#SoWhereAreYou?

SHARDA UNIVERSITY
Beyond Boundaries

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SHARDA GROUP

SGI | SHARDA HOSPITAL SCHOOL OF MEDICAL SCIENCES & RESEARCH | SHARDA TECH | SHARDA LAUNCHPAD | MAXWELL BIOTECH | RSPL

ShardaUniversity | sharda_uni | sharda_university | sharda-university | shardauniversity

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SHARDA UNIVERSITY
Beyond Boundaries

MAKING EDUCATION / WORK

FOR ENDLESS POSSIBILITIES IN

AGRICULTURE

SCHOOL OF AGRICULTURAL SCIENCES

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SHARDA UNIVERSITY

Experience the joy of being a part of India's truly global university

14 MULTI-DISCIPLINARY SCHOOLS
Schools of Engineering, Management, Law, Architecture, Medical, Dental, Nursing, Pharmacy, Allied Health, Basic Sciences, Agriculture, Media, Film & Entertainment, Education and Humanities & Social Sciences.

1000+ FACULTY WITH GLOBAL EXPERIENCE
Students learn from distinguished faculty from USA, UK, Greece, Singapore, Ireland, Germany, Italy, China, Finland & India among others.

UPTO 100% SCHOLARSHIP. 2549 STUDENTS STUDYING WITH SCHOLARSHIP AND FREESHIP WORTH RS.19.27 CRORE
Scholarships include Academic, SGI, Defence, Sibling, Art & Culture, Sports & Innovation Scholarship

MULTIPLE AVENUES FOR RESEARCH
Students do live projects in collaboration with top institutions like DRDO, MSME, DST, DBT, INSA and USAID.

OPPORTUNITY TO LAUNCH STARTUPs
100% Scholarship and Rs.10 lac seed money is offered for Student StartUps through various programmes like Next StartUp, Syncubator and Xcelerator.

LEADING THE WAY IN EMPOWERING WOMEN THROUGH EDUCATION
Delhi-NCRs only University with 44% female students

Rated by nirf

Accredited by National Assessment and Accreditation Council

Awarded QS I·GAUGE GOLD SHARDA UNIVERSITY QS I·GAUGE 2020

Rated by GREAT PLACE TO STUDY

Awarded QS I·GAUGE

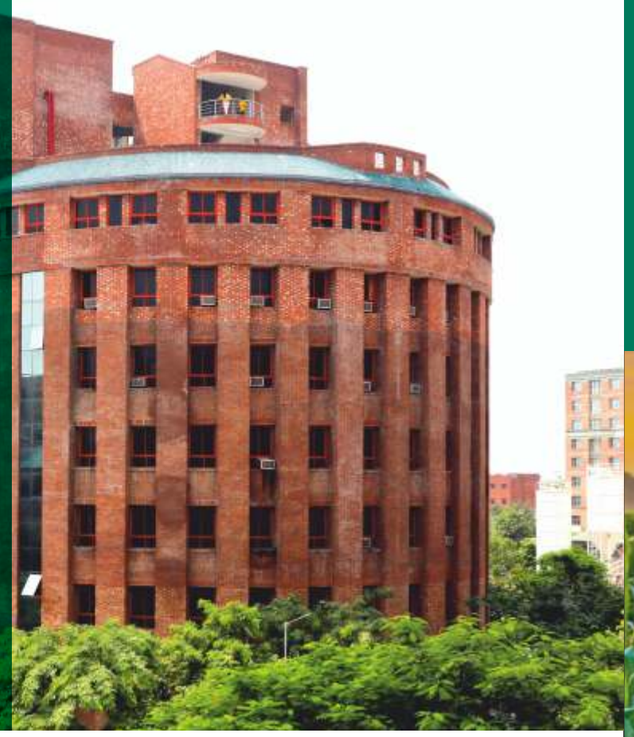
Sharda University has over the years become one of the leading centres of education, research and innovation in Delhi NCR region. Established through an act of State Legislature of Uttar Pradesh (14 of 2009), Sharda University offers over 216 UGC recognised programme/plans in various disciplines. It's a part of the renowned Sharda Group with operations in areas like Education, Healthcare and IT.

Being the only global university in India that has seen students from 85+ countries experience world-class facilities, and having 250+ global academic partnerships, Sharda University offers a truly international learning environment. That's why it says, **"The World is Here, Where are You?"**

AMONG
TOP 10 PVT. UNIVERSITIES IN NORTH INDIA
(BAND A+ BAND B) for achievements in innovation
As per ARIIA rankings 2020 by the Govt. of India

SHARDA IS
RANKED 5TH IN INDIA
in the number of patents granted
As per India Today issue dated 10th August, 2020

AGRICULTURE EDUCATION AT SHARDA



The Department of Agricultural Sciences, established in the year 2017 has been elevated to the status of School of Agricultural Sciences in2020 and is envisioned to be an academic and research centre of global standards. The School aspires to set the best agricultural practices for the farming community and promote science-led, eco-friendly, sustainable agricultural growth through education and participatory research. With the knowledge and support of recent technological advancements in India and the world, the School envisages making the students next generation leaders capable of making interventions and innovations at grower, community, institution and industry levels.

KEY FACTS & FIGURES

- One of the leading Schools for Agricultural Sciences in Delhi NCR.
- All faculties are from reputed institutions of India and abroad.
- Students from all over India and 10 foreign countries.
- Well equipped laboratories and research facilities.
- Well-developed crop cafeteria, apiary unit, vermicomposting, NADEP facility etc. within the campus.
- On-campus separate area for crop cultivation and doing agri-based research.
- An instructional farm is also available near the main campus.
- Faculty: Students Ratio-1:15 with Core Faculty and 1:9 including eminent Associate Faculty.
- Through Sharda Organics, students get a first-hand experience of producing, packaging, pricing and selling various kinds of raw and semi-processed farm produce.
- Mushroom House, Polyhouses and Students' Experiential Learning cum Innovation Centre.

UNIQUENESS WHICH FUELS AMBITIONS

School of Agricultural Sciences offers a unique global environment with students from different countries and continents studying in the same classroom. This gives students an opportunity to interact with and learn from their peers from other countries and to make long term professional associations internationally.

SAS strives hard to deliver high-quality research work, interactive learning and excellence in teaching and learning.

Tie-up with 250+ leading global Universities for student exchange and research in various areas.

Seminars, workshops, conferences as well as special guest lectures are organized to give students a firsthand experience of new development in agricultural sciences.

Separate library, laboratories, crop cafeteria, well-equipped classrooms, and workshops for hands-on training of the students.

School of Agricultural Sciences is well-equipped with spacious smart classrooms and 12 laboratories, auditorium and other infrastructure to provide quality teaching and research opportunities for the students.

The highly qualified and widely travelled faculty members at SAS not only have the insightful experience but are also involved in R&D to devise new theories and adopt pragmatic approach.

12 laboratories have been established for conduct of several practical exercises of Agriculture and Horticulture students, as well as taking up minor research projects.

A number of research and development activities are conducted in the School to give students and faculty insight into the future.

DEAN MESSAGE

"School of Agricultural Sciences acts as a platform where the intellectual and creative attributes of future scientists are developed and enhanced. The School emphasizes upon the overall development of students so as to enable them to become effective leaders of tomorrow."

Prof. H.S. Gaur
Dean, School Of Agricultural Sciences
LL.B. , M.Sc., Ph.D.

Prof. H.S. Gaur is an eminent nematologist, teacher, researcher and manager of higher education institutions. He earned his M.Sc. and Ph.D. degrees with Golden Jubilee Medal at Indian Agricultural Research Institute, New Delhi in 1975. He carried out post-doctoral research in England. He was a Visiting Scientist at Rothamsted Research, UK.; Project Coordinator; Head of the Division of Nematology; Dean, Post-Graduate School & Joint Director, ICAR- IARI, New Delhi and Vice-Chancellor, SVPUAT, Meerut, before joining Sharda University in November, 2017. He helped in establishment of India-supported agricultural university in Afghanistan and research institutes in Myanmar and Nigeria. He has over 340 publications to his credit including 142 research papers, 45 review articles, 9 books, 2 video films. He received several national and international awards and has been President, Vice-President, Chief Editor and Fellow of three national and two international professional societies.

FACULTY THAT'S TRULY INSPIRING

Mr. Alok Gupta, Adjunct Professor (Agriculture)
M.Sc. (Agri.), MBA, PGDRM, PGDAEM,
Prof. Alok Gupta earned his Master's Degree in Agriculture from the leading Agricultural University of Asia GBPUA&T, established by University of Illinois in India, in 1981 with distinction. He worked at a large Indian corporate business house as Forest Officer and moved to Swiss Multi National Company Ciba-Geigy as R&D Officer.

Dr. Kusumakar Sharma, Professor
M.Sc., Ph.D.
Prof. Sharma has a long & illustrious career as Assistant Director General (HRD), Indian Council of Agricultural Research (ICAR), New Delhi; Senior Scientist, Central Institute for Research on Goats, Makhdoom; Senior Scientist and Principal Scientist, Indian Veterinary Research Institute (IVRI) among others.

Dr. Saleem Siddiqui, Professor
M.Sc., Ph.D., P.D.F.
35 years' experience in teaching and research. Post-doctorate from Germany. Ex-Dean and Head CCS Haryana Agricultural University, Hisar. Authored more than 150 research papers and guided 34 M.Sc. and 5 Ph.D. students. Handled different projects awarded by ICAR, DST, and MoFPI.

Prof. D.S. Rana, Distinguished Professor
M.Sc., Ph.D.
Dr. Rana started his career as Agricultural Development Officer, State Govt. of Haryana, followed by Technical Officer, Indian Council of Agricultural Research, New Delhi, He joined the position of Scientist at ICAR-IARI and rose to the position of Principal Scientist/Professor, Agronomy till his superannuation in January, 2017.

Prof. SVS Chaudhary, Professor
M.Sc, Ph.D.
Dr. Chaudhary obtained his Ph.D. in Floriculture, M.Sc. Horticulture (FLS) and B.Sc. (Hons.) Agriculture from CCS Haryana Agricultural University, Hisar. He worked as Principal Scientist (FLA) at Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan-HP before joining Sharda University in September,2020.

Dr. Dolly Wattal Dhar, Professor
M.Sc, Ph.D.
She worked as Principal Scientist at Centre for Conservation and Utilisation of Blue Green Algae and as Professor at Division of Microbiology, IARI. She has been working on various aspects of cyanobacteria and other microalgae for last thirty years.

Dr. Uzma Manzoor, Assistant Professor
M.Sc, Ph.D.
Dr. Manzoor obtained her Ph.D. in Plant Protection from AMU, Aligarh and qualified NET. She was a DST-Inspire Fellow and has received two university gold medals. She has published 16 research papers, 3 book chapters, 5 lead papers and a book.

Dr. Sunil Kumar Jaiswal, Assistant Professor
M.Sc, Ph.D.
M.Sc. (Biotechnology) from Himachal Pradesh University, Shimla and Ph.D (Biotechnology) from Kumaun University, Nainital. Qualified ICAR-NET in the discipline of Agricultural Biotechnology. He worked as Sr. Research Fellow at Division of Genetics, ICAR-Indian Agricultural Research Institute, New Delhi.

Dr. Pradip Tripura, Assistant Professor
M.Sc, Ph.D.
He has obtained his Ph.D. in Soil Science in Junagadh Agricultural University. He has qualified ICAR JRF/SRF. He was awarded NFST under UGC. He joined Sharda University in 2019.

Dr. Chongtham Allaylay Devi, Assistant Professor
M.Sc, Ph.D.
Awarded the ICAR-JRF for her MSc. (Hort.) Fruit Science at UHS, Karnataka in 2014. She was Awarded National Fellowship under UGC, ICAR-PGS-SRF and pursued her Ph.D. at IGKV, Raipur and qualified ARS-NET. She has received one University Gold Medal.

Dr. Astha Gupta, Assistant Professor
M.Sc, Ph.D, Post Doc
She worked as Principal Investigator at Department of Botany, University of Delhi and received Ph.D. in (Biological Science) from Academy of Scientific and Innovative Research–National Botanical Research Institute (AcSIR-NBRI), CSIR Lucknow.

Dr. Ashutosh K Pandey, Assistant Professor
M.Sc, Ph.D.
M.Sc. in Botany from BHU. He received Ph.D. degree in Biology from University of Eastern Finland. Dr. Pandey has received three prestigious postdoctoral fundings from organizations like UGC, Agricultural Research Organization, Volcani, Israel and Estonian Research Council, Estonia.

Ms. Swati Hazra, Assistant Professor
M.Tech, Ph.D.
Ms. Swati Hazra has pursued her doctoral research from IIT Kharagpur. After qualifying for GATE 2012, she completed her M.Tech. in Agricultural Systems and Management from IIT Kharagpur and joined the Ph.D. program with an institute fellowship (MHRD, Govt. of India).

Ms. Pallavi Singh, Assistant Professor
M.Tech, Ph.D. (Degree Awaited)
She is a trained agriculture research professional with 6.5 years of experience in climate change adaptation in sustainable crop production including soil health, greenhouse gas emission estimation, crop growth, and crop model yield simulation.

Dr. Amit K. Das , Assistant Professor
M.Sc., Ph.D
10+ years of experience in academic and industrial R&D. Expertise in extraction & analytical sciences of bioactive molecules, developing and commercializing value added products and Quality Assurance. He has publications in form of research papers and book chapters to his credit with international publishers of repute.

Dr. Savita Devi, Assistant Professor
Ph.D.
Ph.D. in Food Science and Technology from National Institute of Food Technology Entrepreneurship & Management (NIFTEM), Haryana, India. Her present area of interest includes healthy foods and cereal science. She has authored and co-authored several articles in different reputed journals.

B.Sc. (Hons.) AGRICULTURE

The course curriculum of the professional B.Sc. (Hons.) Agriculture, is based on the nationally adopted Choice Based Course Curricula recommended by the University Grants Commission (UGC), National Education Policy (NEP) and the Fifth Deans Committee of the Indian Council of Agricultural Research (ICAR). These programmes include about 184 credit hours of theory, practical and on-farm projects and exposure over 8 semesters. The students are required to take open electives and Community Connect Courses. The are also free to study about 30 % credit hours from other disciplines of their interest in any other school of the University or from other places including MOOCS, NPTEL etc. any other institutions approved by Sharda University. The curriculum includes knowledge of fundamental and applied aspects of modern scientific instrumentation, machinery and techniques in plant and animal based farming systems, land surveying, soil and water resource management, livestock and poultry management, basics of biotechnology, sociology, economics, Agri-Business, extension etc. The students are trained to solve problems of agricultural and open field and protected enclosed horticultural systems, manage processes and products in public and private sectors. They may also go for higher education in India or abroad. The thrust is to evolve bio-safe and eco-friendly high value agricultural production systems, with periurban and commercial orientation.

ELIGIBILITY FOR ADMISSION (FOR NATIONAL STUDENTS)	ELIGIBILITY FOR ADMISSION (FOR INTERNATIONAL STUDENTS)
• Sr. Secondary (10+2) with minimum 55% marks in PCB/PCM/ Agriculture. • Proficiency in English Communication	The eligibility criterion for all programmes for international applicants is minimum 50% in the qualifying examination and having studied the pre-requisite subjects for admission in to the desired programme.

M.Sc. AGRICULTURE (AGRONOMY)

Minimum two years. Finer specialization will be in Agronomy and in other disciplines depending upon availability of faculty and research interests of the School. The programme will include a total of 90 credits, of which 30 will be devoted to research work for thesis. The 50 credit coursework will include fundamental and advanced courses, community connect, MOOCs etc.

ELIGIBILITY FOR ADMISSION
B.Sc. (Ag.)/ B.Sc. (Hons.) Ag. with minimum 55% marks or CGPA 6.5 out of 10 from a duly recognized University. For those with 3 year B.Sc. (Ag.) degree there will be one year of remedial courses of 40 Credit hours. The minimum duration will be two years for those with 4 year while those with 3 year B.Sc. (Ag.) will study one year remedial courses.

RESEARCH & DEVELOPMENT CENTRIC ACTIVITIES

A number of activities are being carried in the school. Expert talks by eminent Indian like Prof. H.S. Gupta (Former Director General, BIRSA), Padma Shri V.P. Singh (Famous rice breeder) and Foreign Scientists like Prof. Rudolph M. Beaudry from Michigan State University, USA, Prof. Richard Sikora from INRES, University of Bonn, Germany, Prof. Keith Davies from University of Hertfordshire, UK, to name a few, have been conducted. The students express their ideas in through innovative models, debates and group discussions.

FUTURE PROSPECTS

- Higher education leading to Masters, Management and Doctorate Programmes in India or abroad.
- Employment as managers/officers/technicians in various Government and Non-Government institutions including academics, research, fertilizer, pesticides or seed industry, etc.
- Self employment in agri-clinics, consultancy or in banking, forestry and administrative civil services not only in India but abroad also.
- Dhanuka Agritech Ltd. will employee the students of PG Diploma in Plant Protection as per the memorandum submitted.

EVENTS | FIELD WORK | VISITORS

Dr. Rudolph M. Beaudry, Professor of Horticulture, Michigan State University, USA in campus for interaction with students

Felicitation of the faculty for research activities by Farming for All, Greater Noida

Expert talk by Dr. Naved Sabir, Principal Scientist, IARI, New Delhi

Student-Faculty with Chief Guest, Dr. Naved Sabir

CROP CAFETERIA DEVELOPED IN SHARDA UNIVERSITY

ACHIEVEMENTS THAT SET THE TONE

MS. AASTHA DUBEY B.Sc. Hons. (Agri)
ARMON International Pvt. Ltd.

MR. PRASUN K. SINGH B.Sc. Hons. (Agri)
ARMON International Pvt. Ltd.

MS. AMBIKA SINGH B.Sc. Hons. (Agri)
Nova Agri Tech Limited

MR. AMAN KUMAR B.Sc. Hons. (Agri)
ARMON International Pvt. Ltd.

MS. RIMI MANDAL B.Sc. Hons. (Agri)
Nova Agri Tech Limited

MR. NAGMANI KUMAR B.Sc. Hons. (Agri)
ARMON International Pvt. Ltd.

MS. SONI KUMARI B.Sc. Hons. (Agri)
HCL Training and Staffing Services Pvt. Ltd.

MS. TANYA RAJ B.Sc. Hons. (Agri)
HCL Training and Staffing Services Pvt. Ltd.

MS. SUKRITI SHARMA B.Sc. Hons. (Agri)
Nova Agri Tech Limited

MS. SHREYASHREE DAS B.Sc. Hons. (Agri)
Nova Agri Tech Limited

MR. ASHISH B.Sc. Hons. (Agri)
Sheel Biotech

MR. SHIVAM B.Sc. Hons. (Agri)
Sheel Biotech

MR. SOMANSH PRAKASH B.Sc. Hons. (Agri)
FieldKing