखनऊ में आयोजित कृषि स्नातक चतुर्थ वर्ष की छात्राओं का श्रामोण कृषि कार्यानुभव कार्यक्रम कृषि विज्ञान केंद्र अम्बरपुर द्वारा संचालित किया गया।



श्री अन्न (मिलेट्स) के उत्पादन एवं मूल्य संवर्धन पर राष्ट्रीय संघोष्ठी का आयोजन 29 सितम्बर को

अमर उजाला लखनऊ, लखनऊ

प्राथमिक विद्यालय टिकौली में जागरूकता कार्यक्रम आयोजित किया। कार्यक्रम में भाग लेने वाले छात्रों को बाजरा की खेती के बारे में जानकारी दी गई। कार्यक्रम में भाग लेने वाले छात्रों को बाजरा की खेती के बारे में जानकारी दी गई।

कश्मीरी बेर की खेती में समीर रहे अब्दुल

अमृत विचार जयलरोड-बाराहमंडी

जयल विकास खंड के किसानों ने एक बार फिर प्रदेश में जिले का नाम रोशन किया है। कश्मीरी बेर की खेती के लिए समीर को प्रदेश में पहला स्थान मिला है। यहाँ बेर एपल की खेती के लिए फरीद को प्रदेश में तीसरा स्थान मिला है। जिले के जयल विकास खंड के किसानों ने जयल के किसान को सम्मानित करती रजपटल। एपल की खेती करते हैं। रविवार पेटेल ने प्रदर्शनी का निरीक्षण को राबधवन लखनऊ में प्रदर्शनी किया। साथ ही लागत और पैदावार का भी निरीक्षण किया।



बाद किसानों को सम्मानित किया। अमर को प्रदेश में पहला, मुसल मोहम्मद और फरीद को तीसरा स्थान मिला। रजपटल ने प्रथम स्थान देने वाले समीर को 51 हजार रुपए की नकदी देकर सम्मानित किया। राबधवन ने लगे लौन प्रकार के प्रदर्शनी का निरीक्षण किया। साथ ही उद्यान विभाग की ओर से अन्य सहायता उपलब्ध कराने की बात कही। इस दौरान उद्यान सहायक आरके वर्मा,

पृथ्वी दिवस : इंटीग्रल यूनिवर्सिटी, लखनऊ में राष्ट्रीय संघोष्ठी का आयोजन

लखनऊ : पृथ्वी दिवस का आयोजन इंटीग्रल यूनिवर्सिटी, लखनऊ में राष्ट्रीय संघोष्ठी का आयोजन। कार्यक्रम में भाग लेने वाले छात्रों को पृथ्वी की रक्षा के बारे में जानकारी दी गई। कार्यक्रम में भाग लेने वाले छात्रों को पृथ्वी की रक्षा के बारे में जानकारी दी गई।



श्री अन्न (मिलेट्स) के उत्पादन एवं मूल्य संवर्धन पर राष्ट्रीय संघोष्ठी का आयोजन 29 सितम्बर को

अमर उजाला लखनऊ, लखनऊ

श्री अन्न (मिलेट्स) के उत्पादन एवं मूल्य संवर्धन पर राष्ट्रीय संघोष्ठी का आयोजन 29 सितम्बर को

अमर उजाला 123 छात्रों को मिले स्वर्ण और रजत पदक

अमर उजाला लखनऊ, लखनऊ

अमर उजाला 123 छात्रों को मिले स्वर्ण और रजत पदक

2 सातक छात्रों ने 2 सातक रौपसी खेती कि कटीरिया

अमर उजाला लखनऊ, लखनऊ

2 सातक छात्रों ने 2 सातक रौपसी खेती कि कटीरिया



IIAST Faculty & Staff invited at various National Television Channels as experts

OUR VISITORS: BREAKING BARRIERS & BUILDING BRIDGES

IIAST is fortunate enough to hold frequent visits of many national and international eminent dignitaries adoring their words of praise and sharing of great experience of our academic, research and farm units. Some of our most eminent visitors are as follows:



Dr. Khadar Vali (The Millet Man of India)



Dr. Rajendra Singh Paroda, Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India



Prof. Botir Usmonov, Rector, TCTI, Uzbekistan and Prof. Nortoji Ho'jamshukurov, Professor, Tashkent Chemical Technology Institute, Uzbekistan



Her Excellency Ms. Stella Budriganya, Ambassador of Burundi



His Excellency Mr. Ahmad Sule, High Commissioner of Nigeria



Prof. A.S. Ayappan, Ex-Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India



Prof. Punjab Singh, Ex-Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India



Dr. Trilochan Mohapatra, Director General, Indian Council of Agricultural Research (ICAR), Government of India and Secretary, Department of Agricultural Research & Education (DARE)



Dr. Sanjay Singh, Director General, Uttar Pradesh Council of Agricultural Research (UPCAR)



Padma Shri Krishna Lal Chadha, Deputy Director General (Horticulture), Indian Council of Agricultural Research (ICAR), Government of India.



Prof. Akhtar Haseeb, Ex-Vice-Chancellor, Acharya Narendra Deva University of Agriculture and Technology, Faizabad



Dr. A. Arunachalam, Director, ICAR-Central Agroforestry Research Institute



Mr. Pradeep Bhatnagar (IAS), Agriculture Production Commissioner, U.P.



Mr. Vinod Kumar Pandit Singh, Minister of Agriculture, U.P.



Prof. Charles Lyndsay Wilson, Founder of the WORLD FOOD PRESERVATION CENTER



Prof. Gaya Prasad, Ex-ADG, ICAR



Prof. J. S. Sandhu, Deputy Director General (Crop Science), ICAR, New Delhi



Dr. M. J. KHAN, Chairman, Indian Chamber of Food and Agriculture; Padam Shri Prof. Palpu Pushpangadan, Director General, Amity Institute for Herbal and Biotech Products Development (AIHBPD) & Senior Vice President Ritnand Balved Education Foundation (RBEF), New Delhi; Prof. Sushil Solomon, Vice Chancellor, Chandra Shekhar Azad University of Agriculture & Technology (CSAUA&T), Kanpur; Prof. M. K. J. Siddiqui Khan, Director, Council of Science & Technology, UP, Lucknow; Prof. Rajendra Kumar, Director General, U. P. Council of Agricultural Research (UPCAR), Lucknow



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Padma Bhushan Prof. (Dr.) R B Singh, Chancellor, Central Agricultural University, Imphal



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Prof. Yang Rui Li, Chinese Academy of Agricultural Science, Guangxi Academy of Agricultural Sciences, Nanning 530007, China



Shri R. K. Singh, ADA Extension, Directorate of Agriculture, U.P.



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Shri Vivek Kumar Singh, Director, Directorate of Agriculture, U.P.



Dr. Bijendra Singh Vice-Chancellor, Acharya Narendra Deva
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Dr. R.C. Agrawal Deputy Director General (Agricultural Education), ICAR



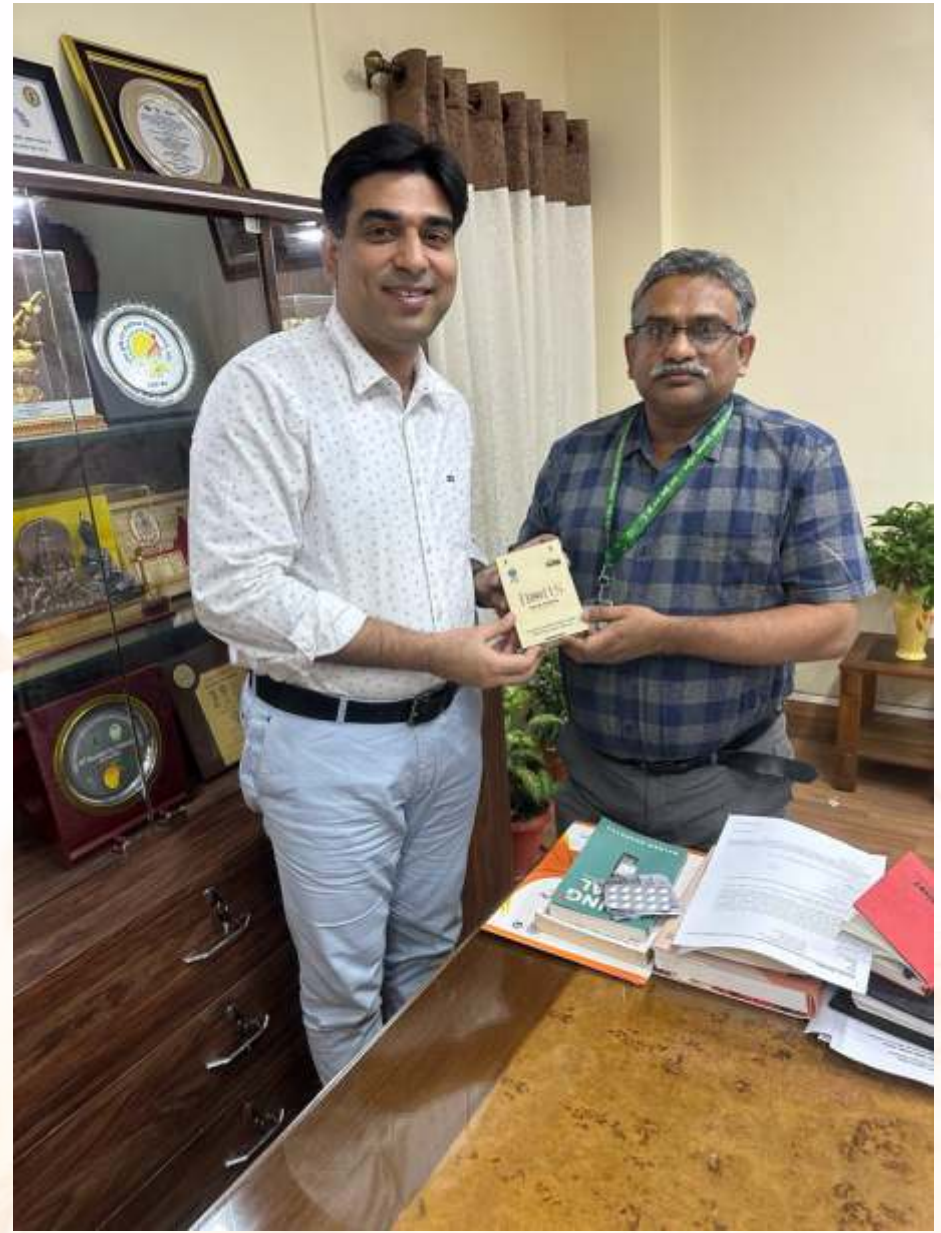
Dr. P. K. Singh, Agriculture Commissioner, Government of India



Dr. G. Venkateshwarlu, ADG (EQA & R), ICAR, New Delhi



Prof. Nazeer Ahmed, Vice Chancellor, Sher-e-Kashmir
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Shri Rajnath Singh, Hon'ble Union Minister of Defence, Government of India, New Delhi
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His Excellency Mr. Ahmad Sule The High Commissioner of Nigeria to India.



Her Excellency Ms. Stella Budriganya, Ambassador of Burundi



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Dr. R.C. Agrawal, Deputy Director General (Agricultural Education), ICAR, New Delhi



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The Department of Agriculture at our institute takes immense pride in achieving exceptional placement outcomes for its students. Our dedicated placement cell collaborates with leading agricultural enterprises, research institutions, and agribusinesses to secure promising career opportunities. Through strategic industry tie-ups and rigorous training programs, we ensure our students are well-prepared and equipped with the skills demanded by the agricultural sector. Our success in placements underscores our commitment to nurturing skilled professionals who contribute to the advancement of agriculture. Embark on a fulfilling voyage where academic excellence intersects with professional triumph.



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Since the establishment of IIAST in 2014 the Department of Agriculture has grown horizontally and vertically. At present the Department of Agriculture is having students from across the globe in many of the courses offered in the department. IIAST has received Indian Council of Agricultural Research (ICAR) accreditation for B.Sc. (Hons) Agriculture in 2024 which is first in the region of Lucknow. A rich cultural, skilful, and technological diversification is evident to the visitors. We have MoUs with ICAR - Agricultural Technology Application Research Institute (ATARI), Kanpur, Krishi Vigyan Kendras (KVKs), Indian chamber of food and Agriculture (ICFA), Mendel University in Brno, Czech Republic, World Food Preservation Centre LLC, Washington DC, Agriculture faculty of Paktia university, Paktia, Afghanistan, Uttar Pradesh Council Of Agricultural Science and Technology, Institute of Microbiology of the Academy of Sciences of the Republic of Uzbekistan Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow, ICAR-National Bureau Of Fish Genetic Resources and ICAR -Indian Institute of Sugarcane Research. IIAST is actively involved in organising awareness and training campaigns in the form of Kisan Pathsala/Kisan Goshti for the upliftment and betterment of farming community. The Department also holds funded projects of more than 20 Lakhs INR from UPCAR. Apart from these, international patents have been granted and number of research papers in highly indexed journal have been published by our faculty members and research scholars.





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