



BHAGWANT UNIVERSITY

Ajmer, Rajasthan

Established By Govt. of Rajasthan and Recognized by UGC, ISO Certified
Approved by BCI, PCI, NCTE, Member of AIU, IAP, AIMA and FICCI

Awarded as
"Best Group of Institutions"
by AAJ TAK & Royal Brand Pvt. Ltd.

Awarded as
"Best Self Financing University in Rajasthan"
by Prime Time Research Media Ltd.



DEPARTMENT OF AGRICULTURE

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BHAGWANT GROUP OF INSTITUTIONS

MESSAGE FROM CHANCELLOR



Dr. Anil Singh

Bhagwant Group of Institutions, a renowned name in the realm of education has taken giant strides for its progress. Bhagwant University Ajmer, Rajasthan has been established with an object of imbuing academic excellence, upholding and maintaining ethical values. It is enriching knowledge, skills, attitude and self belief, so as to enable students to be successful in their future endeavor.

It is providing comprehensive, multifaceted, inter-disciplinary world class education with its dedicated, involved and committed staff. Bhagwant University plays a vital role in the socio-economic growth of the nation.

I welcome student fraternity to experience the amiable educational environment at Bhagwant University and discover new horizons.

MILESTONES OF BGI

Bhagwant Group of Institutions has been imparting Education in Technical, Management and Pharmaceutical disciplines since the year 2000 and has earned great distinction. The following Institutes of the Group have been approved by All India Council for Technical Education (AICTE) / National Council for Teachers Education (NCTE) / UGC respectively.

- Bhagwant University (BU), Ajmer, Rajasthan
- Ajmer Institute of Technology (AIT), Ajmer, Rajasthan
- Bhagwant Institute of Technology (BIT), Muzaffarnagar, U.P.
- Bhagwant Institute of Technology (BIT), Ghaziabad, U.P.
- Bhagwant Institute of Pharmacy (BIP), Muzaffarnagar, U.P.
- Bhagwant College of Education (BCE), Muzaffarnagar, U.P.
- Shakuntla Girls Degree College (SGDC), Chandpur, Bijnor, U.P.
- Bhagwant Public School (BPS), Chandpur, Bijnor, U.P.
- Bhagwant Institute of Medical Science, Muzaffarnagar, U.P.
- Bhagwant Institute of Technology & Management, Muzaffarnagar, U.P.

Our meritorious and outstanding students are placed at various Companies and MNCs of National and International repute like Wipro, Infosys, HCL, ICS, ICICI etc.



ABOUT THE UNIVERSITY

Bhagwant Group of Institutions has been started by a Group of NRIs, Engineers and Academicians in 1999, who have done a pioneering work in the field of education. It's a matter of pride and honour that under the aegis of Bhagwant Group of Institution, Bhagwant University, Ajmer, Rajasthan has been established in 2008 by Act No. 18 uls 2f of the UGC Act 1956. Bhagwant University has well established center for Engineering, Management, Science, Pharmacy, Education, Hotel Management, Physiotherapy and Mass Communication with state of the art facilities for training and research. It is providing quality education for rural and urban citizens through different modes at par with global standards.

- “ Our University has developed relationship with reputed Foreign Universities and colleges around the globe for student and faculty exchange, development programme and International Internship. The Universities with whom we have Tie-ups are
Sheffield Hallam University (UK),
Gannon University (Pennsylvania, USA),
University Of Western Australia (Perth, Australia),
Norwegian University Of Life Sciences, NMBU (Norway) ”

INFRASTRUCTURE

Campus & Environment

The campus of Bhagwant University Ajmer is spread over more than 100 acres of land. The University building has been designed and constructed under the supervision of highly qualified architects and consists of lecture theaters, tutorial rooms, computer labs, conference hall, laboratories, workshops, library and administrative offices with lush green lawns and a pollution free environment.

Library

The University has spacious, updated and rich Library which houses different books on Engineering, Pharmacy, Physiotherapy, Education, Hotel Management, Sciences, Management, Computers and general subject books. Many national & international journals and periodicals are subscribed on regular basis.

Hostel Facilities

The Institute has fully furnished separate hostel facilities for boys and girls. These are supported by an excellent mess, common room, STD-PCO, Internet Access (fully Wi-Fi), Canteen, Provision Store, Medical Assistance.

Internet Facilities

24 hours Internet facilities are being provided through BROADBAND @ 1 Gbps for Students. Free internet facility is also provided round the clock to Students.

DEPARTMENT OF AGRICULTURE

INTRODUCTION

Department of Agriculture was established in the University in 2008 and has fully equipped laboratories with latest equipments, gadgets, equipments and instrumentation systems for agriculture programs. It has well stocked books in the library in agriculture, agronomy, horticulture, forestry, genetics, plant breeding, plant pathology and related areas. Students work in agriculture farms for field experience. University has tie ups for semester abroad program, higher studies and internship with international universities.

Students are trained in core skills of modern farming techniques, water resource management, forestry, mining, rehabilitation, food processing, urban and rural development, agri-machine development and many more. Agricultural graduates work in many fields and perform tasks such as planning, supervising and managing the agriculture farms, building of effluent schemes, irrigation, drainage, flood and water control systems, perform environmental impact assessments, dairy, and interpret research results and implement relevant practices.

Agronomy and Horticulture : The Laboratory is well equipped with anemometer, moisture meter, soil thermometer, wind vane, rain gauge, soil tensiometer, soil auger, Lawn Mower, Garden Cart, secateurs, Tree Pruners, Budding Knife, Grafting Knife, Grass Shear, Net House.



Plant Science : The Laboratory has high tech equipment like Power Soil DNA Isolation Kit, Thermal cycler polymerase chain reaction (PCR), Laminar flow, Seed germinator, Culture Petri plate Elisa Micro plate Reader, Pipettes, BOD, Eppendorf Tips, Culture Petri plate etc.



Plant Protection : All essential equipment of practical importance available in labs namely cultures Pathogens, Incubator, Autoclave, Insect Showing Case, Slide Racks, Insect Collection Net, Pins, Insect Storage Box, Insect Display Showcase Laminar Flow etc.



Soil Science and Agricultural Chemistry : Soil Moisture meter, Soil Thermometer, Soil Testing Kit, Field Tensiometer, Chemical Prepared are available for measurement of soil Ph, available nutrient and density of soil.



Agricultural Engineering : The Laboratory is well equipped with Tractor, Disc Harrow, Cultivator, Seed Drill, Vacuum Oven, Oven Universal, Seed Divider, Rice Polisher, Tray Drier etc.



Bhagwant Agricultural Farm is spread into 50 acre area with water supply through boring and well. It has Nursery in 250 sqm, Net House and Polyhouse with fogger and drip irrigation system, Sprinkler irrigation system for open field, Crop sown by seed drill and organic cultivation for demonstration.

Course	Duration	Specialization	Eligibility
Ph.D.	3-5 Yrs.		P.G. with 55% in relevant stream
M.Tech.	2 Yrs.	Farm Machinery & Power Engineering	B.Tech. in Agriculture
M.Sc. (Agriculture)	2 Yrs.	Agronomy Horticulture Genetics and Plant Breeding	UG with 50% in relevant stream
B. Sc.	4 Yrs.	Agriculture Horticulture Forestry	12th Passed with Agriculture/PCB/PCBM
B. Sc.	5 Yrs.	Agriculture+ABM	12th Passed with Agriculture /PCB/PCM
B. Tech.	4 Yrs.	Agriculture Engineering	12th Passed with Agriculture /PCB/PCM

FUTURE SCOPE

The agriculture related activities are focused on thrust areas like identification and development of drought resistant varieties/germplasm in fruits, vegetables, flowers, spices, medicinal and aromatic plant. Introduction of Psidium species and allied species from exotic sources for their testing against wilt and graft compatibility with commercial cultivars. Screening of suitable varieties / germplasm of vegetables, flowers and medicinal plants for arid, and sodic soil. Standardization of agro techniques for cucurbits cultivation on Diara land (River bed Cultivation). Standardization of micro irrigation techniques for commercial production of fruits, vegetable and flowers. Integrated nutrient management for fruit crops, vegetables and flower crops. Organic and precision farming for sustainable production of horticultural crops. Nutrients requirement for some fruit crops like Guava, Aonla, Bael, Phalsa, Jamun etc. under arid and sodic soil condition. Standardization of macro & micronutrient requirement for fruits, vegetables and flowers. Standardization of post harvest techniques for improving / prolonging the shelf life of fruits, vegetables and flowers. To find out the feasibility of intercropping with fruits, vegetables, flowers & medicinal and aromatics plants. Introduction and standardization of package & practices for exotic and underutilized horticultural crops. Comparative economic study of use of herbicides as against manual weeding in vegetable and flower crop production.

RECRUITMENT

The major recruiters of agriculture graduates are central and state government departments of agriculture, forestry and horticulture. Indian Council of Agriculture Research is the nodal agency with its institutes, research centers, bureaus, directorates and labs across India provide a large catchment for agriculture graduates. Many Banks, private companies and MNCs also offer job employment to agriculture graduates. These include Jain Irrigation, Kohinoor Basmati Rice Ltd, Netafim Irrigation, Dhanuka Agritech, IFFCO Kisan Kendra, Harvel Irrigation, ITC Food division, DuPont India, Rallies India, Nuziveedu Seeds, Advanta Ltd, Lamken Agro, National Agro Industries, Godrej Agrovet, Rasi Seeds etc.

HOW TO APPLY

Registration Form can be procured by sending a DD of Rs. 1000/- in favour of "Bhagwant University", payable at Ajmer, at the following address Registrar-Bhagwant University, Sikar Road, Ajmer (Raj.) -305004 or Download it from our website and send it along with a DD of Rs 1000 as stated above. Applicant will have to fill up the Admission form for the desired course along with the requisite fee which can also be downloaded from our website : www.bhagwantuniversity.ac.in

FOR MORE INFORMATION

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