

Agriculture & Allied Sciences

Course Description and Career Prospects



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Agriculture and Allied Sciences Course Description and Career Prospects

Agriculture and Allied Sciences Course Description

India, the land of agriculture, always needs skilled professionals in the field of Agricultural Research and Development. This field, a broad spectrum of various sciences, deals with crop cultivation and harvesting, innovative technologies and advancements in farming methods, designing advanced tools and equipment for farming, research and development of hybrid crops and genetically modified foods, and improving the quality of crop products. It encompasses Crop farming, Forest development and conservation, Agricultural Biotechnology, Agricultural Technology, Agricultural Economics, Plant Breeding and Genetics, Seed Technology, Soil Science, and Agricultural Chemistry, making it an ideal choice for students with diverse scientific interests.

Available Degrees

- B.Sc. (Agriculture) 4 Year 10+2 with PCM/B (Bachelor of Science (Agriculture))
- B.Sc. (Sericulture) 4 Year 10+2 with PCM/B (Bachelor of Science (Sericulture))
- B.Sc. (Horticulture) 4 Year 10+2 with PCM/B (Bachelor of Science (Horticulture))
- B.Sc. (Forestry) 4 Year 10+2 with PCM/B (Bachelor of Science (Forestry))
- B.Sc. (Community Science) 4 Year 10+2 with PCM/B (Bachelor of Science (Community Science))
- B.Sc. (Food Nutrition & Dietetics) 4 Year 10+2 with PCM/B (Bachelor of Science (Food Nutrition & Dietetics))
- B.Tech. (Agriculture) 4 Year 10+2 with PCM/B (Bachelor of Technology (Agriculture))
- B.Tech. (Food Technology) 4 Year 10+2 with PCM/B (Bachelor of Technology (Food Technology))
- B.Tech. (Dairy Technology) 4 Year 10+2 with PCM/B (Bachelor of Technology (Dairy Technology))
- B.Tech. (Biotechnology) 4 Year 10+2 with PCM/B (Bachelor of Technology (Biotechnology))
- Diploma + B.Tech 6 Year 10th Pass with 60% (Integrated Diploma & Bachelor of Technology)

Specializations

- Agricultural Economics
- Agronomy
- Dairying
- Food Technology
- Irrigation & Drainage Engineering
- Plant Pathology
- Soil & Water Engineering
- Agricultural Extension Education
- Biochemistry
- Entomology
- Fruit Science
- Livestock Products Technology
- Processing & Food Engineering
- Soil Science

- Agricultural Meteorology/
 Agrometeorology
- Biotechnology
- Farm Machinery & Power Engineering
- Horticulture
- Microbiology
- Remote Sensing & Geographic Information System
- · Vegetable Science
- Agriculture
- Dairy Science & Technology
- Floriculture
- Human Nutrition
- Plant Breeding & Genetics







Agriculture Entrance Exams in India

Exams for Agriculture Sciences	For Admission to	Website
JEE Main- Paper	B.Tech. in Agriculture,	http://www.jeemain.
1 (Joint Entrance	Biotech, Food Tech., Dairy	nta.nic.in/
Examination)	Tech. courses offered	
	by State Engineering	
	Colleges for Participating	
	States and Other	
	Participating Institutions	
ICAR-AIEEA UG	Agriculture and Allied	https://icar.nta.ac.in/
(All India Entrance	Science courses at	
Examination for	Agricultural Universities	
Admission)	across India	
CUET (UG) (Common	For admission in	https://cuet.samarth.
University Entrance	Agriculture and Allied	ac.in/
Test)	Science courses at	
	Central, Public and	
	Private Universities who	
	have opted to take UG	
	admissions through CUET	
	across India	
TNAU	No Entrance Examination	www.tnau.ac.in
	Cut of Mark of 12th Std	



Exams for	For Admission to	Website
Agriculture and		
Allied Sciences		
GBPUAT-CEE	B.Sc. (Hons) Agriculture/Horticulture/	https://gbpuat.
(Common Entrance	Forestry/Community Science/B.Tech.	ac.in/
Exam)	Food Technology at GBP University of	
	Agriculture and Technology, Uttarakhand	
AP-EAPCET (AM	B.Sc. Agriculture/Horticulture, B.Tech.	https://sche.
Category) (Andhra	Biotechnology/Food Technology across	ap.gov.in/
Pradesh Engineering,	Agriculture Universities in Andhra	EAPCET
Agriculture Pharmacy	Pradesh	
Common Entrance		
Test)		
AP-EAPCET (E	B.Tech. in Biotechnology/Agriculture	https://sche.
Category) (Andhra	Engineering/Food Technology/	ap.gov.in/
Pradesh Engineering,	Dairy Technology across Agriculture	EAPCET
Agriculture &	Universities in Andhra Pradesh	
Pharmacy Common		
Entrance Test)		
AGRICET	B.Sc. Agriculture program at Acharya	https://angrau.
(Agriculture Common	N.G. Ranga Agricultural University,	ac.in/
Entrance Test)	Guntur	

AGRICULTURE **ENTRANCE TESTS**

CETUG-AAU	B.Sc. Agriculture, Horticulture,	http://www.
(Common Entrance	Sericulture, Food Nutrition & Dietetics	aau.ac.in/
Test)	and Community Science Programs at	
	Assam Agriculture University, Jorhat	
BCECE (Bihar	B.Sc. Agriculture/Horticulture, B.Tech. in	https://
Combined Entrance	Agriculture/Dairy/Biotechnology across	bceceboard.
Competitive Exam)	Agriculture Universities in Bihar	bihar.gov.in/
CG-PAT (Pre	B.Sc. Agriculture/Horticulture across	https://cgkv.
Agriculture Test)	Agriculture Colleges in Chhattisgarh	ac.in/
CG-PET (Pre	B.Tech. Agriculture/Dairy Technology	https://cgkv.
Engineering Test)	across Agriculture Colleges in	ac.in/
	Chhattisgarh	
GUJCET (Gujarat	B.Sc. Agriculture/Horticulture/Forestry/	https://gujcet.
Common Entrance	Food Nutrition & Dietetics/Biotech,	gseb.org/
Test)	B.Tech. in Agriculture/Dairy/Food	
	Technology programs across Agriculture	
	Universities in Gujarat	
HAU-AAT (Haryana	2+4 year B.Sc. Agriculture across	https://hau.
Agriculture University	Agriculture Colleges in Haryana	ac.in/
Agriculture Aptitude		
Test)		
HAU-ET (Haryana	B.Sc. Community Sc. across Agriculture	https://hau.
Agriculture University	Colleges in Haryana	ac.in/
Community Sc.		
Entrance Test)		



HAU-ET (Haryana	B.Sc. Agriculture across Agriculture	https://hau.
Agriculture University	Colleges in Haryana	ac.in/
Agriculture Entrance		
Test)		
SKUAST-J CET	B.Sc. Agriculture, B.Tech. Biotechnology	https://skuast.
(Common Entrance	courses at SKUAST Jammu	org/
Test)		
SKUAST-K CET	B.Sc. Agriculture, Forestry, Horticulture,	https://
(Common Entrance	Sericulture B.Tech. Agriculture	skuastkashmir.
Test)	Engineering courses at SKUAST Kashmir	ac.in/
JCECE (Jharkhand	B.Sc. Agriculture, Forestry, Horticulture,	https://jceceb.
Combined Entrance	B.Tech. Agriculture Engineering, Dairy	jharkhand.gov.
Competitive	Technology courses within the State of	in/
Examination)	Jharkhand	
KEA-CET (Karnataka	B.Sc. Agriculture, Sericulture,	https://
Examination Authority	Horticulture, Forestry, Community	cetonline.
Common Entrance	Sc., B.Tech. Bio Technology, Food	karnataka.gov.
Test)	Technology, Dairy Tech, Food Science &	in/kea/
	Tech., Agri. Engg. courses in Karnataka	
KEAM (Kerala	B.Sc. Agriculture, Forestry, B.Tech.	https://cee.
Engineering,	Dairy Tech., Food Tech., Agriculture	kerala.gov.in/
Architecture and	Engg., Biotechnology Courses in various	
Medical Entrance	colleges in Kerala	
Exam)		





Rank	Top 57 Agriculture and Allied Sciences Universities in India	Admission Process	Website
01	G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand	GBPUAT-CEE	https://gbpuat.ac.in/
02	Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana	HAU-ET, HAU-AAT	https://www.hau. ac.in/
03	University of Agricultural Sciences, Bangalore, Karnataka	ICAR-IEEA	https://uasbangalore. edu.in/
04	Kerala Agricultural University, Thrissur, Kerala	ICAR-IEEA	http://www.kau.in/
05	ICAR-National Dairy Research Institute, Karnal, Haryana	ICAR-IEEA	http://ndri.res.in/
06	Sher-e-Kashmir University of Agricultural Science & Technology, Jammu	SKUAST-Jammu CET, ICAR-IEEA	https://skuast.org/
07	Maharashtra Animal & Fisheries Sciences University, Nagpur, Maharashtra	MHT-CET	http://www.mafsu.in/
08	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh	JEE-Main, NEET- UG, AIPVT	https://www.jnkvv. org/
09	Anand Agricultural University, Anand, Gujarat	GUJCET	http://www.aau.in/
10	Junagadh Agricultural University, Junagadh, Gujarat	GUJCET	http://www.jau.in/
11	Sam Higginbottom University of Agriculture, Technology & Sciences, Allahabad, Uttar Pradesh	SOETAP (only for Engg.), SHUATS Counseling	http://shuats.edu.in/
12	Kerala Veterinary and Animal Sciences University, Pookode, Wayanad, Kerala	NEET-UG, KEAM	https://www.kvasu. ac.in/
13	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu	TNAU-CEE	https://tnau.ac.in/
14	Acharya N.G. Ranga Agricultural University, Guntur, Andhra Pradesh	AP-EAPCET, ICAR- IEEA	https://www.angrau. ac.in/
15	Anand Agricultural University, Anand, Gujarat	GUJCET	http://www.aau.in/
16	ICAR-National Dairy Research Institute, Karnal, Haryana	ICAR-IEEA	http://ndri.res.in/





17	Sher-e-Kashmir University of Agricultural Science & Technology, Jammu	SKUAST-Jammu CET, ICAR-IEEA	https://skuast.org/
18	Maharashtra Animal & Fisheries Sciences University, Nagpur, Maharashtra	MHT-CET	http://www.mafsu.in/
19	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh	JEE-Main, NEET- UG, AIPVT	https://www.jnkvv. org/
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22	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu	TNAU-CEE	https://tnau.ac.in/
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29	Bihar Agricultural University, Sabour, Bihar	BCECE, ICAR-IEEA	https://bausabour. ac.in/
30	University of Horticultural Sciences, Bagalkot, Karnataka	KEA-CET, ICAR- IEEA	http://www. uhsbagalkot.edu.in/
31	Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, North 24 Parganas, West Bengal	WBJEE (Engg.), ICAR-IEEA	https://www.bckv. edu.in/
32	University of Agricultural Sciences, Bangalore, Karnataka	ICAR-IEEA	https://uasbangalore. edu.in/





33	Kerala Agricultural University, Thrissur, Kerala	ICAR-IEEA	http://www.kau.in/
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53	ICAR-National Dairy Research Institute, Karnal, Haryana	ICAR-IEEA	http://ndri.res.in/
54	Sher-e-Kashmir University of Agricultural Science & Technology, Jammu	SKUAST-Jammu CET, ICAR-IEEA	https://skuast.org/
55	Maharashtra Animal & Fisheries Sciences University, Nagpur, Maharashtra	MHT-CET	http://www.mafsu.in/
56	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh	JEE-Main, NEET- UG, AIPVT	https://www.jnkvv. org/
57	Don Bosco college of Agriculture	TNAU Counselling	www.dbca.ac.in



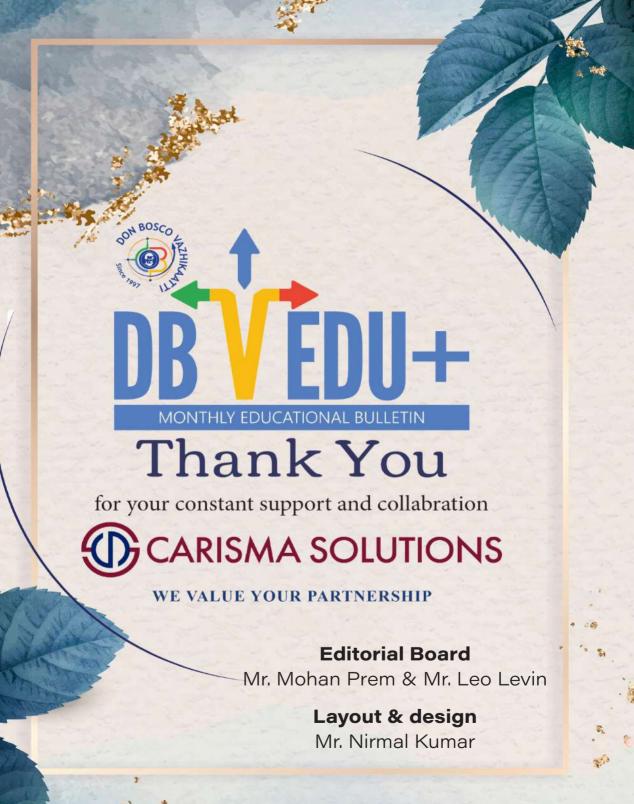


Competitive Examination website		
Ministry of Education, Government of India	www.education.gov.in	
University Grants Commission	www.ugc.gov.in	
Central Institute of Classical Tamil (CICT)	www.cict.in	
National Academic Depository	www.nad.gov.in	
All India Council for Technical Education (AICTE)	www.aicte-india.org	
SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds)	www.swayam.gov.in	
The National Testing Agency (NTA)	www.nta.ac.in	

NTA has conducted 125 examinations since its inception. NTA has conducted 26 examinations, which include: JEE (Main), NEET (UG), UGC NET, CMAT, GPAT, Joint CSIR-UGC NET, JNUEE, DUET, IGNOU OPENMAT (MBA & Ph.D.), ICAR, AIAPGET, NCHM-JEE, IND-SAT, AILET, ARPIT & SWAYAM, for admission to Undergraduate, Post Graduate / Ph.D. level Courses and fellowships. These exams cover 1,31,56,573 candidates out of which 2,48,53,420 appeared in 13 languages medium. All the exams (except NEET (UG) & AISSEE, which were conducted in Pen and Paper mode) were conducted in Computer Based Test (CBT) mode. The Common University Entrance Test (CUET) - 2022 for admission to undergraduate programmes in all Central Universities was conducted for the first time by NTA for 14,90,000 candidates.

The National Board of Accreditation (NBA)	www.nbaind.org
The National Institutional Ranking Framework (NIRF)	www.nirfindia.org
National Book Trust (NBT)	www.nbtindia.gov.in
Raja Rammohun Roy National Agency	www.isbn.gov.in
National Digital Library of India	www.ndl.itkgp.ac.in
National Internship Portal (NIP)	www.internship.aicte-india.org
Central Institute of Indian Languages	www.ciil.org
National Translation Mission (NTM)	www.ntm.org.in
Commission for Scientific and Technical Terminology	www.cstt.education.nic.in
National Council for Promotion of Urdu Language	www.urducouncil.nic.in
Indian Council of Social Science Research (ICSSR)	www.icssr.org
Indian Council of Historical Research (ICHR)	www.ichr.ac.in
Indian Council of Philosophical Research (ICPR)	www.icpr.in
Indian Institute of Advanced Study	www.ias.ac.in
Mahatma Gandhi National Council of Rural Education www.mgncre.in	

Association of Indian Universities	www.aiu.ac.in	
National Council for Teacher Education	www.ncte.gov.in	
National Institute of Open Schooling (NIOS)	www.nios.ac.in	
Council of Architecture (COA)		www.coa.gov.in
Indian Council of Historical Research (ICHR)		www.ichr.ac.in
Indian Council of Philosophical Research (ICPR)		www.icpr.in
Indian Council of Social Science Research (ICSSI	₹)	www.icssr.org
Central Board of Secondary Education (CBSE)		www.cbse.nic.in
Central Institute of Educational Technology (CIET))	www.ciet.nic.in
Central Tibetan School Administration (CTSA)		www.ctsa.nic.in
Kendriya Vidyalaya Sangathan (KVS)		www.kvsangathan.nic.in
National BalBhavan		www.nationalbalbhavan.nic.in
National Council for Educational Research and Tra	aining (NCERT)	www.ncert.nic.in
National Institute of Open Schooling (NIOS)		www.nios.ac.in
Navodaya Vidyalaya Samiti (NVS)		www.navodaya.gov.in
Board of Apprenticeship Training (BOAT)		www.boat-srp.com
National Book Trust of India		www.nbtindia.gov.in
Indian Institute of Management (IIMs)		www.education.gov.in/iims
National Institute of Technology (NITs)		www.education.gov.in/nits
Indian Institute of Technology (IITs)		www.education.gov.in/iits
Indian Institute of Information Technology (IIITs)		www.education.gov.in/iiits
Indian Institute of Science (IISc), Bangalore		www.iisc.ac.in
Indian Institute of Science Education and Researc	h (IISER), Kerala	www.iisertvm.ac.in
Indian Institute of Science Education and Researc Pradesh	h (IISER), Andhra	www.iisertirupati.ac.in
Institutions of National Importance	www.education.govimportance	v.in/institutions-national-
National Institute of Technical Teacher's Training 8 (NITTTRs), Chennai	Research	www.nitttrc.ac.in
National Institute of Educational Planning and Adn (NIEPA)	ninistration	www.niepa.ac.in
Indian Institute of Advanced Studies (IIAS)		www.iias.org
National Commission for Minority Educational Institutions		www.ncmei.gov.in
North Eastern Regional Institute of Science & Technology (NERIST)		www.nerist.ac.in
National Institute of Foundry and Forge Technology (NIFFT)		www.nifft.ac.in
National Institute of Industrial Engineering (NITIE)		www.nitie.edu
School of Planning & Architecture, Bhopal		www.spabhopal.ac.in
School of Planning & Architecture, New Delhi		www.spa.ac.in
School of Planning & Architecture, Vijayawada		www.spav.ac.in
Sant Longowal Institute of Engineering & Technology		www.sliet.ac.in
Institute of Advanced Study in Education		www.iase.tamilnadu.ac.in





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DBV CAREER GUIDANCE

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 - 02 Job Orientation Program (for Technical)
 - 03 Vocational Trainings (TMF SMART, Quest Alliance)



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