



1986

HANDBOOK
OF
AGRICULTURAL
EDUCATION

- Agriculture
- Agricultural Engineering
- Veterinary Science
- Forestry
- Fisheries
- Animal Husbandry
- Dairy Technology

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AIU-H, 1986

ASSOCIATION OF INDIAN UNIVERSITIES

ASSOCIATION OF INDIAN UNIVERSITIES

The genesis of the Association of Indian Universities (AIU) goes back to 1924 when a conference of the Vice-Chancellors was convened by the Viceroy of India, and it was decided that the Universities should have a common forum for effective coordination. This led to the formation of the Inter-University Board (IUB) in 1925, and its name was changed to the Association of Indian Universities in 1973. The history of IUB and AIU over the last six decades shows steady progress and commitment to the cause of higher education in the country.

Bureau of Information

The Association has a wide variety of data relating to the higher educational system in this country as well as other countries including information on the structure of education.

Equivalence

One of the major functions of the Association has been determination of equivalences and recognition of degrees. This applies to both Indian qualifications as well as qualifications obtained from foreign universities. The service that this Association performs in this sphere is widely used by students and universities of India and abroad.

Liaison

AIU representatives are members of several national bodies like the Indian Council of Medical Research, All India Council of Technical Education, Central Advisory Board of Education, National Institute of Community Development and Cooperation and Indian National Commission for UNESCO.

Service Agency

As an Association of the universities, AIU secretariat functions as a service agency not only to the universities but also to Central and State Governments, Public Service Commissions, etc. Apart from rendering advice on specific issues, the Association also publishes a number of publications giving basic information about the university system in the country.

Research

In recent years the Association has taken up two areas of higher education for research. One relates to reform of the examination system and the other to the Economics of Education. AIU Research staff also conduct correspondence courses in Evaluation Methodology and Examinations at Basic, Intermediate and Special Professional levels.

Documentation

The Association maintains a library with a good collection of books relating to various aspects of higher education. The library also provides documentation service in respect of articles published on university education.

Sports

Under the auspices of AIU Sports Board, inter-university tournaments in 23 different games and sports are organized annually at different universities in the country. AIU is the exclusive authority in the country to control university sports events at the inter-university level and organise programmes to identify and nurture sports talent in the universities.

Culture

Since 1985 Inter University Youth Festivals are organised first at zonal levels and followed by the national festival.

Information Dissemination

The Association publishes a weekly journal "*University News*" which covers major events taking place in the field of higher education in India and abroad. It also carries articles of topical interest on higher education including engineering, agriculture and medical education. Advertisements for academic posts, award of scholarships/fellowships and admission notifications of Universities are also carried.

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OF
AGRICULTURAL EDUCATION

1986



ASSOCIATION OF INDIAN UNIVERSITIES
AIU HOUSE, 16 KOTLA MARG
NEW DELHI 110002

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FOREWORD

We are happy to release the second edition of *Handbook of Agricultural Education*. The first edition was well received by the students seeking admission to agriculture, veterinary science and allied courses in the universities and colleges.

The information in the compendium basically relates to bachelors degree programmes in agriculture, veterinary science, forestry, agricultural engineering, animal husbandry, dairy technology, fisheries, etc. The details are given on each of the following heads : dates prescribed for applications, scholarships, fellowships, freeships, stipends, boarding and lodging facilities, eligibility requirements, procedure for admission, tuition and other fees, reservations, etc.

A chapter on Extension Activities of the Universities has been added.

Shri K.C. Kalra, Under Secretary, Shri J.K. Bhatia, Shri B.R. Sardana and others in the Evaluation Division have assisted in the compilation of the volume.

We welcome suggestions from our readers for improvements in the next edition of this publication.

New Delhi
November 1, 1986

JAGDISH NARAIN
Secretary
Association of Indian Universities

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List of Abbreviations

Advt.	: Advertisement
Ag., Agrl., Agril.	: Agriculture, Agricultural
Agril. Engg.	: Agricultural Engineering
App.	: Applied
Biochem.	: Biochemistry
Biol.	Biology
Bot.	: Botany
Cert.	: Certificate
Chem.	: Chemistry, Chemical
DT	: Denotified Tribes
Dairy Sc.	: Dairy Science
Dairy Tech.	: Dairy Technology
Dev.	: Development
Div.	: Division
Dip.	: Diploma
Econ.	Economics
Edn.	: Education
Elect.	: Electrical
Eng.	: English
Engg.	: Engineering
Exam.	: Examination
Extn.	: Extension
GK	: General Knowledge
Gen.	: General
Geog. •	: Geography
Govt.	: Government
ICAR	: Indian Council of Agricultural Research
Hons.	: Honours
I.P.O.	: Indian Postal Order
Instt.	: Institute
M.O.	: Money Order
Maths	: Mathematics
Mech.	: Mechanical
Med.	: Medicine/Medical
Mgt.	: Management
Microbiol.	: Microbiology
Mod. Nat. Sc.	: Modern Natural Science
NT	: Nomadic Tribes
Obst. & Gynae.	: Obstetrics and Gynaecology
P.A. (p.a.)	: Per Annum
P.M. (p.m.)	: Per Month
Parasitol.	: Parasitology
Pathol.	: Pathology
Physiol.	: Physiology

Psy	: Psychology
Pub	: Public
Radiol.	: Radiology
Sc.	: Science
S.C.	: Scheduled Castes
S.T.	: Scheduled Tribes
Tech.	: Technology
Univ.	: University
Vety.	: Veterinary
Zool.	: Zoology

DEGREES

B.E. (Ag./Agri)	: Bachelor of Engineering (Agriculture)
B.Sc.	: Bachelor of Science
B.Sc. (Agril. Engg.)	: Bachelor of Science in Agricultural Engineering
B.F.Sc.	: Bachelor of Fishery Science
B.Sc. (Ag.)/B.Sc. (Agri.)	: Bachelor of Science in Agriculture
B.Sc. (Ag. & A.H.)	: Bachelor of Science (Agriculture & Animal Husbandry)
B.Sc. (Agri.) (Hons.)	: Bachelor of Science (Agriculture) (Honours)
B.Sc. (Hons.)	: Bachelor of Science (Honours)
B.Sc. (Agril. Markt. & Coop.)	: Bachelor of Science (Agricultural Marketing & Cooperation)
B.Sc. (Coop & Banking)	: Bachelor of Sc (Cooperation & Banking)
B.Sc. (Dairy Husbandry)	: Bachelor of Science (Dairy Husbandry)
B.Sc. (Dairy Sc.)	: Bachelor of Science (Dairy Science)
B.Sc. (Dairy Tech.)	} : Bachelor of Science (Dairy Technology)
B.Sc. (DT)	
Hr. Sec.	: Higher Secondary
I.Sc.	: Intermediate in Science
Inter (Sc.)/Inter Sc.	: Intermediate (Science)/Intermediate in Science
M.E.	: Master of Engineering
M.E. (Agri.)	: Master of Engineering (Agriculture)
M.F. Sc.	: Master of Fishery Science
M. Phil.	: Master of Philosophy
M.Sc. (Animal Sc.)	: Master of Science (Animal Science)
M.Sc. (Agri.)/M.Sc. (Ag.)	: Master of Science (Agriculture)
M.Sc. (Agril. Engg.)	: Master of Science (Agricultural Engineering)
M.Sc. (Dairying)	: Master of Science (Dairying)
M.Sc. (Horticulture)	: Master of Science (Horticulture)
M.V. P.H.	: Master of Veterinary Public Health
M.V.Sc.	: Master of Veterinary Science
M.V.Sc. & A.H.	: Master of Veterinary Science & Animal Husbandry
Ph.D.	: Doctor of Philosophy
Pre-Engg.	: Pre-Engineering
P.U.C./Pre-Univ.	: Pre-University

AGRA UNIVERSITY

NARAIN COLLEGE

Shikohabad 205135

Mainpuri

ESTABLISHMENT 1961

PHONE 78

MANAGEMENT Trust

PRINCIPAL Dr S K S Chauhan

Courses* BSc Ag (Hons)

Duration 3 years

Seats 120

PhD

Request for application

May/June

Last date

July

Reservations SC 18% ST 2% Handicapped 2% Wards of Univ employees 5%.

Eligibility Age 16-25 years. **Academic qualification** Intermediate (Ag) or (Sc) Biol.

Application form and prospectus can be obtained from the Principal of the College on cash payment of Rs 5 or Rs 10 if required by post. Completed application should reach the College by the notified date.

Selection is made on the basis of marks obtained in the High School and qualifying exam. Weightage is given to sportsmen, wards/dependents of the univ/college staff and to those candidates who have passed the qualifying exam under 10+2 scheme.

The course commences in August.

Fees Tuition fee Rs 11 pm. Rs 325.50 (Rs 238.50 for SC/ST candidates) are payable at the time of admission.

Scholarships Merit-cum-means scholarships, scholarships to poor boys from Students Aid Fund, fee concessions are available.

Hostels facilities are not available.

Research Studies Facilities for PhD are available.

*Details relate to BSc Ag (Hons) course

2 AGRA

Statistics (1985) Applications received 1,338.

Special Features The college has a farm equipped with modern implements to help the farmers to use new agricultural technologies. It also organises Kisan Melas and exhibitions.

Heads of Departments *Agril Chem & Biochem* Shri S L Jain *Agril Engg* Shri Mohan Singh *Animal Husbandry* Dr J N Sharma *Agronomy* Dr S K Singh *Dairy Chem* Dr J P Singh *Dairying* Shri Gaya Prasad *Agri Extn* Shri N K Tripathi *Ag Economics* Dr R P Lavania *Entomology* Shri L N Gupta *Genetics & Plant Breeding* Shri A S Tyagi *Horticulture* Shri K N Dubey *Maths & Stat* Dr Virendra Singh *Plant Pathol* Shri V N Singh *Soil Conservation* Shri R A Kushwaha *Librarian* Shri A S Jadon.

RAJA BALWANT SINGH COLLEGE

Agra 282002

ESTABLISHMENT 1940

PHONE 74111

MANAGEMENT Trust

PRINCIPAL Dr R P Tiwari

Courses*	BSc (Ag)	Duration 3 years	Seats 140
	MSc (Ag)		
	PhD		

Request for application

July

Last date

The college has two campuses—one at Agra and the other at Bichpuri. Classes under Faculty of Agriculture are conducted at Bichpuri campus. The College also maintains two farms—one each at Bichpuri (Agra) and Awagarh (Etah) for Agriculture Education, Research and Extension activities.

Reservations SC 18% ST 2% Backward Classes 10% Handicapped 2% Wards/ husband/wife/brother/sister of univ/affiliated colleges employees 5%.

Eligibility Academic qualification Intermediate with concerned subjects or equivalent. Candidates must have obtained 50% marks in High School exam.

Application form and prospectus can be obtained from the college on cash payment of Rs 5 or Rs 10 if required by post. Completed application together with registration fee of Re 1 must reach the college by the notified date.

*Details relate to BSc (Ag) course

Selection is based on merit obtained at High School & Inter exam. Weightage is given to sportsmen, wards/dependents of univ/affiliated colleges employees, candidates who have passed the qualifying exam from an institution in UP and those who have passed Intermediate (Agri) exam from a college within the territorial jurisdiction of the univ, Son/daughter of defence employee in certain cases.

Two marks are deducted for each failure in the qualifying exam or a time gap either in his educational career or between his passing the qualifying exam and the year of applying for admission.

Fees Tuition fee Rs 11 pm. A sum of Rs 170 is payable at the time of admission.

Scholarships Besides Financial assistance to needy and deserving students, a number of Central/State Govt/ICAR scholarships to poor, deserving and meritorious students are available.

Hostels 250 boys can be accommodated in the hostel, at Bichpuri Campus. Residence is optional. Lodging Rs 30 pm.

Postgraduate Courses MSc (Ag) in Agril Chem, Agril Econ, Agril Extn, Anima Husbandry & Dairying, Agronomy, Horticulture. **Duration** 2 years.

Research Studies Facilities for PhD are available.

Research Projects. ICAR sponsored research projects such as All India Coordinated Agronomic Research (Model Agronomic Experiments)/ Research Project on Salt Affected Soils & Use of Saline Water in Agriculture/Project for Dry Land Agriculture and Lab to Land programme besides a scheme for study of cost of cultivation of Crops in U P sponsored by Central Govt are in progress.

Extension Activities The main functions are to organise farmers fair, exhibition and extension tours; conduct demonstration programmes on farmers field; organise training programmes on different aspects of agricultural & rural development and group discussion of scientists with farmers, animal breeders, goat keepers.

Heads of Departments *Bichpuri Campus Agronomy* Dr B S Verma *Agril Econ* Dr S C Mathur *Animal Husbandry & Dairying* Prof J P Agarwal *Agril Chem & Soil Sc* Dr V S Mehta *Agril Extn* Dr Y P Singh *Agril Maths & Stat* Prof S R Mandirath *Agril Engg* Prof R S Pathak *Agril Bot* Prof M N Misra *Ag Zool & Entomology* Prof Pradeep Kumar *Horticulture* Dr Vijai Singh *Plant-Pathol* Dr R N Yadav *Hostel Wardens* Dr C P Singh, Dr Shanker Pal Singh *Librarian* Shri Jai Pal Singh,

ALIGARH MUSLIM UNIVERSITY

CENTRE OF AGRICULTURE Aligarh 202001

Course MSc (Agri)

<i>Request for application</i>	May/June
<i>Last date</i>	July 1

Specialisations Entomology, Microbiology, Nematology and Plant Pathology.

Application Procedure Application form and guide to admission may be obtained from the Assistant Registrar (Admissions), Post Box No. 52, Aligarh Muslim University, Aligarh 202 001 by post on payment of Rs 12 through crossed IPO drawn in favour of the Finance Officer of the university. Request for application should accompany a self-addressed envelope of 9" × 6" affixing stamps worth Rs 2.50 - Rs 5.25 in case the form is required by registered post.

UNIVERSITY OF ALLAHABAD

ALLAHABAD AGRICULTURAL INSTITUTE

P O Agricultural Institute

Allahabad 211007

ESTABLISHMENT 1932

PHONE 7210/7221

MANAGEMENT University

GRAM Agrinst

PRINCIPAL Dr T Vishwas Rao

Courses*	BSc (Ag)	Duration 3 years	Seats 70
	BTech (Agril Engg)	4 years	47
	MSc		
	Diploma		

Request for application March

Last date April

Reservations Sponsored candidates from minority (Christian) community of which one-fifth from UP 50% UP students on merit 40% Other States (including foreign candidates) 10%.

Eligibility Academic qualification Inter (Ag)/(Sc) with Phy, Chem, Biol/Maths from UP Board or an equivalent exam. Candidates with 3 years diploma in Engg from State Technical Board are also eligible for BTech (Agril Engg) course.

Application form and prospectus can be obtained from the Institute on payment of Rs 15 in cash or through MO to the Principal of the Institute. Foreign students should send the exchange equivalent to Rs 25 Indian currency. Postal orders are not accepted. Completed application with the prescribed fee for entrance exam through crossed postal orders should reach the Institute by the notified date.

Selection Admission for all courses is made through an entrance test held in June each year at Agra, Aizawal, Ahmedabad, Allahabad, Bhopal, Calcutta, Cochin, Delhi, Guwahati, Gorakhpur, Hyderabad, Imphal, Kohima, Lucknow and Madras. The exam comprises one paper of objective type questions on Phy, Chem, Gen Aptitude, Eng Comprehension, Biol (for Agri) and Mathematical Reasoning (for Ag Engg) of 2½ hours duration. The standard of questions is that of Inter (Sc).

*Details relate to first degree courses

6 ALLAHABAD

Students passing Inter (Ag) from the Institute with 50% marks in aggregate and the foreigners are exempted from entrance exam.

Fees Tuition fee BSc (Ag) Rs 16 pm and other charges Rs 434 and BTech (Agril Engg) Rs 25 pm and other charges Rs 524.

Scholarships ICAR scholarships, National Loan scholarships and Backward Class & Scheduled Caste Scholarships besides Govt scholarships to U P students and fee concession on merit-cum-means basis are available.

Hostels There are 3 hostels for boys with 400 seats and one for girls with 100 seats. Residence is optional. Room rent Rs 60-90 pm.

Postgraduate Courses MSc (Ag) in Agril Extn, Agronomy, Horticulture, Plant Pathol, Agril Biochem, Agril Econ, Dairy Tech, Animal Sc and MSc (Agril Engg). Duration 2 years.

Research Studies PhD facilities exist.

Other Courses Diploma in Dairy Husbandry and Dairy Tech, Inter (Home Sc)/Agri and BSc (Home Econ).

Statistics (1985) Number of applications received BSc (Ag) 300 and BTech (Agril Engg) 250. Admissions made 60 and 47.

Special Features Education tours and trips are organised to identify the agricultural problems and practices through the experiences of institutions which are striving to improve agriculture and home science. Students report on their tour is evaluated as an academic programme.

Extension Activities include demonstrations, village camping, organisation of agricultural conferences and exhibitions, Lab to Land programme, adult education etc. Under Lab to Land programme which aims to transfer of low cost technologies to the farmers, about 200 families have been adopted. The activities aim at socio upliftment of backward class people based on integrated approach in development of their nutrition, health, child education and agricultural productivity. Nursery schools are being maintained under the Integrated Community Development Project. Short term courses are being conducted in different skills for villagers through youth.

Heads of Departments *Agronomy* Dr P C Jaiswal *Agril Engg* Prof S V Dwyer *Agri Marketing & Coop* Dr A C Broadway *Animal Sc* Prof O P Agarwala *Dairy Tech* Dr O Brave *Biology* Dr B A David *Ag Extn Edn* Dr T P Singh *Ag Chemistry* Dr M L Varshney *Horticulture* Dr Gauri Shanker *Vice Principal* Prof S J Singh *Hostel Warden* Mr H Shepherd *Librarian* Mrs A Khan.

ANDHRA PRADESH AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

Extension Education units include Agricultural Information & Communication Centre; Extension Education Institute; Krishi Vigyan Kendras; Lab-to-Land Programme; National Demonstrations Scheme; Project for upliftment of SC and other backward communities. Extension education units organise field trials for testing new technologies for socio-economic feasibility, train specialists of State Departments, implement Lab-to-Land programme, demonstrations on proven technologies, training programmes for farmers and extension personnel and adoption of villages with the object of developing them through transfer of technology. The Agricultural Information & Communication Centre is equipped with a printing press, a recording studio and audio-visual unit and serves as a clearing house of information through literature, farm news bulletin on AIR, TV etc. The Centre organises exhibitions to disseminate information to the farmers and extension personnel on latest technology in agriculture, animal husbandry and home science. Extension Education Institute apart from undertaking research & PG programmes extend its training activities to improve the skill and professional competence of instructors, principals of grama sevaks training centres, farmers and extension personnel. Krishi Vigyan Kendra organise skill and production oriented short and long term training programmes, field days, farm visits, farmers fairs, radio talks, functional literacy programmes for farmers, develop gradual practical training facilities in all fields to meet the requirement of Integrated rural development. The Lab to Land programme has adopted 25,350 farm families to motivate them adopt new technology to increase productivity in order to improve economic conditions. The programme is implemented through scientists, research stations, and extension centres. National demonstrations are organised in districts for maximising the production; popularising the multiple cropping and crop rotation systems alongwith the package of practices among farming community; minimising time lag between research discoveries and their application and to identify technological & socio-economic constraints in transfer of technology. Strategy has been developed to promote socio-economic development to improve agriculture and livestock production, to create ancillary vocations allied to agriculture, livestock, fish production, sericulture, bee keeping and other agro-based small scale industries.

Director of Extension Dr H N Byra Reddy

AGRICULTURAL COLLEGE

Bapatla 522101

ESTABLISHMENT 1945

PHONE 23

MANAGEMENT University

PRINCIPAL Dr K A Balasubramanian

Courses*	BSc (Ag)	Duration 4 years (8 semesters)	Seats 160
	BTech (Ag Engg)	4 years (8 semesters)	30
	MSc (Ag)		

Request for application

March

*Last date**Test*

May

Reservations SC 15% ST 7.5% Backward Classes 25% Agriculturists 25%. Seats are reserved for Sports/NCC candidates, other States, defence personnel, Govt of India/ICAR nominees, village development officers/sub-assistants, Telugu domiciled abroad and outside the State, BSc degree holders. 85% seats are reserved for local candidates in relation to areas of Andhra & Nagarjuna, Osmania & Kakatiya and Sri Venkateswara Universities in the ratio of 42:36:22.

Eligibility Age 16 years as on October 31. **Academic qualification** For BSc (Ag) : Intermediate exam (10+2 pattern) of the Board of Intermediate Edn, A P or equivalent with any two of the subjects in Physical Sciences, Biological or Natural Sciences, Agri or Vocational courses in Agri. For B Tech (Ag Engg) : Intermediate Maths & Physical Sciences. Compartmental candidates are not considered. **Domicile Admission** is restricted to local candidates except the following : Candidates or either of their parents who have resided in the State for 10 years excluding the period of study or employment outside the State; spouses/children of the employees of the State/Central Govt, Public Sector Corporations, universities or similar public institutions in the State.

Application form and instruction booklet can be obtained on payment of Rs 10 through demand draft/IPO in favour of "CONVENER, EAMCET" (In 1986, Jawaharlal Nehru Technological University, Hyderabad-500028 was the Convener of Engineering, Agricultural & Medical Common Entrance Test). The form can be obtained in person or by post by sending a self-addressed stamped envelope (25x11 cm) of Rs 2 from the concerned college. Completed application along with the prescribed test fees should reach the Convener, EAMCET by the notified date.

Selection Admission is made on the basis of merit obtained in common entrance test 'EAMCET'. The test is held at Anantapur, Bhimavaram, Hyderabad, Kakinada, Kurnool, Machilipatnam, Nellore, Tirupati, Vijayawada, Visakhapatnam, Warangal

*Details relate to first degree courses

centres. The test is of intermediate level in the subjects of Biol, Phy, Chem in the case of BSc (Ag) course and Maths, Phy, Chem in the case of BTech (Ag Engg) course. Each paper carries 50 marks with one hour duration. The questions are of objective (multiple choice) type. Minimum 30% (25% in case of SC/ST candidates) aggregate marks are required to qualify the test. Govt/ICAR nominees and Telugu domiciled abroad are not required to appear in the test. The question papers are in Eng and Telugu. Candidates opting to write in Urdu are allotted a centre at Hyderabad.

Fees Tuition fee Rs 75 per semester. Rs 212 is payable at the time of admission.

Scholarships Govt of India Post-matric scholarships to SC, ST & Harijan christians, State scholarships to BC and economically poor students, National scholarships for the children of school teachers and freedom fighters, ICAR Merit-cum-Means scholarships, State Merit scholarships, National loan scholarships, are available.

Hostels Seats for 500 boys and 100 girls. Residence is compulsory. Lodging Rs 75 per semester ; boarding Rs 200 pm.

Postgraduate Courses MSc (Ag) in Agril Econ, Agronomy, Entomology, Extn Edn, Plant Breeding & Genetics, Plant Pathol, Plant Physiol, Soil Sc & Agril Chem. Duration 2 years.

Special Features Rural Agricultural Work Experience Programme (RAWEP), a part of BSc (Ag) curriculum is in existence in the college. Its objectives are to provide an opportunity to the students to live in rural areas, develop the right perspective about rural life, to gain first-hand experience in the application of agricultural technology on the farmers' fields to develop professional skills, etc. The RAWEP participants are paid a monthly stipend of Rs 250 each.

Extension Education The activities include Farmers' Day, Kisan Melas, Farmers' Training Camps involving departments of the college as well as State Department of Agriculture. The staff members visit fields and give advice and direction to farmers.

Heads of Departments *Agronomy* Dr S Rami Reddy *Agril Econ* Dr S Seetharaman *Agril Engg* Dr P V Narayana Rao *Agril Extn* Dr M G Vasantha Rao *Animal Husbandry* Dr B Narsimha Reddy *Entomology* Dr K Ramasubbaiah *Genetic & Plant Breeding* Dr G Madhusudana Rao *Horticulture* Dr V Suryanarayana *Plant Pathol* Dr K A Balasubramanian *Plant Physiol* Dr A Narayanan *Soil Sc & Agril Chem* Dr R N Pillai *Ho tel Warden* Dr A N Narayanan *Librarian* Shri E D Livingstone.

COLLEGE OF AGRICULTURE
(Agricultural Faculty)
Rajendranagar, Hyderabad 500030

MANAGEMENT University

PHONE 48318

PRINCIPAL Dr M Sugunakar Reddy

Courses*	BSc (Ag) BSc (Hort) MSc (Ag)	Duration 4 years (8 semesters)	Seats 100 (approx) 30
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Request for application

March

Last date

Test

May

Reservations SC 15% ST 7.5% Backward classes 25% Agriculturists 25%. Seats are reserved for sports/NCC candidates, other States, defence personnel, Govt of India/ICAR nominees, village development officers/sub-assistants, Telugu domiciled abroad and outside the State, BSc degree holders. 85% seats are reserved for local candidates in relation to local areas of Andhra & Nagarjuna; Osmania & Kakatiya; Venkateswara Universities in the ratio of 42:36:22.

Eligibility Age 16 years as on October 31. **Academic qualification** Intermediate exam (10+2 pattern) of Board of Intermediate Edn, A P or an equivalent with *any* two of the subjects viz Physical Sciences, Biological or Natural Sciences, Agri or Vocational courses in Agri. Compartmental candidates are not considered. **Domicile** Admission is restricted to local candidates except the following: Candidates or either of their parents who have resided in the States for 10 years excluding the period of study or employment outside the State; spouses/children of the employees of the State/Central Govt, Public Sector Corporations, universities or similar public institutions in the State.

Application Procedure Common detail's given in this chapter under Agricultural College, Bapatla.

Selection Admission is made on the basis of merit obtained in common entrance test 'EAMCET'. The test is held at Anantapur, Bhimavaram, Hyderabad, Kakinada, Kurnool, Machilipatnam, Nellore, Tirupati, Vijaywada, Visakhapatnam, Warangal centres. The test is of intermediate level in the subjects of Biol, Phy, Chem. Each paper carries 50 marks with one hour duration. The questions are of objective (multiple choice) type. Minimum 30% (25% in case of SC/ST candidates) aggregate marks are required to qualify the test. Govt/ICAR nominees and Telugu domiciled abroad are not required to appear in the test. The question papers are in Eng and Telugu. Candidates opting to write in Urdu are allotted a centre at Hyderabad.

*Details relate to first degree courses

Fees Tuition fee Rs 75 per semester. Rs 212 is payable at the time of admission.

Scholarships National/State Govt/General merit scholarships, Central Govt merit-cum-means scholarships, National scholarships to children of freedom fighters and school teachers, Central Govt scholarships to SC/ST/BC, State Govt educational loans etc are available.

Hostels Residence is compulsory. Lodging Rs 75 per semester.

Postgraduate Courses MSc (Ag) in Agril Econ, Agronomy, Entomology, Extn Edn, Genetics & Plant Breeding, Horticulture, Plant Pathol, Physiol, Soil Sc & Agril Chem. **Duration** 2 years.

Extension Activities The teachers of concerned departments give advice and guidance to farmers and staff of the Department of Agriculture in the areas where epidemics break out. They deliver lectures for refresher courses at farmers fields and deliver radio talks. During seventh semester of B Sc (Ag) course, each student undergo rural agricultural work experience programme by working with farmer in his field. They undertake several extension programmes such as method demonstration, organising exhibitions, opening information centres. During NSS camps, the students collect soil samples for testing take up plant protection measures, rodent control etc.

Heads of Departments *Agril Engg* Shri A S Pandav *Agril Stat* Dr G Nageswara Rao *Agril Econ* Dr T D J Nagabhushanam *Agtonomy* Dr G Venkateswara Reddy *Bio-Chem* Dr A Rameswar *Entomology* Dr K M Azam *Extn Edn* Shri G Narayana Rao *Genetics & Plant Breeding* Dr C A Jagdish *Horticulture* Shri V Padmanabham (*Incharge*) *Plant Physiol* Dr A Shiv Raj *Plant Pathol* Dr M Sugunakar Reddy *Soil Sc & Agril Chem* Dr M V Shantha Ram *Hostel Wardens* Dr K Chandrasekhar Rao, Dr R Sri Hari Babu, Dr A Srinivasa Raju, Sri K Srinivasulu Reddy *Librarian* Dr D B Eshwar Reddy.

COLLEGE OF VETERINARY SCIENCE

Rajendranagar, Hyderabad 500030

ESTABLISHMENT 1946

PHONE 48143

MANAGEMENT University

GRAM Vetcol

PRINCIPAL Dr U B Singh

Courses* BVSc & AH

Duration 5 years (10 semesters)

Seats 75

MVSc

*Details relate to BVSc & AH course

12 ANDHRA PRADESH

<i>Request for application</i>	March
<i>Last date</i>	
<i>Test</i>	May

Reservations SC 15% ST 7.5% Backward classes 25% Agriculturists 25%. Seats are reserved for sports/NCC candidates, other States, defence personnel, Govt of India/ICAR nominees, Telugu domiciled abroad and outside the State, BSc degree holders. 85% seats are reserved for local candidates in relation to areas of Andhra & Nagarjuna ; Osmania & Kakatiya and Sri Venkateswara Universities in the ratio of 42:36:22.

Eligibility **Age** 16 years as on October 31. **Academic qualification** Intermediate exam (10 + 2 pattern) of the Board of Intermediate Edn, A P or an equivalent with any two of the Subjects viz Physical Sciences, Biological or Natural Sciences or Vocational courses in Veterinary Sciences. Compartmental candidates are not considered. **Domicile** admission is restricted to local candidates except the following : Candidates or either of their parents who have resided in the State for 10 years excluding the period of study or employment outside the State ; spouses/children of the employees of the State/Central Govt, Public Sector Corporations, universities or similar public institutions in the State.

Application Procedure Common details given in this Chapter under Agricultural College, Bapatla.

Selection Admission is made on the basis of merit obtained in common entrance test 'EAMCET'. The test is held at Anantapur, Bhimavaram, Hyderabad, Kakinada, Kurnool, Machilipatnam, Nellore, Tirupati, Vijayawada, Visakhapatnam, Warangal centres. The test is of Intermediate level in the subjects of Biol, Phy, and Chem. Each paper carries 50 marks with one hour duration. The questions are of objective (multiple choice) type. Minimum 30% (25% in case of SC/ST candidates) aggregate marks are required to qualify the test. Govt/ICAR nominees and Telugu domiciled abroad are not required to appear in the test. The question papers are in Eng and Telugu. Candidates opting to write in Urdu are allotted a centre at Hyderabad.

Fees Tuition fee Rs 75 per semester. Rs 212 is payable at the time of admission.

Scholarships Fellowships Ford foundation fellowships of Rs 300 pm and Rs 100 book allowance per annum to girl students from rural areas are available.

Hostels Residence is compulsory. Lodging Rs 75 per semester.

Postgraduate Courses MVSc in Animal Nutrition, Animal Reproduction & Gynae, Anatomy, Dairy Tech, Dairy Production, Feed & Fodder Tech, Genetics & Animal Breeding, Meat Sc & Tech, Poultry Sc, Pharmacol & Toxicology, Surgery, Vet Physiol, Vet Pathol, Vet Microbiol, Vet Parasitol, Vet Med. **Duration** 2 years.

Heads of Departments *Anatomy* Dr U B Singh *Animal Reproduction & Gynaecology* Dr P Narasimha Rao *Animal Nutrition* Dr G V Raghavan *Dairy Sc & Tech* Dr M Rama Rao *Feed & Fodder Tech* Dr M Raj Reddy *Fisheries* Shri A T S Janak *Genetics &*

Animal Breeding Dr V Jayaramakrishna *Meat Sc* Dr M Shrinivas Reddy *Microbiol* Dr B Dhananjaya Reddy *Poultry Sc* Dr P V Rao *Vet Med* Dr A A Gaffar *Vet Pharmacol* Dr M Krishna Murthy *Vet Surgery* Dr R L Narasimha Rao *Hostel Wardens* Dr B Dhananjaya Reddy, Dr K Ramakrishna *Librarian* Sri Md Muneer Ahmed.

COLLEGE OF VETERINARY SCIENCE

Tirupati 517502 A P

ESTABLISHMENT 1954

PHONE 2531

MANAGEMENT University

PRINCIPAL Dr B V Rao

Courses*	Duration	Seats
BVSc & AH	5 years	90
BSc (Dairy Tech)	4½ years	20
MV Sc		
PhD		

Request for application

March

Last date

Test

May

Reservations SC 15% ST 7.5% Backward classes 25% Agriculturists 25%. Seats are reserved for Sports/NCC candidates, other States, defence personnel, Govt of India/ICAR nominees, Telugu domiciled abroad and outside the State. BSc Degree holders. 85% seats are reserved for local candidates in relation to areas of Andhra & Nagarjuna ; Osmania & Kakatiya and Sri Venkateswara Universities in the ratio of 42:36:22.

Eligibility Age 16 years as on 31 October. **Academic qualification** For BVSc & AH : Intermediate of Board of Intermediate Edn, A P or equivalent with any two of the subjects in Physical Sciences, Biological or Natural Sciences or Vocational courses in Vety Sciences. For BSc (DT) : Intermediate with Maths & Physical Sciences. Compartmental candidates are not considered. **Domicile** Admission is restricted to local candidates except the following : Candidates or either of their parents who have resided in the State for 10 years excluding the period of study or employment outside the State ; Spouses/children of employees of State/Central Govt, Public Sector Corporations, universities or similar public institutions in the State.

Application Procedure Common details given in this chapter under Agricultural College, Bapatla.

*Details relate to first degree courses

14 ANDHRA PRADESH

Selection Admission is made on the basis of merit obtained in common entrance test 'EAMCET'. The test is held at Anantapur, Bhimavaram, Hyderabad, Kakinada, Kurnool, Machilipatnam, Nellore, Tirupati, Vijayawada, Visakhapatnam, Warangal centres. The test is of intermediate level in the subjects of Biol, Phy, Chem in the case of BVSc & AH course and Maths, Phy, Chem in the case of BSc (Dairy Tech) course. Each paper carries 50 marks with one hour duration. The questions are of objective (multiple choice) type. Minimum 30% (25% in case of SC/ST candidates) aggregate marks are required to qualify the test. Govt/ICAR nominees and Telugu domiciled abroad are not required to appear in the test. The question papers are in Eng and Telugu. Candidates opting to write in Urdu are allotted a centre at Hyderabad.

Fees Tuition fee Rs 75 per semester. Rs 212 is payable at the time of admission.

Scholarships Fellowships freeships, subsidy and special allowance to girl students hailing from rural areas are available.

Hostels Residence is compulsory. Lodging Rs 75 per semester. Boarding Rs 250 pm.

Postgraduate Courses MVSc in Animal Nutrition, Animal Reproduction & Gynae, Anatomy, Dairy Tech, Dairy Production, Feed & Fodder Tech, Genetics & Animal Breeding, Meat Sc & Tech, Poultry Sc, Pharmacol & Toxicology, Surgery, Vet Physiol, Vet Pathol, Vet Microbiol, Vet Parasitol, Vet Med. Duration 2 years.

Research Studies PhD facilities are available. Research centres, veterinary hospitals, cattle farm, Livestock Farm have been set up.

Statistics Admissions Made : 1985 BVSc & AH 90 and BSc (Dairy Tech) 16.

Special Features For BSc (Dairy Technology). Candidates are required to do inplant training for one semester.

Extension Activities Staff of Department of Animal Science, Poultry & Dairy Science deliver lectures and arrange demonstration to sheep and poultry farm owners and mukhyasevakas on various aspects of dairy development and fodder production. They visit livestock research stations for periodical treatment of infertile cases. Training on different aspects of animal reproduction and artificial insemination is also imparted.

Heads of Departments *Animal Sc & Husbandry* Dr D Anjaneya Prasad *Dairy Sc & Tech* Dr K Narasiah Naidu *Parasitology* Dr B Venkateswara Rao *Extn Edn* Dr C Satyanarayana *Fisheries* Dr K Babu Rao *Meat Sc & Tech* Dr P Varadarajulu *Animal Genetics* Dr C Harinatha Rao *Microbiol* Dr K Gopalakrishna Murthy *Poultry Sc* Dr D Subbarayudu *Vet Med* Dr P C Choudhury *Vet Pharmacol* Dr K Sivaramkrishnaiah *Vet Surgery* Dr O Ramakrishna. *Hostel Warden* Dr P Varadarajulu *Librarian* Shri N Bhaskara Reddy.

S V AGRICULTURAL COLLEGE**Tirupati 517502 Chittoor**

ESTABLISHMENT 1961

PHONE 2595

MANAGEMENT University

PRINCIPAL Dr M Rama Rao

Courses*	BSc (Ag)	Duration	4 years (8 semesters)	Seats	100
	MSc (Ag)				
	PhD				

Request for application

March

*Last date**Test*

May

Reservations SC 15% ST 7.5% Backward classes 25% Agriculturists 25%. Certain seats are reserved for sports/NCC candidates, other States, defence personnel, Govt of India/ICAR nominees, village development officers/sub-assistants, Telugu domiciled abroad and outside the State, BSc degree holders. 85% seats are reserved for local candidates in relation to areas of Andhra & Nagarjuna ; Osmania & Kakatiya and Sri Venkateswara Universities in the ratio of 42:36:22.

Eligibility Age 16 years as on October 31. **Academic qualification** Intermediate exam (10+2 pattern) of the Board of Intermediate Edn, A P or an equivalent with *any* two of the subjects viz Physical Sciences, Biological or Natural Sciences, Agri or Vocational courses in Agri. Compartmental candidates are not considered. **Domicile** Admission is restricted to local candidates except the following : Candidates or either of their parents who have resided in the State for 10 years excluding the period of study or employment outside the State; spouses/children of the employees of the State/ Central Govt, Public Sector Corporations, universities or similar public institutions in the State.

Application Procedure Common details given in this chapter under Agricultural College, Bapatla.

Selection Admission is made on the basis of merit obtained in common entrance test 'EAMCET'. The test is held at Anantapur, Bhimavaram, Hyderabad, Kakinada, Kurnool, Machilipatnam, Neilore, Tirupati, Vijayawada, Visakhapatnam, Warangal centres. The test is of intermediate level in the subjects of Biol, Phy, Chem. Each paper carries 50 marks with one hour duration. The questions are objective (multiple choice) type. Minimum 30% (25% in case of SC/ST candidates) aggregate marks are required to qualify the test. Govt/ICAR nominees and Telugu domiciled abroad are not required to appear in the test. The question papers are in Eng and Telugu. Candidates opting to write in Urdu are allotted a centre at Hyderabad.

*Details relate to BSc (Ag) course

16 ANDHRA PRADESH

Fees Tuition fee Rs 75 per semester. Rs 212 is payable at the time of admission.

Scholarships National merit scholarships for SC, ST, backward classes and economically poor students are available.

Hostels Facilities available for boys and girls. Residence is compulsory. Lodging Rs 75 per semester ; Boarding Rs 250 pm.

Postgraduate Courses MSc (Ag) in Agronomy, Agril Econ, Entomology, Extn Edn, Horticulture, Plant Breeding & Genetics, Plant Pathol, Plant Protection and Soil Sc & Agril Chem. Duration 2 years.

Research Studies Facilities for PhD are available.

Statistics (1985-86) Admissions made 126.

Extension Activities The combined extension education department for agricultural and veterinary college conducts training programmes on production technology in rice, ragi, sugarcane and groundnut crops. Training on important agricultural and production practices is organised for extension workers to enlighten the farmers about latest technology. Women farmers are trained for fruit preservation techniques and other small trade. Films are screened on crop production, animal husbandry aspects. Literatures/pamphlets on crop production and animal husbandry are distributed amongst farmers to raise their economic level. The department maintains audio-visual lab, artists section, museum, information centre. Audio-visual lab is equipped with necessary accessories for the benefit of students and staff. Public address equipment and film shows are organised on veterinary and agriculture aspects. The Information Centre collects latest information/data and distribute them in the form of leaflets, bulletins, photographs, specimens, models etc. The results of research teaching are disseminated through different forms to farmers and visitors.

Heads of Departments *Agronomy* Dr S Chandrasekhara Reddy *Agril Engg* Shri T Ramakrishna Rao *Agril Econ* Dr A N Nageswara Rao *Entomology* Dr P Kameswara Rao *Extn Edn* Dr Ch Satynarayana *Genetics & Plant Breeding* Dr M V Reddy *Horticulture* Dr M Rama Rao *Soil Sc* Dr K Sreenivasulu Reddy *Plant Pathol* Dr K Ramachandra Reddy *Hostel Warden* Shri M R L Prabhu *Librarian* Shri N Bhaskara Reddy.

ANNAMALAI UNIVERSITY

FACULTY OF AGRICULTURE

Annamalainagar 608002

ESTABLISHMENT 1958

PHONE 451
Chidambaram

MANAGEMENT University

DEAN Prof AR Lakshmanan

GRAM Agriculture

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 120

MSc (Ag)

PhD

DSc

Request for application

May/June

Last date

June

Reservations SC/ST 18% Backward Classes 50% Sports 4 seats Physically handicapped 1 seat Children of persons responsible for development of Tamil Literature, Music and Drama 5 seats Ex-service persons 1 seat Univ staff 2 seats Small farmers 5 seats Management 12 seats.

Eligibility Maximum Age 21 years (24 years for SC/ST). **Academic qualification** +2 stage pass in first attempt (2 attempts for SC/ST) securing 60% marks in Phy, Chem & Natural Sciences and 70% in aggregate. **Domicile** Tamil Nadu residents are considered for admission. Exceptions are made in case of Tamilian Repatriates from Burma, Ceylon and children of Central Govt, Private/Public Sectors employees who are serving in the State at the time of submission of application.

Application form and prospectus can be obtained from the Registrar of the University on payment of Rs 15. Completed application should be addressed to the Registrar.

Selection is based on merit in qualifying exam and entrance exam to be held in Annamalainagar, Madras, Madurai, Thiruchirapalli, Coimbatore and Salem. The exam comprises questions on Sc subjects, General Knowledge and Aptitude.

The course commences in September/October every year.

Fees Tuition fee Rs 250 per semester.

*Details relate to BSc (Ag) course

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Scholarships SC/Backward Class scholarships, Loan/Merit scholarships and ICAR Merit-cum-Means scholarships are available.

Hostels Accommodation for 350 boys. Residence is optional. Lodging Rs 75 Boarding Rs 400 pm.

Postgraduate Courses MSc Agronomy, Entomology, Microbiol, Plant Pathol, Soil Sc and Agril Chem. MSc (Ag) part-time for Univ teachers.

Research Studies Facilities for PhD and DSc are available.

Statistics (1985) Applications received 2,169. Admissions 134.

Special Features The University Experimental Farm has been recognised by IRRI, Philippines as one of the centres for screening the rice cultivars resistant to tungro virus.

Extension Activities The Extension Wing is involved in the training of State Agricultural Officers and in the farm broadcasts of AIR. The staff also undertake periodical field visits to suggest the farmers proper measures for control of pests and diseases. The Faculty has developed technology for cultivating cotton and soyabean in summer which has helped poor rice growers. It has evolved paddy strains for saline and drought resistant.

Heads of Departments *Agronomy* Prof AR Lakshmanan *Bot* Dr C N Sambandam *Agril Chem* Dr S Chandrasekaran *Entomology* Dr P Baskaran *Microbiol* Dr N N Prasad *Plant Pathol* Dr R Ramabadran *Hostel Warden* Dr N N Prasad.

ASSAM AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The Extension Directorate operates its activities with the help of researchers and teachers of Colleges of Agriculture, Veterinary Science and Home Science. The objective is to transfer research findings to suitable agencies through the man behind the plough as per needs. The Directorate take up the work directly in farmers' field which enable the scientists to expose themselves to the prevailing field conditions and to modify their technical programme accordingly. Training is imparted to the field and middle level officers of the Department of Agriculture, Animal Husbandry and Veterinary, Social Welfare and other departments. The specialists (Agronomy), soil scientists, entomologists, plant pathologists, are responsible for rendering farm advisory services. They keep contact with both research and teaching on one side and development departments on the other. Farmers seeking advice are attended by them both in the office as well as in the field. They also visit fields in different parts of the State as and when requested by the JDA/DAO for solving their field problems. Inservice and pre-service training is imparted through Upgraded Gram Sevak Training Centre (UGSTC) and GSTC. Under Farmers Training Scheme, regular courses are conducted on cultivation of HYV crops as well as animal husbandry and farm management in rural areas for the benefit of farmers. Farmers are taken to north and south India to see the places of agricultural importance. Course training is conducted on biofertilizer, plant protection, farm planning and management, wheat production technology, minikit training on rice and wheat. Two Krishi Vigyan Kendras have been established—one at Napam, Tezpur and the other at Gossaigaon. The KYK is a grass root level institution designed and devoted to impart need-based skill oriented short and long term vocational training for agriculturists. Demonstrations in the farmers field to motivate them to adopt improved agricultural practices are conducted under different schemes. Crop rotations have been tried in the demonstration plots and their suitabilities studied. The Lab to Land programme has been implemented with a view to transferring improved technologies developed by the university. The objective is to make direct contact of the scientists with farmers and have discussion and conduct both method and result demonstrations on their field, impart training. In addition, scientists bring back problems from the farmers to the laboratory for conducting research to find out solutions. SC/ST development scheme aims at the overall development of backward communities with an integrated approach comprising of agriculture, horticulture, fisheries, home science vocations. This project has been implemented on the module concept with a view to develop an appropriate model of new technology.

The information wing has the responsibility of making available in farmers language the latest technology in the field of scientific agriculture and allied subjects. The main activities are : publications, exhibition, workshops and seminars, field days, kisan mela and farmers' camp, radio & press release, printing press and documentary cinema show. Field days are conducted in the farmers' field and important messages are delivered regarding use of fertilisers, line transplanting in rice, seed treatment,

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root dip treatment of rice seedlings etc. Organising kisan melas and farmers' days in the main campus as well as in villages is an integral part of extension activities. In the Kisan mela, farmers are invited to exhibitions, group discussions, method demonstration to bring awareness.

Director, Extension Education Dr Purna Chandra Doloi.

COLLEGE OF AGRICULTURE (Faculty of Agriculture) Jorhat 785013 Assam

ESTABLISHMENT 1948

PHONE 83147

MANAGEMENT University

GRAM Agrivarsity

DEAN Dr P C Bora

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 170

MSc (Ag)

PhD

Request for application

July

Last date

August

Reservations are available for SC/ST/BC, nominated candidates, children of univ employees and sports candidates.

Eligibility Age 17-25 years **Academic qualification** 10+2 exam with Phy, Chem and Biol (Bot & Zool) or equivalent with 50% aggregate marks (45% for SC/ST candidates). Relaxation is offered to sponsored candidates working as VLEW with 3 yrs standing. Compartmental candidates are not considered. Candidates should be medically fit.

Application form can be obtained from the Dean of the Faculty on payment of Rs 3 through crossed IPO drawn in favour of Dean, Faculty of Agriculture, Assam Agricultural University, Jorhat either personally or by post by sending a self-addressed stamped (Rs 1.50) envelope of 10×22 cm. Prospectus costs Rs 5. Completed application should reach the Dean by the notified date.

Selection Applications received are screened by a Screening Committee. Candidates are called for interview after screening according to availability of seats. Selection of candidates is made by the Selection Committee constituted as per univ regulations,

The course commences in January.

*Details relate to BSc (Ag) course

Medium English

Fees Tuition fee Rs 60 per semester. Rs 225 is payable at the time of admission.

Scholarships Besides univ merit scholarships of Rs 125/150 pm a number of other scholarships/freeships are offered through ICAR, State Govt and other agencies.

Hostels 7 hostels for boys and 1 hostel for girls. Residence is compulsory. Room Rent Rs 20 per semester (Estt & electricity charges extra).

MSc Agril Chem & Bio-chem, Agril Econ, Agronomy, Entomolgy, Extn Edn, Genetics & Plant Breeding, Horticulture, Plant Pathol, Soil Sc, Sericulture, Tea Husbandry & Technology, Crop Physiol & Nematology (Proposed). **Duration** 2 years (4 semesters).

Research Studies PhD facilities are available in seven specialities.

System of Instructions The course credits system with internal assessment is followed for undergraduate and postgraduate programmes. The academic year is divided into two semesters. The study in each subject is divided into units. The semester system entails frequent examinations in the form of mid-semester and end-semester examination, quizzes and other tests providing laboratory, library, field/clinical assignments.

Educational Excursion The faculty organise 3-week educational excursion tours and short study trips in and outside the State.

Special Features The univ offers specialised courses in Tea Husbandry & Technology in BSc and postgraduate programmes so as to provide professionally trained personnel to man the various positions in the tea industry. The courses being multi-disciplinary industry oriented cover three broad areas of study : (i) Tea Husbandry and Production Technology (ii) Tea Process Engineering & Testing and (iii) Tea Economics and General Administration (including Tea Trade and Legal matters.)

Extension Activities are covered through TNV, Lab to Land, Farmers Training etc in which the faculty members take active part in keeping contact with the farmers and help them in solving their field problems. The Extn Edn department arranges workshops, seminar on related problems of the farmers and improved agricultural practices.

COLLEGE OF VETERINARY SCIENCE

(Faculty of Veterinary Science)

Khanapara, Guwahati 781022

ESTABLISHMENT 1969

PHONE Guwahati 87281

MANAGEMENT University

GRAM Vetcol

DEAN Dr G K Roychoudhury

Courses* BVSc & AH	Duration 4½ years (including 6 months internship)	Seats 150
MVSc		
PhD		

Request for application July

Last date Within a month from Advt

Reservations are available for SC/ST/BC nominated candidates, univ employees and sports candidates.

Eligibility Age 17-25 years. Academic qualification 10+2 exam with Phy, Chem and Biol (Bot & Zool) or equivalent with 50% aggregate marks (45% for SC/ST candidates). Relaxation is offered to sponsored candidates working as VFA with 3 years standing. Candidates should be medically fit. Compartmental candidates are not considered.

Application form can be obtained from Dean of the Faculty on payment of Rs 3 in the form of a crossed IPO drawn in favour of the Dean, Faculty of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati 781022 either personally or by post by sending a self addressed stamped (Rs 1.50) envelope of 10×22 cm. Prospectus costs Rs 5. Completed application should reach the Dean by the notified date.

Selection	}	Common details given in this Chapter under College of Agriculture, Jorhat.
Fees		
Scholarships		

Hostels Accommodation is available for 300 boys and 50 girls. Residence is compulsory. Room rent Rs 20 per semester (Estt & electricity charges extra), boarding Rs 120 pm.

Postgraduate Courses MVSc : Animal Genetics & Breeding, Animal Physiol, Animal Production & Mgt, Animal Nutrition, Gynae & Obst, Animal Parasitol, Animal Pathol, Anatomy & Histology, Extn Edn, Microbiol, Pharmacol, Surgery & Radiol, Vet Med, Public Health & Hygiene. Duration 2 years.

*Details relate to BVSc & AH course

Research Studies Facilities for PhD are available.

Special Features Course credit system and internal assessment followed in the college have enabled the students to keep busy in their studies. NCC training for students (except foreigners) is compulsory.

Heads of Departments *Animal Husbandry* Dr Narendra Bora *Dairying* Dr S D Choudhary *Extn Edn* Dr T N Borgohain *Microbiol* Dr B R Boro *Poultry Sc* Dr K Dutta *Vet Anatomy* Dr S Ahmed *Vet Gynae* Dr C K Rajkonwar *Vet Breeding Genetics* Dr D Das *Vet Med* Dr C C Kalita *Vet Pharmacol* Dr P N Das, *Vet Parasitol* Dr B C Lakhar *Vet Pathol* Dr B N Choudhury *Vet Physiol* Dr S C Talukdar *Vet Surgery* Dr S C Pathak *Vet Nutrition* Dr A Saikia *Hostel Wardens* Dr A Chakraborty, Dr A Deka, Dr A Gogoi, Dr A Rahman, Dr G Patgiri *Librarian* Sri M N Borah.

BANARAS HINDU UNIVERSITY

INSTITUTE OF AGRICULTURAL SCIENCES

Varanasi 221005

MANAGEMENT University

PHONE 54291, 64993

DIRECTOR Prof Lallan Rai

GRAM Agriculture

DEAN Prof S B L Gupta

Courses*	BSc (Ag)	Duration	3 years (6 semesters)	Seats	60
	MSc (Ag)				
	PhD				

Request for application

January/February

Last date

March/April

Reservations are available for SC/ST candidates.

Eligibility Intermediate in Sc/Agri or an equivalent.

Application form can be obtained from the Institute on payment of Rs 5 by crossed IPO in favour of Assistant Registrar, Institute of Agricultural Sciences, BHU, payable at Malviya Nagar, P O Varanasi with self-addressed stamped (Rs 1.30) envelope of size 22 x 10 cm. Completed application should reach the Institute by the notified date.

Selection Admission is made on merit obtained in entrance test held by the univ at Calcutta, Delhi, Hyderabad and Varanasi.

Fees Tuition fee & other charges Rs 337.5 pa on admission.

Scholarships are offered to students.

Hostels Facilities are available for 80% students. Lodging Rs 12.75 pm and boarding Rs 250-300 pm.

Postgraduate Courses MSc (Ag) in Agril Econ, Agril Extn, Agronomy, Animal Husbandry & Dairy Sc, Entomology & Agril Zool, Genetics & Plant Breeding, Horticulture, Mycology & Plant Pathol, Plant Physiol and Soil Sc & Agri Chem.

***Details relate to BSc (Ag) course**

Research Studies Facilities for PhD exist.

Statistics (1985) Number of applications received 3,000.

Special Features BHU offers a challenging atmosphere for personality development in addition to curriculum work.

Extension Activities Include transfer of technology through Lab to Land programme, result demonstration and farm advisory service.

Heads of Departments *Agronomy* Dr N M Mishra *Agril Econ* Dr B D Shukla *Animal Husbandry & Dairy Sc* Dr V N Bhargava *Entomology & Agril Zool* Dr Janardan Singh *Agril Extn* Dr V K Dubey *Farm Engg* Dr S Singh *Genetics & Plant Breeding* Dr B Rai *Horticulture* Dr A N Maurya *Mycology & Plant Pathol* Dr V P Tewari *Plant Physiol* Dr V B Bhatnagar *Soil Sc & Agril Chem* Dr C L Sanoria *Hostel Wardens* Dr B D Singh, Dr Kalyan Singh, Dr D S Mishra and H P Agrawal *Asstt Librarians* Shri R D Singh, Shri R N Pandey.

BIDHAN CHANDRA KRISHI VISWA VIDYALAYA

EXTENSION EDUCATION PROGRAMMES

State level training programmes are undertaken at regular intervals on wheat production, potato seed, rice minikit, rice production, roden pest management, pulse production technology, fish and maize production, modern technology for effective communication for rural development for bank/field officers. Orientation centres for State level Officers, Panchayat members, rural youth are also organised. Krishi Melas and training for Lab to Land technology on fish culture, house dairy, rabi cultivation pig rearing, cattle keeping are regular features. Publications on wheat cultivation, increase in cultivation of rabi crops, jute, multiple cropping, irrigation preservation of foods, jams and jellys, paddy, mustard, wheat preservation of farm products, cultivation of pineapple, soyabean research, rat control, kitchen gardening, storage of wheat seeds, weed control in fodder, cultivation of fodder crops and their preservation, etc are part of the extension programmes.

Prof of Agril Extension Dr G L Ray.

FACULTY OF AGRICULTURE

P O Mohanpur 741246
Distt Nadia (W B)

MANAGEMENT University

PHONE 407 (Kalyani)

DEAN Prof T K Gupta

Courses*	BSc (Ag) Hons	Duration 4 years	Seats 130
	MSc (Ag)		
	PhD		

Request for application

After result of qualifying exam

Last date

After fifteen days of result

Reservations SC 15% ST 5% Foreigners nominated by Govt of India/ICAR 10%, Sportsmen 5% Children of univ employees 4 *seats* State Govt 10% Inservice 2 *seats* and Hill quota 4 *seats*.

*Details relate to BSc (Ag) Hons course

Eligibility Higher Secondary (12 years) or equivalent exam with Phy, Chem & Biol with 50% aggregate marks.

Application form and prospectus can be obtained from the Faculty/University on payment. Completed application should reach the Registrar, Bidhan Chandra Krishi Viswa Vidyalaya, P O Mohanpur, Distt Nadia by the notified date.

Selection Admission is made on the basis of merit obtained in the qualifying exam and entrance test.

Fees Tuition fee Rs 180 pa.

Scholarships Merit scholarships of Rs 125 pm to 50%, freships to 20% students, Govt scholarships to SC/ST candidates, National Loan scholarships, ICAR merit-cum-means scholarships are available.

Hostels Facilities are available.

Postgraduate Courses MSc (Ag) in Agril Chem & Soil, Agril Econ, Agril Entomology, Agril Extn, Agril Stat, Agronomy, Genetics & Plant Breeding, Horticulture, Plant Pathol, Soil & Water Conservation. **Duration** 2 years.

Research Studies PhD facilities exist.

Special Features Students may be required to go on guided tours to visit selected experimental farms including horticultural farms and institutions to study agricultural practices in different types of soils and lands.

Heads of Departments *Agri* Prof T K Gupta *Agril Engg* Prof Dilip Dutta *Agril Entomology* Dr Manoj Ghosh *Agril Extn* Prof A K Majumdar *Agril Chem & Soil Sc* Prof B N Ghosh *Agril Econ* Shri A K Mukherjee *Agril Stat* Prof S Pal *Agronomy* Prof B B Mondal *Genetics & Plant Breeding* Prof P K Das *Horticulture* Dr T K Chattopadhyay *Plant Pathol* Prof S Choudhury *Hostel Wardens* Prof A N Dasamahapatra, Dr A L Kundu, Shri Satyen Maity, Dr Aurabinda Mitra, Dr Kishore Sankar, Dr M Das and Dr Jahangir Islam *Asstt Librarian* Shri Chandidas Mukherjee.

FACULTY OF VETERINARY & ANIMAL SCIENCES
P O Krishi Viswavidyalaya 741252
Nadia W B

ESTABLISHMENT 1974

PHONE Haringhata-63

MANAGEMENT University

GRAM Krishibidhan

DEAN Dr R K Kuila

Courses*	BVSc & AH	Duration 5 years	Seats 80
	BSc (Dairy Tech)	4 years	20
	MVSc		
	PhD		

<i>Request for application</i>	After result of qualifying exam
<i>Last date</i>	Within 15 days after result

Reservations SC 15% ST 5% Govt of India nominees (Foreigners) 10% ICAR 10% Sportsmen 5% Children of Univ Employees 2 seats Univ employees BVSc & AH 2 seats BSc (Dairy Tech) 1 seat Other categories 7 seats Other States 10 seats.

Eligibility For BVSc & AH Higher Secondary (10+2) with Phy, Chem & Biol with 50% marks ; For BSc (DT) Higher Secondary (10+2) with Phy, Chem & Maths with 50% marks. There is a relaxation of 5% marks for certain reserved categories.

Application form and prospectus can be obtained from the Faculty/University on payment of Rs 8 (Rs 2 for SC/ST candidates). Completed application should reach the Registrar, Bidhan Chandra Krishi Viswavidyalaya, P O Mohanpur, Nadia by the notified date.

Selection is made on merit obtained in the qualifying exam and entrance test.

Fees Tuition fee Rs 180 pa.

Scholarships Merit scholarships of Rs 100 to 50%, freeships to 20%, Govt scholarships of Rs 100 to SC/ST candidates, National loan scholarships and ICAR merit-cum-means scholarships of Rs 100 pm are available.

Hostels Residence is compulsory. Lodging Rs 5 and boarding Rs 200 pm.

Postgraduate Courses MVSc: Animal Breeding, Animal Nutrition, Animal Physiol, Gynae & Obst, Pathol, Vety Biochem & Physiol, Vety Microbiol, Vety Parasitol, Vety Production & Mgt, Vety Surgery.

Research Studies PhD facilities are available.

Special Features Students are required to visit selected dairy, poultry, livestock farms to supplement the instructions imparted in the Faculty.

Statistics (1985-86) Number of applications received 4,531.

*Details relate to BVSc & AH course

BIRSA AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

Extension activities are being carried out by the specialists through Farm Advisory Service, Communications, Lab to Land programme, Demonstrations with the objective to transfer technology to the farming community and to identify field problems for research and solution. A close liaison is maintained with AIR, TV for slide projections and transmission of important information to farmers. A number of booklets are published on package of practices for different crops and livestock. Training is imparted in theoretical and practical knowledge of agriculture, livestock, animal husbandry, bee keeping, lac cultivation, piggery and fishery. Kisan Melas and goshtis are held to solve various problems and to encourage farmers to adopt modern technology. Demonstrations are conducted on transplanted rice, ragi, grain, maize, cauliflower, potato, wheat, chillie, mung which have helped in increased yield with low cost technology. The scientists organise field days to motivate farmers to follow improved technology on seed treatment, line sowing, timely weeding, split application of fertilizer, economic use of irrigation water, proper plant protection measures. Under Tribal Area Research Project, 11 villages have been adopted for implementation of the action plan in agriculture, horticulture and animal husbandry for the upliftment of tribal people. Grafts and seedlings of improved varieties of mango, jackfruit, castard apple, jamun and papaya are distributed free amongst tribal families. Improved varieties of vegetable seeds of potato, tomato, cauliflower, onion, brinjal, peas and bhindi are made available. Survey is conducted to assess the actual need of the farmers in animal husbandry. Farmers are motivated for adopting *inter-alia* agro-forestry programmes and fruit plants are planted with the guidance of specialist. Vegetable seed packets are distributed free to the farmers. Two villages have been adopted for all-round development with special emphasis on dryland farming, intensification of oil seeds and pulses and livestock production, plantation of fruit plants/trees on waste land in villages. Under Lab to Land Programmes, 11 villages consisting of 1500 farm families of weaker sections have been adopted for transfer of technical know-how to the farm families.

Director, Extension Education Dr R Kerketta.

FACULTY OF AGRICULTURE

Kanke, Ranchi 834005

ESTABLISHMENT 1955

PHONE 22212

MANAGEMENT University

GRAM Colagri

DEAN Prof M A Mohsin

Courses*	BSc (Agri)	Duration	3 years	Seats	50
	MSc (Agri)				
	PhD				

Request for application

February

Last date

July

Reservations SC 8% ST 22% Economically Backward Class 5% Wards of univ employees 2% Other Backward Classes 10% Seats are reserved for ICAR nominees.

Eligibility Age 17 years **Academic qualification** Intermediate with Phy, Chem and Biol/ Maths. **Domicile** Candidates must have been educated in Schools/Colleges in Bihar for not less than 10 years. This may not apply to children of State Govt Servants/ members of All India Service allotted to Bihar Cadre/Staff of the Univ or Central Govt employees serving in Bihar or employees of Public Sector Undertakings in Bihar or candidates whose father/mother (in case father is not alive) has been residing in the Bihar for the last 10 years continuously or who are otherwise permanent residents of the State or whose parents are permanent residents of Chotanagpur or Santhal Parganas.

Application form and prospectus can be obtained from the Dean (Agri), Birsa Agricultural University, Kanke, Ranchi 834006 on payment of Rs 5 through IPO. Completed application should reach the Dean (Agri) of the univ by the notified date.

Selection Admission is made on the basis of marks obtained in the entrance test. The test consist of one paper each in Phy, Chem, Bot & Zool or Maths of 60 marks each. The questions are objective/ multiple choice type. The minimum pass percentage of marks in the test is 33 in aggregate. The test is held at Chotanagpur and Santhal Parganas. The course commences in August.

Scholarships ICAR/Govt of India Scholarships of Rs 125 pm and College Merit and Merit-cum-Means Scholarships of Rs 200 and Rs 150 respectively to 10% students are available.

Hostels Accommodation is available for 400 boys and 240 girls. Residence is compulsory. Lodging Rs 34 and Boarding Rs 200 pm.

*Details relate to BSc (Agri) course

Postgraduate Courses MSc (Agri) in Agronomy, Agril Econ, Entomology, Extn Edn, Horticulture, Plant Breeding & Genetics, Plant Pathol & Mycology, Soil Sc & Agril Chem. Duration 2 years.

Research Studies PhD facilities are available.

Heads of Departments *Agril Econ* Dr S N Sahay *Agril Engg* Dr S Tiwari *Agril Extn* Dr H S P Sinha *Agril Phy* Dr M A Mohsin *Agril Stat* Prof N C Das *Agronomy* Dr U K Verma *Entomology* Dr Premchand *Horticulture* Dr R Tiwari *Plant Breeding & Genetics* Dr P K Sinha *Plant Pathol* Dr G P Singh *Soil Sc & Agril Chem* Dr L L Srivastava *Hostel Warden* Dr S N Sahay *Librarian* Shri N M Mishra.

FACULTY OF FORESTRY
Kanke, Ranchi 834006

ESTABLISHMENT 1979

PHONE 22212

MANAGEMENT University

DEAN Dr S Muhammad

Courses*	BSc (Forestry)	Duration 3 years	Seats 45
	MSc (Proposed)		
	Diploma		

•	<i>Request for application</i>	February
	<i>Last date</i>	July

Reservations SC 8% ST 22% Backward Classes 10% Wards of univ employees 2% Economically Backward Class 5% North-Eastern Council 2 seats.

Eligibility	}	Common details given in this chapter under Faculty of Agriculture, Kanke, Ranchi.
Application Procedure		
Selection		

The course commences in August.

Fees Rs 174 (Rs 104 for SC/ST/BC candidates) is payable at the time of admission.

Scholarships Merit scholarships of Rs 125 each pm to 10% and merit-cum-means scholarships of Rs 100 each pm to 10% of students are available.

*Details relate to BSc (Forestry) course

32 BIRSA AGRI

Hostels Residence is compulsory.

Other Course Two-year diploma in Forestry.

Postgraduate Course/Research Studies MSc (Forestry) & PhD (*Proposed*).

Statistics Admissions made 20.

Special Features The teaching is done at the four departments: Silviculture; Forest Management; Social Forestry; and Forest Utilization. Eight new departments are likely to be added in the near future. Trained personnel are provided to solve environmental problems. The experiments on the effect of fertilizer on various class of trees as also on agro-forestry are conducted. The Faculty is also embarking on genetic experiments to improve the quality of economic forest trees. Trainees carry out various operations on silvicultural, forestry and wildlife management.

Extension Education Forestry extension education is imparted to local people for improving their socio-economic status and to motivate them towards forest protection and raising economic forest trees, tassar, lac host trees and fuelwood or timber trees.

Heads of Departments *Silviculture* Dr S Muhammad *Forest Mgt* Shri B N Sinha *Forest Utilisation* Shri S S Bhagat *Social Forestry* Shri P P Sen *Hostel Warden* Shri D Chaterjee *Librarian* Shri Narendra Prasad.

FACULTY OF VETERINARY & ANIMAL HUSBANDRY

Kanke, Ranchi 834007

ESTABLISHMENT 1960

PHONE 23925

MANAGEMENT University

DEAN Dr H R Mishra

Courses* BVSc & AH

Duration 4 years

Seats 40

MVSc

PhD

Request for application

February

Last date

July

Reservations SC 2 seats ST 3 seats. Seats are reserved for foreigners nominated by Govt of India.

*Details relate to BVSc & AH course

Eligibility Age 17 years. **Academic qualification** Intermediate with Phy, Chem & Biol. **Domicile** Candidates must have been educated in Schools/Colleges in Bihar for not less than 10 years. This may not apply to children of State Govt servants/members of All India Service allotted to Bihar cadres staff of the univ or Central Govt employees or employees of Public Sector Undertakings serving in Bihar or candidates whose father/mother (in case father is not alive) has been residing in Bihar for the last 10 years continuously or who are otherwise permanent residents of the State or whose parents are permanent residents of Chotanagpur or Santhal Pargnas.

Application Procedure } Common details given in this chapter under
Selection } Faculty of Agriculture, Kanke, Ranchi.

The course commences in July.

Scholarships Merit scholarships and Merit-cum-Means scholarships to 20% (10% each) of students are available.

Hostels Residence is compulsory. Lodging Rs 20 and boarding Rs 200 pm.

Postgraduate Courses MVSc in Anatomy, Gynae, Med, Surgery, Parasitol, Vet Microbiol, Vet Pathol, Pharmacol, Vet Physiol, Vet Public Health, Animal Nutrition, Animal Breeding. **Duration** 2 years.

Research Studies Facilities for PhD are available.

Heads of Departments *Animal Husbandry & Vety Sc* Dr H R Mishra *Extn Edn* Dr R M Shrivastava *Vety Pharmacology* Dr N C Banerjee *Vety Public Health* Dr K G Narayan *Hostel Warden* Dr Shalendra Sahey *Librarian* Shri H P P Singh.

BUNDELKHAND UNIVERSITY

BRAHMANAND MAHAVIDYALAYA

Rath 210431 (Hamirpur) U P

ESTABLISHMENT 1960

PHONE 37

MANAGEMENT Trust

PRINCIPAL Dr G N Lodhi

Courses* BSc (Ag) Duration 3 years Seats 130
MSc (Ag)

Request for application

First week of July

Last date

Second week of July

Reservations SC 20% ST 5% Foreigners nominated by Govt of India 5% Domiciled candidates of U.P. 5% Freedom Fighters/Agriculturists-5% Other States 7% (Manipur 3% Southern States 2% J & K 2%).

Eligibility Age 17-35 years. **Academic qualification** Intermediate exam with Sc/Agri.

Application form can be obtained from the College on payment Rs 2. Prospectus can be obtained on making extra payment.

Selection Admission is made on the basis of marks obtained in qualifying exam and interview.

The course commences in August.

Fees Tuition fee Rs 11 pm.

Scholarships Fellowships Merit scholarships, Scheduled Caste and Backward Classes Scholarships, Bursary and National Loan Scholarships besides financial assistance from private trust/bodies to needy and meritorious students are available.

Hostels Seats for 300 boys. Residence is optional.

Postgraduate Courses MSc (Ag) in Agronomy, Agril Econ, Animal Husbandry & Dairying, Genetics & Plant Breeding. **Duration** 2-years.

*Details relate to BSc (Ag) course

Heads of Departments *Agronomy* Prof D D Mohan *Agril Econ* Dr S S Bhartiya
Agril Engg Prof R C Dwivedi *Animal Sc* Dr G N Lodhi *Entomology* Prof V L
Kesarwani *Extn Edn* Shri Balvir Singh *Genetics & Plant Breeding* Prof R P Verma
Horticulture Prof Thakur Das *Plant Pathol* Prof K C Soni *Soil Conservation* Prof B D
Prajapati *Soil Sc* Prof J N Singh *Hostel Warden* Shri Pratap Singh *Librarian* Shri
N S Bhadauria.

UNIVERSITY OF CALCUTTA

UNIVERSITY COLLEGE OF AGRICULTURE

(Faculty of Agriculture & Veterinary Science)

35 Ballygunge Circular Road

Calcutta 700019

ESTABLISHMENT 1954

PHONE 47-3681

MANAGEMENT University

DEAN Prof S P Banerjee

Course MSc (Ag)

Duration 2 years

Seats 60

BSc degree holders with cognate branches are eligible for admission to MSc (Ag) course. **Branches** Agronomy, Genetics & Plant Breeding, Horticulture, Plant Physiol and Agril Chem & Soil Sc.

Tuition Fees Rs 15 pm.

After publication of the results of BSc exams of Calcutta University, admissions are notified in all leading local news papers. Information may also be obtained from the Secretary, Faculty Council for Postgraduate Studies in Sciences, Engineering & Technology and Agriculture & Veterinary Science, 92, Acharyya Prafulla Chandra Road, Calcutta-9.

Conveners *Agronomy* Dr B Bhattacharya *Agril Chem & Soil Sc* Prof S K Gupta
Genetics & Plant Breeding Prof S P Banerjee *Horticulture* Dr S Sen *Plant Physiol*
Prof T M Das *Librarian* Shri S Sengupta *Superintendent (Hostel)* Dr S K Pal.

**ALL INDIA INSTITUTE OF HYGIENE
AND PUBLIC HEALTH**

**(Department of Veterinary Public Health)
110 Chittaranjan Avenue
Calcutta 700073**

ESTABLISHMENT 1932

PHONE 34-5271

MANAGEMENT Government

GRAM Healthinst

DIRECTOR Dr B N Ghose

Course MVPH

Duration 2 years

Seats 10

The degree of MVPH conferred under the Faculty of Agriculture & Veterinary Science of University of Calcutta is conducted by the Department of Veterinary Public Health which is supported by IVRI and functions in collaboration with All India Institute of Hygiene and Public Health.

Veterinary Public Health is a component of public health activities that are devoted to the professional veterinary skills, etc. The main objective of this programme is to develop a better understanding of morale of vety sciences vis-a-vis health sciences.

Candidates after one year of passing the MBBS or BVSc & AH exam are eligible for admission to MVPH programme. Course Contents : Microbiol, Epidamiology, Nutrition in Public Health, Environmental Health & Sanitation, Physiological and Industrial Hygiene, Public Health Admn & Social Med, Health Edn, Behavioural Sciences, Occupational Health, Food Hygiene & Tech, Zoonoses, Comparative Pathol & Med, Laboratory Animals—Health, Production, Gnotobiology.

Special Features The Institute provides multi-professional health training facilities for various disciplines. The degree programme has been designed to impart both theoretical and practical instructions to students to enable them to plan, implement and evaluate public health programmes and specially to understand the ecological proximity of man with animals and the influence of animals on human health. The department is engaged in studies on brucellosis, rabies, zoonotic, diarrhoeal and helminthic infections.

Heads of Departments *Vet Public Health* Dr G P Sen *Microbiol* Prof Usha Gupta.

38 **CALCUTTA**

REV CAREY INSTITUTE OF HORTICULTURE

1 Alipore Road, Calcutta 27

ESTABLISHMENT 1961

PHONE 45-2613

MANAGEMENT Agri-Hort Society

GRAM Agrihot

PRINCIPAL Shri B N Mazumder

Course Cert in Horticulture Duration 1 year

Seats 10

Request for application

July

Last date

Eligibility Age 17-25 years. Academic qualification Secondary School with Agri or Bio-Sc. Candidates should possess good health. Application form can be obtained from the Institute by sending a self-addressed stamped envelope. Selection is based on merit in qualifying exam and interview. Fees Rs 20 pm. Hostel seats for 10 candidates. The course involves intensive training in the principles and practices of horticulture.

C S AZAD UNIVERSITY OF AGRICULTURE & TECHNOLOGY

EXTENSION EDUCATION PROGRAMMES

The main research thrust of the department are : Agricultural Communication with particular reference to research on media and methods of communication and testing them in the field in different areas, situation and problems—sociological and psychological, supervision, coordination and training in relation to on-going programmes. The department of Agricultural Extension is imparting extension services to the farmers and extension workers primarily through training, advisory and publicity functions. In order to make the latest technology available to farmers, demonstrations on farms of small and marginal farmers of Kanpur and Unnao districts are carried out displaying the inter-cropping of main oilseeds and pulses crops. The demonstrations, agronomical practices, top dressing of fertilizers, irrigation are carried out and field days are held to make even the neighbouring farmers aware of practical knowledge about the latest techniques. As a result of demonstrations, farmers receive information about the latest varieties, useful crop cycles and farm technology which result in increased crop production. Under Lab to Land scheme, 11,250 demonstration of rabi & kharif crops were carried out in different districts of the State. The University also conduct demonstrations on the fields of small and marginal farmers, especially backward castes in districts of Raibareli, Kanpur, Jhansi, Mainpuri and Mathura.

COLLEGE OF AGRICULTURE (Faculty of Agriculture) Kanpur 208002

ESTABLISHMENT 1893

PHONE 244466 (PBX)

MANAGEMENT University

GRAM Agrivarsity

DEAN Dr H G Singh

Courses* BSc (Ag & AH)

Duration 3 years (6 semesters)

Seats 120

MSc (Ag)

PhD

Request for application

March/April

Last date

April/May

*Details relate to BSc (Ag & AH) course

Reservations SC/ST 18% Backward Classes 15% Children/spouses of univ employees 5%. Govt of India/ICAR nominees 10%.

Eligibility Age Maximum 22 years (relaxable by 3 years for SC/ST/BC candidates).
Academic qualification Intermediate in Agri/Sc or equivalent.

Application form and prospectus can be obtained from the Registrar, C S Azad University of Agriculture & Technology, Kanpur, on cash payment of Rs 10 or by crossed IPO of Rs 15 favouring the Comptroller of the univ payable at Nawabganj Post office if desired by post. Completed application should reach the univ by the notified date.

Selection is made on merit obtained in Pre-Agriculture Test (PAT) conducted by the univ at Bareilly, Gorakhpur, Kanpur and Mathura centres. 50% aggregate marks are required to qualify the test. Weightage is given to children of defence personnel, sportsmen. ICAR/Govt nominees are not required to appear in the test.

Fees Tuition fee Rs 90 and other charges Rs 160 per semester.

Scholarships Merit scholarships, Military & Freedom Fighters scholarships, SC/BC scholarships, ICAR merit-cum-means scholarships, National scholarships, National Loan scholarships and UP Technical Education Loan etc are available.

Hostels Residence is compulsory. Lodging Rs 5 to 16 and boarding Rs 260 pm.

Postgraduate Courses MSc (Ag) in Agril Biochem, Agril Econ, Agril Entomology & Zool, Agril Extn, Agronomy, Animal Husbandry & Dairying, Genetics & Plant Breeding, Home Sc; Horticulture, Plant Pathol, Plant Physiol, Seed Tech, Soil Conservation & Water Mgt, Soil & Agril Chem. **Duration** 2 years (4 semesters).

Research Studies Facilities for PhD are available.

Heads of Departments *Agril Biochem* Dr G P Srivastava *Agril Econ & Stat* Dr R I Singh *Agril Engg* Dr R K Srivastava *Animal Husbandry & Dairying* Dr N S Kushwaha *Horticulture* Dr A Prasad *Seed Tech* Dr R D Goel *Soil Sc & Agril Chem* Dr A N Pathak *Soil Conservation & Water Mgt* Dr Suraj Bhan *Hostel Wardens* Dr P Shukla, Dr R S Bisen, Dr R M Upadhaya, Dr V S Verma, Dr R S Singh, Dr R K Pathak and Dr P Singh *Librarian* Shri S P Srivastava.

COLLEGE OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

(Faculty of Veterinary Science)

Mathura 211002

ESTABLISHMENT 1947

PHONE 3288

MANAGEMENT University

GRAM Vetcol

DEAN Dr B P Singh

Courses* BVSc&AH

Duration 5 years (with
1 yr internship)

Seats 65

MVSc
PhD

Request for applicatton March/April

Last date May

Reservations SC/ST 18% Backward classes 15% Children/spouses of univ employees 5% Nominees of Govt of India/ ICAR 10 *seats* State Govt 5 *seats*.

Eligibility Age Maximum 22 years (relaxable by 3 years for SC/ST/BC candidates).
Academic qualification Intermediate (Sc) with Biol or Agri of U P Board or equivalent.
Nominated candidates must secure 55% aggregate marks in qualifying exam.

Application form and prospectus can be obtained from the Registrar, C S Azad University of Agriculture & Technology, Kanpur on cash payment of Rs 10 or by crossed IPO/Bank draft of Rs 15 favouring the Comptroller of the University payable at Nawabganj Post Office, if desired by post. Completed application must reach the university by the notified date.

Selection is made on merit obtained in entrance exam conducted by the University comprising Phy, Chem, Biol and Zool. The test is held at Bareilly, Gorakhpur, Kanpur and Mathura. Minimum 50% aggregate marks are required to qualify the test. Nominated candidates are not required to appear in the test.

Fees Tuition fee Rs 180 pa. Other charges Rs 160 per semester.

Scholarships Merit scholarships of Rs 40-65 pm, stipends, freeships to poor and deserving (including SC) candidates, Merit-cum-Means scholarships are available. Candidates holding scholarship/stipend are also exempted from payment of tuition fee.

Hostels Residence is compulsory. Lodging Rs 5 to 16 pm ; Boarding Rs 260 pm.

*Details relate to BVSc&AH course

Postgraduate Courses MVSc in Anatomy, Animal Genetics & Breeding, Animal Nutrition, Biochem, Bacteriol, Obst & Gynae, Med, Parasitol, Pharmacol, Poultry Sc and Surgery. Duration 2 years.

Research Studies Facilities for PhD are available.

Heads of Departments *Anatomy* Dr G Chandra *Agri Fodder Crops* Shri K K Chooramani *Animal Genetics & Breeding* Dr B P Singh *Animal Mgt* Dr Om Pal Singh *Biochem* Dr R K Srivastava *Dairying* Dr R C Upadhyaya *Animal Nutrition* Dr C S Barsaul *Extn Edn* Dr P C Yadav *Gynae* Dr H C Pant *Med* Dr P Rai *Microbiol & Immunology* Dr R C Pathak *Parasitol* Dr S S Ahluwalia *Pathol* Dr J N Dwivedi *Pharmacol* Dr M Sabir (on leave) *Physiol* Dr M D Pande *Poultry Sc* Dr R K Srivastava *Hostel Wardens* Dr Y S Bhatia, Dr Deo Prakash, Dr D N Rai *Librarian* Shri R B Jain.

COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY

DEPARTMENT OF INDUSTRIAL FISHERIES

Fore Shore Road, Cochin 682016

ESTABLISHMENT 1976

PHONE 354711

MANAGEMENT University

PROF & HEAD Dr C T Samuel

Course	MSc (Industrial Fisheries)	Duration	2 years (4 semesters)	Seats	15
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Request for application July

Last date As per notification

Reservations SC/ST 1 seat Backward Classes 2 seats State nominees 5 seats

Eligibility BSc degree with Zool main with 55% marks.

Application form is available on payment of Rs 60 by a crossed IPO in favour of Head of the Department. Completed applications should reach the Head by the notified date.

Selection is based on qualifying marks and performance in entrance test of 3 hours duration and interview.

Fees Rs 1091 for the course.

Scholarships Two merit scholarships of Rs 1,200 pa are available for each batch. State scholarships for SC/ST, Fishermen communities candidates are also available.

Hostels Accommodation is available in univ hostels. Lodging Rs 20 Boarding Rs 250.

Research Studies Full-time research studies are available. Part-time research facilities may be offered to scientists employed in Fisheries institutions. Consultancy in the specialised subjects are also available.

Statistics (1985) 230 applications were received.

Special Features MSc course is inter-disciplinary with special emphasis on field trips, economic surveys and factory training. Leading Scientists, Fishery

Specialists are invited as guest Faculty. MSc subjects include Fisheries Resources ; Fishing Craft and Gear Technology ; Fish Processing Technology ; Fisheries Economics and Management. The curriculum also includes practicals and regular field work. Students complete 3 months practical training in Seafood industries.

Extension Activities Education for fishermen, aquarium show and seminars on fisheries problems. The department propose to undertake State level investigations on Brackish water fisheries.

CENTRE OF ADVANCED STUDIES IN MARICULTURE

(Central Marine Fisheries Research Institute)

EGS Road, Cochin 682031

ESTABLISHMENT 1947

PHONE 367459

MANAGEMENT ICAR

GRAM Cadalmin Ernakulam

DIRECTOR Dr P S B R James

Courses MSc (Mariculture)

PhD

Although 'Farming of Water' is being practised since ancient times and its history in India dates back to 350 BC, mariculture is of recent origin. It is only during the last decade that the scope and prospects of sea farming in improving economy and employment are recognised. But the trained personnel to execute the mariculture programmes are not available. This constraint is hampering the development and expansion of this field. It is in this context that the MSc programme in Mariculture has been started and is being conducted under the Centre of Advanced Studies in Mariculture. It is a sub-project of the ICAR/UNDP on Centre of Advanced Studies for Postgraduate Agricultural Education and Research and forms a part of the Central Marine Fisheries Research Institute (CMFRI).

Admission Candidates who are BSc with appropriate subjects (Zool, Bot, Chem or Biochem) of a university in Kerala or BFSc or an equivalent with 55% marks in the optional subjects (50% in case of SC/ST candidates) are eligible for MSc (Mariculture) course. Duration 2 years (4 semesters). Ten students are admitted each year. The selection is based on merit in qualifying exam, entrance test and interview. The upper age limit is 24 years (29 years for SC/ST candidates). Candidates must be medically fit.

Course Contents Basic Sciences, Marine Biol, Coastal Hydrography, Physiol, Endocrinology and Cytogenetics of marine animals, Fish and Fishery Biol, Fisheries, Finfish Culture, Fish Farm Engg Tech, Culture of Crustacea, Culture of Mollusca, Culture of seaweeds and synergetics, Research Methodology, Management of Mariculture farms.

Research Studies Facilities for PhD exist.

Special Features The CMFRI is a premier national institute. It conducts short-term and long-term multidisciplinary researches in the country in order to provide research support for the rational exploitation of the marine resources for stepping up production from the coastal water areas through transfer of technology, dissemination of information, education, training and extension. The institute has a Regional Centre at Madapam Camp, 11 Research Centres and 29 Field centres. The institute has adequate laboratory facilities for carrying out researches on biology, ecology and physiology of marine organisms; fishery oceanographic studies; analysis of water quality, pollution and soil and for studies on productivity.

Heads of Departments *Fishery Resources* Dr K Alagaraj *Fisheries Extn & Econ* Mr T Jacob *Pelagic Fisheries* Shri K V N Rao *Demersal Fisheries* Shri C Kukundan *Crustacean Fisheries* Shri M S Muthu *Molluscan Fisheries* Dr K Alargarswami *Fisheries Environment & Mgt* Dr P V Ramachandran Nair *Physiol, Nutrition & Pathol* Dr P Vedavyasa Rao *Library & Documentation* Shri K N Krishna Kartha.

DR Y S PARMAR UNIVERSITY OF HORTICULTURE & FORESTRY

EXTENSION EDUCATION PROGRAMMES

The Directorate of Extension Education plays a vital role in the spread of technical know-how of the laboratories to the farming communities of the State. Training programmes on National, State, district, Regional and village level are organised in collaboration with various sponsoring agencies. The technology is disseminated by setting up demonstration centres on vegetable and fruit crops, trials by specialists on the farmers field in the disciplines of entomology, pathology, soil science, horticulture. 15 such adaptive trials were conducted during last year. Lab to Land programme covered 250 farm families which have been adopted where the university scientists helped in motivating marginal and poor farmers for off-season vegetable and horticulture programmes. The scientists help the orchardists and farmers in educating them through radio talks, publishing of technical information in the university's technical/popular journals, supplying the package of practices for fruits and forests, distributing the pamphlets, leaflets, handouts and holding of training camps. The attempt is made to educate and train the growers for efficient plant protection approach for correction of micro-nutrient deficiencies and training the growers on application of technology to increase production.

COLLEGE OF HORTICULTURE & FORESTRY

(Formerly College of Agriculture)

Oachghat-Solan 173230 (H P)

ESTABLISHMENT 1962

PHONE 44

MANAGEMENT University

DEAN Dr B R Tripathi

Courses*	BSc (Ag)	Duration	5/4 years	Seats	20 each
	BSc (Forestry)		4 years		20
	MSc (Ag)				
	PhD				

Request for application

Mid June

Last date

One month from the date of
Advt

*Details relate to first Degree courses.

Reservations Domiciled candidates 75%. Open seats 15% (SC 15% ST 7.5% Rural Areas 60% Children of Serving/ex-Defence personnel 2%) ICAR nominees 10%. Certain seats are reserved for children of univ employees, Rajput & Khalet Panchayat Area and sports candidates.

Eligibility Age Maximum 20/21 years (5/4 years programme). **Academic qualification** High School in Sc/Agri or equivalent exam with 50% marks for 5-year programme and Hr Sec/Pre-Univ/10+2 with Sc/Agri or Pre-Engg/Med or equivalent for 4-year programme. Minimum 50% aggregate marks are required in qualifying exam for those candidates who have studied in a School in a foreign country. Relaxation of 5% marks is allowed to SC/ST candidates. Candidates should be medically fit.

Application form and prospectus can be obtained from the Dean of the College or Registrar, Dr Y S Parmar University of Horticulture & Forestry, Solan on cash payment of Rs 8 or by post by sending IPO of Rs 12. Completed application should reach the Registrar of the Univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam and interview. Weightage is given to sportsmen.

Fees Tuition fee Rs 50 per semester. Rs 450 is payable at the time of admission.

Scholarships ICAR merit-cum-means scholarships of Rs 125 pm to 7.5% of students, ICAR Human Resources Development Scholarship of Rs 150 pm + Rs 600 pa for tuition fees, College merit scholarships of Rs 125 pm, National loan scholarships of Rs 75 pm besides univ students & fee concessions are available.

Hostel facilities available. Residence is optional. Lodging Rs 25-50 per semester ; Boarding Rs 250 pm.

Postgraduate Courses MSc (Ag) in Entomology & Apiculture, Forestry, Mycology & Plant Pathol, Pomology & Fruit Tech, Vegetable Crops & Floriculture. Duration 2 years.

Research Studies Facilities for PhD exist in all PG disciplines. The Central Institute for Cotton Research (ICAR) Nagpur, is the recognised and approved centre for carrying PG research in the disciplines of Mycology and Plant Pathology.

Special Features Students are required to undergo educational tours and participate NCC/NSS activities being integral part of an academic programme.

Heads of Departments *Agri Engg* Shri B P Singh *Agri Econ* Dr S C Tewari *Agronomy & Agromet* Dr K K Singh *Animal Sc* Dr Y C Jain *Entomology* Dr G S Dogra *Extn Edn* Dr O P Sharma (*Deputy Director*) *Forestry* Dr PK Khosla *Horticulture (Pomology & Fruit Tech)* Dr T R Chadha *Mycology & Pathol* Dr R K Agarwala *Plant Breeding* Dr R K Sharma *Soil Sc* Dr A R Bhandari *Vegetable Crops & Floriculture*

48 DR Y S PARMAR

Dr P P Sharma *Hostel Wardens* Dr Bidhi Singh Kanwar. Dr J N Bhargava *Asstt Librarian* Shri S C Uppal.

Statistics (1985) Applications received : BSc (Ag) 5/4-year programme 335/145. BSc (Forestry) 121. Admissions made : BSc (Ag) 5/4 year programme 40/49. BSc (Forestry) 20.

GANDHIGRAM RURAL INSTITUTE

FACULTY OF AGRICULTURE AND ANIMAL HUSBANDRY

Gandhigram 624302 Anna Distt

ESTABLISHMENT 1956

PHONE 385 Chinnalapatti

MANAGEMENT Institute
(Deemed University)

GRAM Gramvarsity

DEAN Shri M S Karuppuswamy

Course Dip in Agri

Duration 2 years
(4 semesters)

Seats 50

Request for application

May

Last date

June

Reservations SC/ST 18% Backward community 50%.

Eligibility Age 17 years Academic qualification Hr Sec exam with Biol or Vocational course in Agri. Graduates who have studied Biol as a subject at Pre-Univ are also eligible. Certificate holders of the Institute and Sri Ramakrishna Mission Vidyalaya, Coimbatore may be admitted to the 2nd year.

Application form and prospectus can be obtained from the Registrar of the Institute on payment of Rs 10 through MO/Bank draft. Completed application should reach the Institute by the notified date.

Selection is made on the basis of marks obtained in the qualifying exam and interview.

Medium of Instruction Tamil.

Fees Tuition fee Rs 90 per semester.

Hostels Seats for 100 students. Boarding Rs 150 pm. Lodging Rs 140 pa.

Scholarships Govt scholarships to SC/ST/backward class candidates, fee concession and stipends are available.

Special Features Emphasis is laid on practical work for rural development,

50 GANDHIGRAM

Extension Activities are carried out mainly to transfer technologies to the farmers and to identify their field problems for proper solution. 'Lab to Land' programme is being implemented with the main aim of improving the economic condition of the farmers/landless labourers.

Heads of Departments *Agri* Shri T Ranganathan *Agri Engg* Shri R Udhayakumar *Animal Sc & Husbandry* Dr S Subbiah *Dairy Sc* Miss M Seethalakshmi *Entomology* Shri R Shanmugavelu *Extn Edn* Shri S K Gopal *Horticulture* Miss Geetha Nagarajan *Soil Sc* Shri S Kulandaisamy *Hostel Warden* Shri M S Karuppuswamy *Librarian* Shri N Armugam.

Statistics (1985) Applications received 1,780.

UNIVERSITY OF GORAKHPUR

B R D COLLEGE Deoria, U P

ESTABLISHMENT 1955

MANAGEMENT Trust

Courses* BSc (Ag)
MSc (Ag)

Duration 3 years

Eligibility Intermediate (Ag) of the Board of High School & Intermediate Edn, U.P.
or equivalent.

Postgraduate Course MSc (Ag).

(For other details please write to the Principal)

GOVERNMENT DEGREE COLLEGE Jakhini, Varanasi 221305

ESTABLISHMENT 1972

GRAM Jakhini

MANAGEMENT Government

PRINCIPAL Prof N S Srivastava

Course BSc (Ag)

Duration 3 years

Reservations SC/ST candidates.

Eligibility Intermediate (Ag) exam of UP Board or equivalent.

Application form and prospectus can be obtained from Principal of the college on cash payment of Rs 4 or through crossed IPO drawn in favour of the college together with a stamped (Rs 1.10) envelope of $9\frac{1}{2}'' \times 4\frac{1}{2}''$. MO is not accepted. Completed application should reach the College by the notified date.

*Details relate to BSc (Ag) course

52 GORAKHPUR

Selection Admission is made on the basis of marks obtained in the theory papers of qualifying exam. Weightage is given to children/spouse of affiliated college's employees, sportsmen, NCC.

The course commences in September.

Fees Tuition fee Rs 12 pm.

Fee concession to poor and needy students is available.

Extention Activities Under this programme Jakhini village has been adopted to study farmers problems and working of Panchayats/Cooperatives with the purpose to help them in solving their problems. Villagers are made aware of modern techniques of agriculture by demonstration through posters, playcards and audio-visual aids.

Heads of Departments *Agril Engg* Prof Jagannath Pd *Agril Marketing & Coop* Agri Dr H K Pandey *Animal Sc & Husbandry/Dairying* Prof P R Maurya *Entomology/Fisheries* Dr Chandrabhan Singh *Genetics and Plant Breeding* Prof C Ram *Horticulture* Dr U P Sharma *Poultry Sc* Dr C B Singh *Soil Sc* Prof Jaggan Pd *Librarian* Sri Lal Chand Ram.

NATIONAL DEGREE COLLEGE P O Barhalganj, Gorakhpur 273001

ESTABLISHMENT 1960

PHONE 32-Barhalganj

MANAGEMENT Trust

PRINCIPAL Sri L K Dwivedi

Course BSc(Ag)

Duration 3 years

Seats 120

Reservations SC/ST Foreigners nominated by the Govt of India Domiciled candidates Other States.

Eligibility Intermediate exam with appropriate subjects.

Application form and prospectus can be obtained from the college on payment.

Selection Admission is made on merit basis.

Fees Tuition fees Rs 132 pa.

Heads of Departments *Agril Engg* Sri Hridaya Nath Tripathi *Agril Marketing & Coop* Sri Radha Mohan Srivastava *Agronomy* Sri A P Misra *Dairying/Dairy Sc & Animal Husbandry* Sri R R Rai *Entomology* Sri Kailash Chand Srivastava

Extn Edn Sri Bhaskar Mishra *Fisheries/Sericulture/Poultry Sc* Sri Jagannath Chaturvedi
Genetics & Plant Breeding Sri Gouri Shankar Dubey. *Horticulture* Sri Sant Ram
Verma *Microbiol/Plant Pathol & Plant Protection* Sri A Rai Soil Sc Sri Virendra
Kumar Mishra *Vety Pharmacol* Sri Aditya Narain Upadhyai *Hostel Warden* Sri
Bhaskar Misra *Librarian* Sri Ram Krishana Mishra.

POSTGRADUATE COLLEGE

Rabindrapuri, Ghazipur 233002

ESTABLISHMENT 1957

PHONE 272

MANAGEMENT Trust

PRINCIPAL Dr Sarju Tiwari

Course BSc (Ag)

Duration 3 years

Seats 120

Request for application June

Last date July

Reservations SC 18% ST 2%.

Eligibility Intermediate (Ag) or equivalent.

Application form and prospectus can be obtained from the Principal of the College on cash payment of Rs 5 or Rs 9 if required by post. Completed application should reach the College by the notified date.

Selection Admission is made on the basis of marks obtained in High School and qualifying exam. Weightage is given to internal candidates, sportsmen, wards/dependents of Univ/college staff.

Fees Tuition fee Rs 12 pm. A sum of Rs 435.50 is payable at the time of admission.

Scholarships Merit-cum-means scholarships and scholarships to poor boys from students Aid Funds are available.

Hostel facilities are available. Rent Rs 8-12 pm.

Heads of Departments *Agri* Sri Brijendra Nath Singh *Animal Husbandry* Sri Jagdish Narain Singh *Coop & Banking* Dr RB Singh *Entomology* Sri B K Singh *Extn Edn* Sri Jagdish Narain Singh Gautam *Genetics & Plant Breeding* Sri Mani Ram Singh *Horticulture* Shri Sri Niwas Singh *Poultry Sc* Sri Prem Shanker Singh *Sericulture* Sri Babu Ram Yadav. *Hostel Warden* Sri Birendra Bahadur Singh *Librarian* Shri Hem Nath Jha.

54 GORAKHPUR

SHRI DURGA JI P G COLLEGE

Chandesar, Azamgarh, U P

ESTABLISHMENT 1958

PHONE 2354

PRINCIPAL Sri D P Mishra

Courses* BSc (Ag)

Duration 3 years

MSc (Ag)

Eligibility Inter (Ag) of Board of High School & Intermediate Education, UP.

Postgraduate Course MSc (Ag).

Heads of Departments *Agril Engg/Genetics & Plant Breeding* Dr R P Singh *Agril Marketing & Coop/Extn Edn* Shri I D Yadava *Animal Husbandry/Vety Sc* Shri Bhaskar Tiwari *Dairying/Dairy Sc* Shri S D Yadava *Entomology* Shri D N Pathak *Fisheries/Poultry Sc* Shri M N Chaubey *Horticulture* Shri A P Singh *Soil Sc* Shri D N Shrivastava *Hostel Warden* Dr M N Pathak *Librarian* Shri Shri N B Singh.

S M M TOWN POSTGRADUATE COLLEGE

Ballia (U P) 277001

ESTABLISHMENT 1955

PHONE 497

MANAGEMENT Trust

PRINCIPAL Dr R K Yadav

Courses* BSc (Ag)

Duration 3 years

Seats 120

MSc (Ag)

PhD

Request for application

July

Last date

Reservations SC/ST candidate 20 seats.

Eligibility Intermediate in Agri or equivalent.

Selection

Fees

Scholarships

} According to univ rules.

*Details relate to BSc (Ag) Course.

Hostels Seats for 116 students.

Postgraduate Courses MSc (Ag) in Agril Bot and Agril Econ.

Duration 2 years.

Research Studies PhD facilities exist.

Heads of Departments *Agril Engg* Shri K K Singh *Ag Econ* Dr S P Upadhyay *Agronomy* Shri R M L Srivastava *Animal Husbandry, Vety Sc & Dairying* Shri M S Saxena *Entomology* Shri T N Pandey *Extn Edn* Shri R K Sinha *Agril Bot* Shri Babban Singh *Horticulture* Shri T P Singh *Agril Chem, Soil Sc* Shri Arjun Singh *Plant Pathol* Dr Lallan Singh *Soil Conservation* Shri Prem Shanker Singh *Hostel Warden/Superintendent* Dr S R Singh, Dr Lallan Singh *Librarian* Shri Rajeshwar Nath Srivastava.

T D COLLEGE
Jaunpur, U P

ESTABLISHMENT 1948

PHONE 239

MANAGEMENT Trust

PRINCIPAL Dr P K Singh

Course BSc (Ag)

Duration 3 years

Eligibility Intermediate (Ag).

(For other details please write to the Principal)

UDAI PRATAP COLLEGE
Varanasi 221002

ESTABLISHMENT 1949

PHONE 42248

MANAGEMENT Trust

PRINCIPAL Dr O P S Sengar

Courses* BSc (Ag)

Duration 3 years

Seats 180

MSc (Ag)

PhD

Request for application

June/July

Last Date

July

*Details relate to BSc (Ag) course

56 GORAKHPUR

Reservations SC 18% ST 2%.

Eligibility Age No restriction. **Academic qualification** Inter (Sc) with Agri exam.

Application form and prospectus can be obtained from the principal of the College on payment of Rs 8 in cash or by MO. Completed application should reach the college by the notified date.

Selection is made on the basis of marks obtained in theory papers of qualifying exam and interview.

The course commences in August.

Fees Tuition fee Rs 132 pa.

Scholarships **Freeships** Scholarships of Rs 100 pm to 9% of students and SC/ST scholarships are available.

Hostels Seats for 350 boys. Residence is optional. Lodging Rs 250 pa and boarding Rs 250 pm.

Postgraduate Courses MSc (Ag) in Animal Husbandry & Dairying, Horticulture and Agril Econ. **Duration** 2 years.

Research Studies PhD facilities exist.

Special Features The college has dairy & poultry farms for the training of students.

Heads of Departments *Agril Engg* Sri Moti Singh *Agril Marketing & Cooperation* Dr B B Singh *Agri* Dr L N Singh *Animal Sc, Husbandry/Dairy Sc/Tech/Poultry Sc* Sri S R Singh *Entomology* Dr Gulab Singh *Extn Edn* Dr P N Singh *Genetics and Plant Breeding* Dr J N Singh *Horticulture* Dr C S Singh *Microbiol and Plant Pathol* Sri J A Nathan *Soil Sc* Sri K P Singh *Chief Hostel Warden* Sri Bindhyachal Singh *Librarian* Sri B Upadhyay.

G B PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY

EXTENSION EDUCATION PROGRAMMES

The knowledge developed through research in the field of agriculture technology is promptly transferred to farmers through well organised extension activities. Field crop demonstrations on farmers fields have been found effective as successful means of educating the farmers. National demonstration scheme is implemented through a team of specialists with a view to train local field extension workers and farmers. Fruits orchards are adopted in Kumaun hills for improved management practices. To adopt a new farm technology, stress is laid on training, meetings, group discussions, krishak mandal meetings, kisan diwas. Expert advice is given on problems relating to entomology, plant pathology, testing of soil, irrigation, water management, fertilizer samples, diagnostic services for nutritional disorders, animal science, etc. which are regular programmes of different units of Extension Directorate. An extension bulletin on practical feeding of cattle and buffaloes, handouts, slices, folders, video film, articles related to various problems of animals are published. The work for improvement of animal health and production is carried out in Tarai area villages which are adopted for veterinary extension services. Poultry extension programmes, agricultural engineering projects are operating at various centres. Lab to Land programme has adopted over 100 families in four districts as a result of which average yield has increased by 70%. Continuing education programmes have been initiated for the benefit of farmers and school dropouts. The Directorate is running correspondence course in 14 specific areas in Hindi. Farmers are given new advances in agricultural production. 20-point programme is carried out in an organised way in the adopted villages.

Director Extension Dr M P Singh

COLLEGE OF AGRICULTURE**Pantnagar 263145****Distt Nainital**

ESTABLISHMENT 1960

PHONE 291

MANAGEMENT University

GRAM Pantvarsity

DEAN Dr R P Chaudhary

Courses BSc (Ag) & AH

Duration 3 years
(6 semesters)

Seats 120

BSc (Forestry)*

Request for application

January/February

Last date

March

Reservations SC 18% ST 2% Backward classes 15%. Over and above the sanctioned seats : Children/dependents of Defence personnel 1 seat Hill districts 3% Freedom fighters 3% Children/spouses of univ employees 5% ICAR nominees 10% Village Development Officers sponsored by the State Govt 30 seats.

Eligibility Age 22 years (Maximum) as on November 30 (relaxable by 3 years in case of SC/ST /Backward Class candidates). **Academic qualification** Intermediate in Agri or Sc with Maths/Biol with second division in High School and Intermediate. For village development officers 40% marks in Inter (Sc/Agri) exam with 2-year Diploma and must have five years field experience. Nominated/foreign candidates must have obtained 55% marks in qualifying exam and 45% at High School exam or 60% marks at the qualifying exam if percentage of marks at High School is less than 45% or 50% marks at degree level. Candidates should be physically fit.

Application form and prospectus can be obtained against cash payment of Rs 10 from the Registrar (Admissions), G B Pant University of Agriculture & Technology, Pantnagar 263145 or by sending bank draft drawn in favour of the univ on State Bank of India, (Code No. 1133)/United Commercial Bank, Pantnagar Branch along with self-addressed stamped (Rs 3) envelope of 10" x 7". Cheques/IPOs/MOs are not accepted. Completed application with fee of Rs 50 should reach the univ by the notified date.

Selection is made on the basis of merit obtained in the competitive entrance exam conducted by the univ and held at Agra, Allahabad, Delhi, Hyderabad, Lucknow, Pantnagar, Roorkee and Varanasi. The exam is of 3 hours duration and consists of multiple choice prototype objective questions on mental ability, scholastic achievement test in Sc, Maths, Language, etc. Syllabus is of Inter standard. Common categorywise list is prepared on the basis of marks obtained in the entrance

*Presently BSc (Forestry) is conducted at this college. In subsequent years it may be offered at Ranichauri Campus.

exam. Weightage is given to candidates who have passed qualifying exam from an institution located in rural areas and to sportsmen/women. Candidates nominated/ sponsored by the State Govt/ICAR/ self-supporting foreign students are exempted to appear in the test.

Fees Tuition fee Rs 15 pm.

Scholarships Univ merit scholarships of Rs 125 pm, Bursary scholarships to 5%, freeships and sp-rts freeships to 25% of students and scholarships and financial assistance by ICAR/nationalised banks/Private Trusts are available.

Hostels Residence is compulsory. Lodging Rs 5 to 20 and Boarding Rs 200 to 400 pm.

Master's Programme Agronomy, Agril Econ, Animal Breeding, Animal Nutrition Bio-chem, Dairy Husbandry, Environmental Sc, Entomology, Microbiol, Horticulture. Plant Breeding, Plant Pathol, Soil Sc, Rural Banking & Agril Econ, Poultry Husbandry.

Special Features Work programme requiring the students to do a certain amount of supervised manual labour regularly and National Social Service are integral part of instructions and carry credits. The grade so obtained in these activities are counted while calculating overall rating.

Heads of Departments *Agril Communication* Dr J K Doshi *Agril Econ* Dr V K Pandey *Agronomy* Dr K C Sharma *Animal Sc* Dr M L Verma *Entomology* Dr B P Khare *Food Sc & Tech* Dr N S Verma *Horticulture* Dr Sant Ram *Plant Breeding* Dr B P Pandya *Plant Pathol* Dr A N Mukhopadhyaya *Soil Sc* Dr T A Singh *Librarian* Dr Ram Tirath.

COLLEGE OF POSTGRADUATE STUDIES

Pantnagar 263145

ESTABLISHMENT 1963

PHONE 238

MANAGEMENT University

GRAM Pantvarsity

DEAN Dr R S Singh

Courses MSc

PhD

BSc degree holders with 60% marks in relevant subjects group are eligible. **Disciplines** MSc (*Agri*) Agril Econ, Agril Communication & Extn, Agronomy, Entomology, Horticulture, Plant Breeding, Plant Pathol, Rural Banking and Agril Econ, Soil Sc. *MVSc* Vet Anatomy, Vet Bacteriol, Vet Gynae and Obst, Vet Hygiene and Pub Health, Vet Med, Vet Parasitol, Vet Pathol, Vet Pharmacol, Vet Physiol, Vet

Surgery. *MSc (Agri)/MVSc (Joint Programme)* Animal Breeding, Animal Nutrition, Dairy Husbandry, Poultry Husbandry. *MTech (Agril Engg)* Farm Machinery and Power, Irrigation and Drainage, Post Harvest and Process Engg, Soil and Water Conservation Engg. *MSc (Ag) & MSc Biochem, Microbiol.* *MSc Food Tech, Maths, Phy, Plant Physiol, Rural Development Mgt, Agril Stat, Agril Chemicals.* Duration 2 years each.

Research Studies PhD facilities exist.

Special Features Univ appoints part-time graduate assistants from amongst the Post-graduate and PhD students at Rs 250-300 pm to help in prosecuting their studies.

Heads of Departments *Agronomy* Dr K C Sharma, *Agril Engg* Dr H S Chauhan *Agril Marketing & Coop* Dr V K Pandey *Animal Sc* Dr M L Verma *Entomology* Dr B P Khare *Food Sciences* Dr N S Verma *Genetics & Plant Breeding* Dr B P Pandya *Horticulture* Dr Sant Ram *Microbiol* Dr B N Jauhari *Plant Pathol* Dr A N Mukhopadhyay *Soil Sc* Dr T A Singh *Vet Med* Dr H C Joshi *Vet Pathol* Dr N P Singh *Vet Pharmacol* Dr H S Bahga *Vet Public Health* Dr V B Singh.

COLLEGE OF TECHNOLOGY

Pantnagar 263145

ESTABLISHMENT 1962

PHONE 1/34, Rudrapur

MANAGEMENT University

GRAM Technology

DEAN Prof A K Dhol

Course BTech (Agril Engg)

Duration 4 years
(8 semesters)

Seats 40

Request for application

January/February

Last date

March

Reservations SC 18% ST 2% Backward classes 15% Other States 15%. Over and above the sanctioned seats : Children of Defence personnel 1 seat Hill Districts 3% Univ employees children 5% ICAR/State Govt nominees 10% Children of freedom fighters of UP 3%.

Eligibility Age 21 years (relaxable for SC/ST candidates). **Academic qualification** Intermediate Sc (Phy, Chem, Maths/Biol) or Agri or equivalent exam. Nominated/sponsored/self supporting foreign candidates must have obtained 60% marks in the qualifying exam. Candidates must be medically fit.

Application form and information brochure can be obtained against cash payment of Rs 12 or by post from the Coordinator, Admission Committee, Kamla Nehru

Institute of Technology, Sultanpur-228118 by remittance of IPO of Rs 12 in favour of the said agency. The question papers of the previous years are also available on payment of Rs 5 per set per year from the aforesaid agency.

Selection Admission is made on the basis of marks obtained in the Combined Entrance Exam conducted by Kamla Nehru Institute of Technology. Weightage is allowed to candidate belonging to rural areas and for proficiency in sports.

Syllabus for entrance exam will cover Phy, Chem, Biol, Maths and Agril of Intermediate standard.

Sponsored candidates including self-supporting foreign students are exempted from taking entrance exam.

Medium of Instruction English.

Fees Tuition fee Rs 15 pm. At the time of admission a sum of Rs 212 is payable.

Scholarships Merit scholarships of Rs 125, Bursary scholarships of Rs 100, Free-ships, Sportsmen freeships to 25% of students on roll. Scholarships and financial assistance offered by ICAR/Govt are also available.

Hostels Single, double and triple seated rooms including a girls' hostel. Residence is compulsory. Room rent Rs 10-20 plus electricity charges ; Boarding Rs 300-350 pm.

Postgraduate Courses MTech (Agril Engg) in Farm Machinery & Power Engg, Irrigation & Drainage Engg, Process & Food Engg, Soil & Water Conservation Engg.

Special Features 200 working days with course credit system and internal evaluation system have enabled the College to produce effective graduates required for Indian conditions. Library functions throughout the year.

Extension Activities The extension education imparted by the College is primarily in the form of active help to the farmers through modern mechanisation to cater to the present needs.

Heads of Departments *Irrigation & Drainage Engg* Dr H S Chauhan, *Post Harvest Process & Food Engg* Prof B P N Singh, *Soil & Water Conservation Engg* Dr R A Rastogi, *Farm Machinery & Power Engg* Dr Bachchan Singh *Hostel Wardens* Dr J K Singh, Prof R C S Mehta, Prof R S Tewari.

COLLEGE OF VETERINARY SCIENCES

Pantnagar 263145 Nainital

ESTABLISHMENT 1960

PHONE 20

MANAGEMENT University

DEAN Dr I P Singh

Course BVSc & AH

Duration 5 years
(10 semesters)
including internship

Seats 68

Request for application January/February*Last date* March

Reservations SC 18% ST 2% Backward Classes 15% Other States 6 seats. Over and above the sanctioned seats : Children of Defence personnel 1 seat Hill districts 3% Children/spouses of univ employees 5% Livestock Supervisors/Livestock Development Assistants (LDA) sponsored by State Govt 5 seats ICAR nominees 10%.

Eligibility Age 22 years (Maximum) on November 30 (3 years relaxation for SC/ST/BC candidates) **Academic qualification** Inter (Sc) with Biol/Agril or an equivalent exam with second division in High School and Intermediate. Candidates appearing in the Board's exam are eligible provided their results are received by end of June. For Livestock Supervisors/LDA, High School and Inter (Sc/Agri) exam with two years Diploma and must have five years field experience. Nominated foreign students and Sc graduates are expected to have obtained 60% marks at the qualifying exam. Candidates should be medically fit.

Application Procedure**Selection**

} Common details given in this chapter under
College of Agriculture, Pantnagar

Fees Tuition fee Rs 15 pm. Rs 246 is payable at the time of admission.

Scholarships Two univ merit scholarships of Rs 125 each pm, Bursary scholarships of Rs 100 pm each to 5%, freeships and sportsmen/women freeships to 25% of students besides various other scholarships and financial assistance by ICAR/nationalised banks/Private Trusts are available.

Hostels Residence is compulsory. Lodging Rs 12-40, Boarding Rs 200-400 pm.

Statistics (1985) Applications received 6,090.

Master's Programme Dairy Husbandry, Poultry Husbandry, Animal Breeding, Animal Nutrition, Vety Bacteriology, Vet Pathol, Vet Hygiene and Public Health, Vet Parasitol, Vet Physiol, Vet Pharmacol, Vet Anatomy, Surgery, Vet Med, Vet Gynae and Obst.

Special Features Opportunities are provided to deserving and needy students to earn a part of their expenses through part-time employment.

Extension Activities The extension programme is designed to provide technical know-how to the farmers for better poultry and dairy husbandry, mixed farming, protection of livestock health through timely preventive measures and to organise short-term training programme in poultry keeping by imparting technical know-how to youth to run poultry enterprise.

Heads of Departments *Anatomy and Histology* Dr Prem Prakash, *Microbiol and Public Health* Dr V B Singh *Med* Dr H C Joshi *Pathol* Dr N P Singh *Physiol* Dr S C Sud *Pharmacol and Toxicology* Dr H S Bahga *Parasitol* Dr B B Bhatia *Surgery and Radiol* Dr Amresh Kumar *Hostel Wardens* Dr D C Thapliyal, Dr A N Tewari.

GUJARAT AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The extension activities are geared to transfer the latest agricultural technology to the farmers in such a way that they may use it in their farms. The extension education makes provision for dissemination of findings of research and technical information. These activities are undertaken in liaison with development departments, voluntary agencies and all those who are involved in the upliftment of rural community. The attempt is to motivate the farmers to adopt proper approach to help themselves by applying science for their daily living, farming, home making and community making. Short-term and long-term training programmes are organised at the Extension Education Institute, Anand in the field of communication, dry land, farming, irrigation in tribal areas, animal husbandry, poultry, forestry, energy resource, fishery, banking, water management, monitoring, cooperatives, youth programmes, bakery, social work. Useful literature for farmers on various aspects is published in the form of pamphlets, folders, booklets, accounts of training activities. Agricultural schools in various parts of the State organise field days, film shows, demonstrations on the farmers fields. Livestock inspectors make the veterinary services available in rural areas. Need-based training in various aspects of agricultural development provide work experience through demonstrations and linkage with other agricultural development agencies, Krishi Vigyan Kendra work to increase production in crops, pulses, potato, vegetables, mix farming, dry farming, mango grafting, etc. National demonstrations on scientific agriculture, animal husbandry, fisheries practices are conducted at district level to help the farmers adopt improved practices and to take corrective measures in increasing yield. Sardar Smruti Kendra in addition to organising need-based training have developed agricultural museum and information centres to depict the latest agricultural technology and publish farm literature. The Lab to Land programme has adopted about 4,000 farm families of weaker sections for transfer of new farm technology in order to improve their economic conditions. Radio/TV talks by the scientists to disseminate latest technical information on agriculture, animal husbandry and allied subjects to the farmers and extension personnel are delivered.

Director, Extension Education Dr D N Pandya

B A COLLEGE OF AGRICULTURE

Anand 388110 Dist Kaira

ESTABLISHMENT 1947

PHONE 3346/206

MANAGEMENT University

GRAM Agrisearch

PRINCIPAL Dr R C Patel (Incharge)

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 110

MSc (Ag)
PhD*Request for application*

June

*Last date*Within 10 days after
advertisement

Reservations SC 7% ST/NT/DT 13% Backward classes 10% Sheth Amrutlal Hargovinddas Trust and Sheth Mansukhlal Chhaganlal Trust 10 seats and 3 seats respectively Govt of India/ICAR nominees 10 seats.

Eligibility Age Minimum 16 years as on July 1. **Academic qualification** XII standard exam under +2 stage or equivalent in Sc Stream (Phy, Chem, Biol, Maths) with Eng as compulsory subject securing 55% (50% for Sc and 45% for ST/NT/DT) aggregate marks in Sc subjects (Phy, Chem, Biol & Maths) in theory and 50% (45% for SC/ST/NT/DT/BC) marks in practicals. Candidates passing qualifying exam in more than two attempts are not considered. Candidates should be physically fit.

Domicile Admission is restricted to domiciled candidates of Gujarat State except Govt/ICAR nominees.

Application form and prospectus can be obtained from the College or from the Registrar, Gujarat Agricultural University, Sardar Krushinagar 385506, Distt Banaskantha on cash payment of Rs 5 or Rs 6 by IPO in favour of the College/univ if desired by post. Completed application together with the prescribed fee should reach the univ by the notified date.

Selection is made on merit obtained in qualifying exam and/or any other test as decided by the univ. Merit list is prepared on the basis of external evaluation in theory papers of Sc subjects (Phy, Chem, Biol & Maths). Marks obtained in practicals are not taken into consideration. In case of candidates having obtained equal marks, the merit is decided on the basis of marks obtained in Eng. 20 marks are deducted for each failure in case of candidates passing the qualifying exam in more than one attempt. Weightage of 5% marks is given to sons/daughters/brothers/sisters/grandson/grand-daughter of farmers.

Medium of Instruction English.

*Details relate to BSc (Ag) course

66 GUJARAT AGRI

Fees Tuition fee Rs 75; other charges Rs 227 per semester.

Scholarships National/Merit scholarships, Govt/ICAR scholarships, Scholarships to children of school teachers, and a number of scholarships awarded by the various private agencies are available.

Hostels Seats for 414 students. Residence is compulsory. Lodging Rs 40 per semester; boarding Rs 200 pm.

Postgraduate Courses MSc (Ag) : Agronomy, Agril Chem & Soil Sc, Agril Entomology, Agril Stat, Agril Econ, Agril Meteorology, Biochem, Extn Edn, Horticulture, Nematology, Plant Breeding & Genetics, Plant Pathol, Plant Physiol & Ecology.
Duration 2 years (4 semesters).

Research Studies PhD facilities exist.

Special Features Students are required to take part in physical education, NCC/NSS, field training, study tour, etc.

Extension Activities Sardar Smruti Kendra which is an extension education complex confluences teaching, training, information and farm advisory services to serve the farming community to modernise agriculture. Teaching in extension education is imparted through television and radio clubs. Training is provided to the farmers, farmwomen and farm youth through adhoc courses in agriculture, home science, animal husbandry and farm forestry. Lodging and boarding facilities are free of cost for the participants of such courses. Special courses are hosted through the cooperation of voluntary organisations, Government and bank agencies. Information on modern agriculture is provided through extension literature, Correspondence courses in agriculture are also served to the farmers. Lab to Land programme is implemented to transfer the agricultural technology to boost production by regular visits of scientists to farmers' fields. Farm fairs, exhibition, farm film shows are arranged in the villages to transfer science on the farmers' fields.

Heads of Departments *Agril Engg* Dr A N Mehta (*Incharge*) *Animal Sc & Husbandry* Dr A D Dave *Entomology* Dr R C Patel *Extn Edn* Dr K F Patel (*Incharge*) *Genetics & Plant Breeding* Dr S A Patel *Horticulture* Dr B S Chundawati *Soil Sc* Dr C A Patel *Hostel Rector* Shri J K Patel *Librarian* Shri S N Jaiswal.

**COLLEGE OF AGRICULTURAL ENGINEERING
& TECHNOLOGY**
Junagadh 360410

ESTABLISHMENT 1984

PHONE 93

MANAGEMENT University

PRINCIPAL Dr M V Kanzaria

Courses* BTech (Agril Engg)
MTech

Duration 4 years
(8 semesters)

Seats 50

Request for application

June

Last date

Within 10 days from the
declaration of result of Hr
Sec exam.

Reservations SC 7% ST/NT/DT 13% Backward classes 10% ICAR nominees
10% additional).

Eligibility Age Minimum 16 years as on July 1. **Academic qualification** XII standard exam under +2 stage or equivalent in Sc stream (Phy, Chem & Maths) with Eng as compulsory subject securing 55% (50% for SC and 45% for ST/NT/DT) aggregate marks in theory and 50% (45% for SC/ST/NT/DT) in practicals. Candidates passing qualifying exam in more than two attempts are not considered. Candidates should be physically fit. **Domicile** Admission is restricted to domiciled candidates of Gujarat except ICAR nominees.

Application Procedure Common details given in this chapter under BA College of Agriculture, Anand.

Selection is made on merit obtained in qualifying exam and/or any other test as decided by the univ. Merit list is prepared on the basis of external evaluation in theory papers of Sc subjects (Phy, Chem, Maths); marks obtained in practicals are not taken into consideration. In case of candidates having obtained equal marks, the merit is decided on the basis of marks obtained in Eng. 20 marks are deducted for each failure in case of candidates passing the qualifying exam in more than one attempt.

Commencement of Course July/August

Medium of Instruction English.

Fees Tuition fee Rs 75 per semester.

*Details relate to BTech (Agril Engg) course.

Scholarships Post-matric scholarships to SC/ST/BC candidates, National Loan and Merit-cum-Means scholarships etc. are available.

Hostels Residence is compulsory. Lodging Rs 40 per semester and boarding Rs 200 pm.

Postgraduate Course MTech (Agril Engg) for inservice candidates only. Branches Agril Process Engg, Farm Machinery & Power, Rural Engg, Soil & Water Engg.

Special Features The aim of the College is to initiate and conduct research and to organise & develop extension programmes for extending technologies developed in various fields of Agricultural Engineering for the benefit of farmers and industries.

Heads of Departments *Agril Engg* Dr R N Pandey *Hostel Warden* Dr P T Shukla *Librarian* Shri K M Thakar.

Statistics (1984-85) Applications received 237.

COLLEGE OF AGRICULTURE

Sardar Krushinagar 385506

Distt Banaskantha

ESTABLISHMENT 1982

PHONE 65

MANAGEMENT University

GRAM Krushi

PRINCIPAL Dr D N Pandya

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 60

MSc (Ag)

Request for application

Ten days after the declaration of the result of HSCE

Last date

Mid-June

Reservations SC 7% ST/NT/DT 13% Backward classes 10% Govt of India/ICAR nominees 10 *seats*.

Eligibility

Application Procedure

Selection

} Common details given in this chapter under BA College of Agriculture, Anand.

*Details relate to BSc (Ag) course

Medium of Instruction English.

Fees Tuition fee Rs 75; other charges Rs 227 per semester.

Scholarships National/Merit scholarships, Govt/ICAR scholarships, Scholarships to children of school teachers, and a number of scholarships awarded by various private trusts are available.

Hostels Seats for 115 students. Residence is compulsory. Lodging Rs 40 per semester; boarding Rs 200 pm.

Postgraduate Courses MSc (Ag). **Branches** Agronomy, Agril Chem and Soil Sc, Agril Entomology, Agril Stat, Agril Econ, Agril Meteorology, Biochem, Extn Edn, Horticulture, Nematology, Plant Breeding & Genetics, Plant Pathol.

Research Studies PhD facilities exist.

Special Features Students are required to take part in physical education, NCC/NSS, field training, study tour, etc.

Extension Activities The college has adopted fifty farm families under Lab-to-land programme. Castor decorticator, potato planter, potato digger, multipurpose implements, have been developed and recommended for farmers.

Heads of Departments *Agronomy* Prof B A Patel *Agril Engg* Dr S K Tripathi *Agril Econ* Dr P K Singh *Animal Sc* Dr P M Desai *Entomology* Dr V R Upadhayay *Extn Edn* Dr B S Patel *Genetics & Plant Breeding* Dr B L Joshi *Horticulture* Shri B I Patel *Plant Pathol* Dr S R S Dange *Soil Sc* Dr K A Patel *Hostel Warden* Dr K A Patel *Asstt Librarian* Mrs K Vyas.

COLLEGE OF AGRICULTURE

Junagadh 360410

ESTABLISHMENT 1960

PHONE 93

MANAGEMENT University

GRAM Agricol

PRINCIPAL Dr M V Kanzaria

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 110

MSc (Ag)

PhD

Request for application

May

Last date

Within 15 days of the Advt

*Details relate to BSc (Ag) course.

70 GUJARAT AGRICULTURE

Reservations SC 7% ST/NT/DT 13% Backward Classes 10% ICAR nominees
10 seats.

Eligibility

Application Procedure

Selection

} Common details given in this chapter under B A College
of Agriculture, Anand.

Medium of Instruction English

Fees Tuition fee Rs 75 ; other charges Rs 227 per semester.

Scholarships Govt/ICAR merit scholarships, backward classes scholarships, etc. are
available.

Hostels Seats for 400 students. Residence is compulsory. Lodging Rs 40 per semester
and boarding Rs 150 pm.

Postgraduate Courses MSc (Ag) : Agronomy, Agril Chem and Soil Sc, Agril Entomology,
Agril Stat, Agril Econ, Agril Meteorology, Biochem, Extn Edn, Horticulture,
Nematology, Plant Breeding and Genetics, Plant Pathol, Plant Physiol and Ecology.
Duration 2 years.

Research Studies PhD facilities exist.

Special Features Students are required to take part in physical education, NCC/NSS,
field training, study tour, etc.

Heads of Departments *Agronomy* Dr J C Patel *Agril Engg* Shri R H Ghaghda *Agril
Econ* Dr V T Raju *Animal Sc* Dr M S Naphde *Cattle Breeding* Dr O P Dhanda *Agril
Stat* Dr S K Dixit *Entomology* Dr V P Mittal *Extn Edn* Dr K G Halyal *Genetics &
Plant Breeding* Dr P T Shukla *Horticulture* Dr J P Bhatt *Plant Pathol* Dr M U Vaishnav
Soil Sc Dr M S Patel *Hostel Warden* Dr P T Shukla *Asstt Librarian* Shri K M Thaker.

Statistics (1985) Admissions made 109.

**COLLEGE OF VETERINARY SCIENCE
& ANIMAL HUSBANDRY**

Sardar Krushinagar 385506
Distt Banaskantha

ESTABLISHMENT	1981	PHONE	39
MANAGEMENT	University	GRAM	Vetcol
PRINCIPAL	Dr V M Jhala		
Courses*	BVSc & AH	Duration	5 years (10 semesters)
	MVSc	Seats	40
	PhD		

Request for application

June

Last date

Within 10 days of Advt

Reservations SC 7% ST/NT/DT 13% Backward classes 10% ICAR nominees 10%.

Eligibility Age Minimum 16 years as on July 1. Academic qualification XII standard exam under +2 stage or an equivalent with Phy, Chem, Biol, Maths and Eng securing 55% (50% for SC and 45% for ST, Nomadic and Denotified tribes) aggregate marks in Sc subjects (Phy, Chem, Biol and Maths) in theory and 50% (45% for SC, ST, Nomadic and Denotified tribes) marks in practical. Candidates who have passed qualifying exam in more than two attempts are not considered. Candidates should be physically fit. Domicile Admission is restricted to domicile candidates except Govt/ICAR nominees.

Application Procedure Common details given in this chapter under BA College of Agriculture, Anand.

Selection is made on merit obtained in qualifying exam and/or any other test as decided by the univ. Merit list is prepared on the basis of external evaluation in theory papers of Sc subjects (Phy, Chem, Biol & Maths). Marks obtained in practicals are not taken into consideration. In case of candidates having obtained equal marks, the merit is decided on the basis of marks obtained in Eng. 20 marks are deducted for each failure in case of candidates passing the qualifying exam in more than one attempt.

Medium of Instruction English

Fees Tuition fee Rs 75; other charges Rs 227 per semester.

Scholarships Govt/ICAR merit scholarships, Backward classes scholarships, etc are available.

*Details relate to BVSc & AH courses

72 GUJARAT AGRİ

Hostels Seats for 157 students. Residence is compulsory. Lodging Rs 40 per semester and boarding Rs 200 pm.

Postgraduate Course MVSc (Part-time) for in-service candidates.

Research Studies PhD facilities exist.

Special Features Tenth semester is utilised for internship or field practical training in hospitals/approved farm/institutions and study tour. Satisfactory completion of internship training is compulsory.

Statistics (1984-85) Applications received for two veterinary colleges of univ (combined) 1,161. Admissions made 33.

Heads of Departments *Anatomy* Dr B G Panchmukhi *Animal Nutrition and Dairy Sc* Dr M B Pande *Clinics* Dr S C Ojha *Gynae* Dr Y G Dugwekar *Genetics and Animal Breeding* Dr M M Patel *Live stock Production and Mgt* Dr K P Shukla *Med* Dr P R Patel *Microbiol* Dr N M Shah *Physiol and Biochem* Dr V P Vadodaria *Pathol* Dr P L Kaul *Parasitol* Dr D K Pethkar *Surgery* Dr D M Tadkod *Vet Public Health* Dr J H Purohit *Vet Pharmacol* Dr M S Makkar *Hostel Warden* Dr M M Patel.

EXTENSION EDUCATION INSTITUTE

Anand Campus, Anand 388110 Gujarat

ESTABLISHMENT 1962

PHONE 3431/Extn 216

MANAGEMENT University

GRAM Agrisearch-Anand

PRINCIPAL Prof H N Patel

Courses MSc (Agri) (Extn Edn)

Duration 2 years

PhD

(4 semesters)

The primary objective of the Extension Education Institute is to prepare high quality professional leaders in the field of Extension Education to serve as instructors, supervisors and effective communicators. Included in the general objective the following are the more specified ones.

To provide learning experience that leads to an increasing understanding of the extension education process and their application in the rural development programme.

To develop and carry on a continuous research in the methods and procedures of extension education.

To prepare and publish useful basic material relating to extension education processes.

Research Studies. Facilities for PhD in Extension Education exist.

**GUJARAT COLLEGE OF VETERINARY SCIENCE
& ANIMAL HUSBANDRY**
Anand 388001 Dist Kaira

ESTABLISHMENT 1964

PHONE 564

MANAGEMENT University

GRAM Gujvet

PRINCIPAL Dr M R Patel

Courses* BVSc & AH

Duration 5 years
(10 semesters)

Seats 60

MVSc
PhD

Request for application

May/June

Last date

As fixed by the univ
from time to time

Reservations SC 7% ST/NT/DT 13% Backward classes 10% ICAR nominees 10%.

Eligibility Age Minimum 16 years as on July. **Academic qualification** XII standard exam under +2 stage or equivalent with Phy, Chem, Biol, Maths and Eng securing 55% (50% for SC and 45% for ST/NT/DT) aggregate marks in Sc subjects (Phy, Chem, Biol & Maths) in theory and 50% (45% for SC/ST/NT/DT) marks in practicals. Candidates who have passed qualifying exam in more than two attempts are not considered. Candidates should be physically fit. **Domicile** Admission is restricted to domiciled candidates except Govt/ICAR nominees.

Application Procedure Common details given in this chapter under B A College of Agriculture, Anand.

Selection is made on merit obtained in qualifying exam and/or any other test as decided by the univ. Merit list is prepared on the basis of external evaluation in theory papers of Sc subjects (Phy, Chem, Biol & Maths). Marks obtained in practicals are not taken into consideration. In case of candidates having obtained equal marks,

*Details relate to BVSc & AH course

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the merit is decided on the basis of marks obtained in Eng. 20 marks are deducted for each failure in case of candidates passing the qualifying exam in more than one attempt.

Medium of Instruction English.

Fees Tuition fee Rs 75 ; other charges Rs 227 per semester.

Scholarships National/ICAR merit scholarships, Educationally backward class scholarships/freeships, Teacher's son scholarships are available.

Hostels Seats for 203 candidates. Residence is compulsory. Lodging Rs 40 per semester and boarding Rs 200 pm.

Postgraduate Courses MVSc: Anatomy, Animal Genetics & Breeding, Animal Nutrition, Animal Physiol, Livestock Production, Parasitology, Reproductive Biol, Vet Med, Vet Microbiol, Vet Obst & Gynae, Vet Pathol, Vet Pharmacol, Vet Surgery.
Duration 2 years (4 semesters).

Research Studies PhD facilities exist.

Special Features Tenth semester is utilised for internship or field practical training in hospitals/approved farm/institutions and study tour. Satisfactory completion of internship training is compulsory.

Statistics (1984-85) Applications received for two veterinary colleges of univ (combined) 1,161.

N M COLLEGE OF AGRICULTURE

Navsari 396450 Distt Valsad

ESTABLISHMENT 1965

PHONE 162

MANAGEMENT University

GRAM Agricol

PRINCIPAL Dr H C Mehta

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 110

MSc (Ag)

PhD

Request for application

May

Last date

One week after declaration of result of
qualifying exam

*Details relate to BSc (Ag) course

Reservations SC 7% ST/NT/DT 13% Backward classes 10% Govt of India/ICAR nominees 10 seats.

Eligibility
Application Procedure
Selection

} Common details given in this chapter under B A College of Agriculture, Anand.

Medium of Instruction English

Fees Tuition fee Rs 75 ; other charges Rs 227 per semester.

Scholarships Merit-cum-means scholarships, ICAR scholarships, National merit/loan scholarships, Teachers' son scholarships and scholarships from private agencies are available.

Hostels Seats for 350 students. Residence is compulsory. Lodging Rs 40 per semester and boarding Rs 200 pm.

Postgraduate Courses MSc (Ag) in Agronomy, Agril Chem & Soil Sc, Agril Entomology, Agril Stat, Agril Econ, Agril Meteorology, Biochem, Extn Edn, Horticulture, Nematology, Plant Breeding & Genetics, Plant Pathol, Plant Physiol & Ecology.
Duration 2 years (4 semesters).

Research Studies PhD facilities exist.

Special Features Students are required to take part in physical education, NCC/NSS, field training, study tour, etc,

Heads of Departments *Agronomy* Dr R B Patel *Agril Engg* Dr M Mallik *Agril Marketing & Coop* Dr G D Parmar *Animal Sc* Dr S V Majamudar *Entomology* Dr A S Shah *Extn Edn* Dr S K Waghmare *Genetics & Plant Breeding* Dr V C Amin *Horticulture* Dr J S Katrodia *Soil Sc* Dr N K Patel *Plant Pathol* Dr D G Vala *Hostel Warden* Shri V P Patel *Librarian* Shri H K Bhatt.

Statistics Admissions made 127.

SHETH M C COLLEGE OF DAIRY SCIENCE

**P O Anand Agricultural Institute
Anand 388001 Dist Kaira**

ESTABLISHMENT 1961 **PHONE** 3346/256

MANAGEMENT University **GRAM** Agrisearch

PRINCIPAL/DEAN Dr I S Verma

Courses*	BSc (Dairy Tech)	Duration 4½ years (9 semesters)	Seats 44
	MSc (Dairying)		
	PhD		

Request for application Mid May

Last date Within 10 days of declaration
of Hr Sec result

Reservations SC 7% ST 13% Backward Classes 10% ICAR nominees 50% Sheth Mansukhlal Chhaganlal Public Charitable Trust 2 seats.

Eligibility Age Minimum 16 years as on July 1. **Academic qualification** Preparatory Sc or XII standard under +2 stage exam with Phy, Chem, Maths and Eng with 55% aggregate marks (50% for SC and 45% for ST candidates). Candidates who have passed qualifying exam in more than two attempts are not considered. Candidates should be physically fit. **Domicile** Admission is restricted to domiciled candidates except Govt/ICAR nominees.

Application Procedure Common details given in this chapter under B A College of Agriculture, Anand.

Selection is made strictly on the basis of merit based on marks obtained in qualifying exam and/or any other test as decided by the univ. Merit list is prepared on the basis of external evaluation in theory papers of Sc subjects; marks obtained in practicals are not taken into consideration. In case of candidates having obtained equal marks, the merit is decided on the basis of marks obtained in English. 20 marks are deducted for each failure in case of candidates passing the qualifying exam in more than one attempt.

Fees Tuition fee Rs 75, other charges Rs 206 per semester.

Scholarships National merit scholarships of Rs 125 pm, financial assistance, freeships to poor and deserving students, interest free loan scholarships are available.

*Details relate to BSc (DT) course

Hostels 150 seats for boys and 10 seats for girls. Residence is compulsory. Lodging Rs 40 per semester and boarding Rs 200 pm.

Postgraduate Studies MSc Dairy Tech, Dairy Engg, Dairy Chem, Dairy Microbiol.
Duration 2 years for BSc (DT) and 3 years for Sc graduates in Dairy Chem & Dairy Microbiol.

Research Studies PhD facilities are available.

Special Features Six months educational tours are arranged as a part of inplant training in selected commercial dairy plants. Participation and performance in the training is included in overall evaluation.

Statistics (1984) Applications received 1,008.

Heads of Departments Dairy Chem Dr R S Sharma Dairy Microbiol Dr J M Dave Dairy Tech Dr K G Upadhyay Hostel Warden Shri P N Thakar Librarian Shri S N Jaiswal.

GURU NANAK DEV UNIVERSITY

KHALSA COLLEGE

Amritsar 143001

ESTABLISHMENT 1892

PHONE 42517

MANAGEMENT Trust

PRINCIPAL Shri G S Shergill

Courses* BSc (Ag)

Duration 4 years

Seats 120

MSc (Ag)

Request for application

June/July

Last date

Reservations Residents of Punjab 80%. Other States 10% Open merit 10%. Seats are reserved for SC/ST & foreigners as per rules.

Eligibility Hr Sec/Pre-Univ exam with Sc or Agri with 50% marks. **Domicile** See under 'Reservations' above. Preference is given to students with rural background.

Application form and prospectus can be obtained from the College on payment of Rs 4. Completed application must reach the college by the notified date.

Selection is made on the basis of marks obtained in qualifying exam, admission test and interview. Admission test consists of one paper of 100 marks comprising Gen Eng, Chem, Phy & GK. The test is held at the College.

Fees Tuition fee Rs 300 pa.

Scholarships Merit-cum-Means scholarships, stipends, half fee concession to 10% of the total number of students, financial assistance to poor, needy and deserving candidates are available.

Hostels Seats for 300 boys. Lodging Rs 15-20 pm ; boarding Rs 2.50 per meal.

Postgraduate Course MSc (Ag) : Agril Econ, Agronomy, Horticulture. **Duration** 2 years.

*Details relate to BSc (Ag) course.

Statistics (1985) Applications received 230.

Special Features The policy of selection admission, introduction of career guidance, special merit tutorials, special coaching classes for MBBS/BDS entrance exam, improvement courses in English for rural students, intimate teacher-pupil-parents contact and scheme of lectures by eminent visiting teachers, institution of cash award and stipends for top brilliant and deserving students, better living conditions have provided a new lead to the academic community. The UGC has identified it as 'Lead' college in the State.

Heads of Departments *Agri Dairying* Prof Kulwant Singh *Ag Chem* Prof Satbir Singh *Ag Zoology* Prof Sukhvant Singh *Horticulture* Prof P S Kahlon *Hostel Wardens* Prof Kulwant Singh, Prof Rattan Singh *Librarian* Mrs Narinder Kaur.

HARYANA AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The University's extension activities are elaborate, wide-spread and carry allocation of 10% of the budget. Extension education is covered through three wings : Farm Advisory, Farm Training, Information & Communication.

The Farm Advisory Service (FAS) covers the state-level activities through 12 Farm Advisory Service Centres led by extension specialists in agronomy, soils, entomology, plant pathology, agricultural engineering, horticulture, vegetables, farm management, animal sciences, poultry sciences, veterinary and home Sciences. The FAS attempt is to transfer technology to the farmers through field functionaries of the State Department of Agriculture & Animal Husbandry. It organises farm fairs, demonstrations, field days, exhibitions, training camps, meetings, home visits and publications and have a TV and radio coverage for its activities. The FAS also covers activities on Agricultural Officers' workshop—a biannual feature—Kisan Mela and Farm Darshan, sale of foundation seeds, question—answer session for farmers. Gyan Divas are organised on selected crops and animal husbandry practices—poultry gyan divas, ganna gyan divas for providing package of practices for increasing production. Shows and fairs on fruits, vegetables, are organised at district level. Workshops, symposia, seminars, campaign on disease control, demonstration centres are regular features. Testing research findings at the farmers fields is an important work in FAS. Monthly newsletters Masik Sabji Paricharcha, agronomy newsletter plant-disease warning, kisan gyan patra containing salient recommendations and farm operations for the benefit of farmers are regularly published.

Lab to Land programme aims at transfer of low-cost technology to farmers and is operated in villages. National demonstrations are conducted in all districts of the State—these help the farmers to take corrective measures in improving the quality of soil and increasing the yield. Soil testing laboratories have been established at four districts centres which serve the farmers in testing their soil samples for fertiliser requirements. These centres serve as Regional Quality Control Soil Laboratories. Farm Training Service activities cover organisation of skill oriented and need-based training programmes for farmers, farm women, extension personnel, Livestock owners to increase agriculture yield, and livestock production. Elaborate physical facilities—agricultural machines, plant protection equipment, knitting machines, dairy and poultry equipments are available for organising training at different centres.

Farm Information Communication Service provides audio visual and mass media support to extension activities. A monthly circular containing the schedule of radio-talks is issued. A sound recording studio establishing a close link of the university with the radio is being set up ; agricultural museum is another priority.

Director of Extension Education Dr D S Bhatti

COLLEGE OF AGRICULTURE

Hisar 125004

ESTABLISHMENT 1962

PHONE 4163

MANAGEMENT University

GRAM Agricol

DEAN Dr R K Grover

Courses*	BSc (Hons) Ag	Duration	5/4 years	Seats	100/60
	BSc (Forestry)		4 years		
	MSC (Ag)				
	PhD				

Request for application May

Last date Mid June

Reservations Domiciled candidates 90% (SC 20% BC 10% Children of ex-servicemen/ serving personnel of Armed Forces 2% Open quota 58%) ICAR nominees 10%. Weightage is allowed to candidates who have passed qualifying exam from a village school ; Children of Univ employees ; sports candidates and physically handicapped.

Eligibility Matriculation or equivalent with 60% (55% for reserved categories ; it may be reduced to 45% if seats remain vacant) for 5-year programme ; Pre-Univ/ Hr Sec or 10+2 exam with Eng and Sc subjects with 50% marks for 4-year programme. Candidates should be medically fit.

Application form and prospectus can be obtained from the Assistant Registrar (Academic), Haryana Agricultural University, Hisar 125004, on cash payment of Rs 4 or by IPO of Rs 5 drawn in favour of Asstt Registrar (G) of the Univ, if desired by post. Completed application should reach the univ by the notified date.

Selection is made on the basis of marks obtained in qualifying exam and interview. The first admission list is displayed on the Univ/College notice board by the first week of July.

Fees Tuition fee per trimester Rs 45-75. Rs 144.50 is payable at the time of admission.

Scholarships Rs 125 each to 20%, ICAR scholarships to 7½% of total number of students, financial assistance, interest free loan scholarships, freships and ICAR Post matric scholarships are available.

Hostels The college is residential. Seats for 750 boys. Lodging Rs 16-24 per term ; boarding Rs 400 pm (approx).

*Details relate to undergraduate courses

82 HARYANA AGRI

Postgraduate Studies MSc: Agril Econ, Agronomy, Entomology, Extn Edn Horticulture, Nematology, Plant Breeding, Plant Pathol, Soil Sc, Vegetable Crops and Agri Meteorology.

Research Studies PhD in all PG disciplines.

Other Course BSc (Hons) Ag (4-year condensed course) for village level workers and agricultural sub-inspectors.

Statistics (1985) Number of applications received for 5/4-year programmes 1,328 and 322.

Special Features The college has well equipped laboratories and 2000 acres farm land for practical work. Students are required to participate in NCC/NSS Cultural activities.

Heads *Agril Engg* Shri M C Aggarwal *Entomology* Dr N P Chopra *Extn Edn* Dr R K Sharma *Forestry* Dr K S Chauhan *Plant Breeding* Dr B R Mor *Horticulture* Dr K S Chauhan *Soil Sc* Prof R K Grover *Plant Pathol* Dr D P Thakur *Agril Meteorology* Dr O P Bishnoi *Associate Dean* Dr M S Chaudhary.

COLLEGE OF AGRICULTURE

Kaul 132021

ESTABLISHMENT 1974

PHONE 36 (Dhand)

MANAGEMENT University

GRAM Agricol

PRINCIPAL Dr S K Agarwal

Course BSc (Hons) Ag

Duration 5 years

Seats 60

Request for application

May

Last date

Mid June

Reservations Bonafide resident of village Kaul 1 seat Domiciled candidates 90% (SC 20% BC 10% Children of ex-servicemen/serving personnel of Armed Forces 2% Open quota 58%) ICAR nominees 10%. Weightage is allowed to candidates who have passed qualifying exam from a village school, children of Univ employees, sports candidates and physically handicapped.

Eligibility Matriculation or equivalent with 60% (55% for reserved categories ; it may be reduced to 45%, if seats remain vacant). Candidates should be medically fit.

Application Procedure } Common details given in this chapter under
Selection } College of Agriculture, Hisar.

The course commences in July. The college follows trimester system of teaching and exam.

Fees Tuition fee (per trimester) Rs 45-75. Rs 144.50 is payable at the time of admission.

Scholarships of Rs 125 to 20% and ICAR scholarships of Rs 125 to 7½% of the total number of students in addition to financial assistance, interest free loan scholarships and freeships are available.

Hostels 170 boys can be accommodated. Residence is optional. Room rent Rs 24 (*Cubicle*) and Rs 16 (*Dormitory*) per trimester and Boarding Rs 400 pm. A separate combined hostel for girls is available in the Univ campus.

Statistics (1985) Number of applications received 604.

Special Features Students have to complete practicals and research at the farm with particular emphasis on rice. Every student is required to participate in one of the games and NCC/NSS as an integral part of the academic programme. The library operate Book Bank, lend books on nominal charges for a trimester.

Other Staff *Hostel warden* Dr. K K Dahiya *Librarian* Shri Balbir Singh.

COLLEGE OF ANIMAL SCIENCES

Hisar 125004

ESTABLISHMENT 1966

PHONES 4079
3721/241

MANAGEMENT University

GRAM Animal Sciences
Agrivarsity

DEAN Dr I S Yadava

Courses MSc (Animal Sc)
MVSc
PhD

The College offers postgraduate courses for agricultural graduates with Animal Sc as elective with 56% marks. BVSc & AH degree holders are eligible for admission to MVSc. *Specialisation* Animal Breeding, Animal Nutrition, Animal Production, Physiology, Animal Products Tech and Livestock Production & Mgt. Duration 2 years.

Research Studies PhD (Animal Sciences).

Other Courses Short-term training courses in Poultry Mgt, Artificial Insemination, Milk and Milk Products (for house-wives).

Hostels The College is residential.

Special Features The college is unique as it prepares graduates for employment in scientific areas related to animal agriculture/animal production and product utilisation and business activity in animal agriculture.

Heads of Departments *Animal Breeding* Dr D S Balaine, *Animal Nutrition* Dr Vidya Sagar *Animal Production Physiol* Dr S P Singla *Animal Products Tech* Dr P C Panda *Animal Food Tech* Dr C S Rathee *Livestock Production & Mgt* Dr B P Sengupta
Librarian Shri V B Nanda.

COLLEGE OF VETERINARY SCIENCE

Hisar 125004

ESTABLISHMENT 1970

MANAGEMENT University

GRAM Vetcol

DEAN Dr V K Sharma

Courses*	BVSc & AH	Duration	5 years	Seats	80
	MVSc				
	PhD				

Request for application May

Last date Mid June

Reservations Domiciled candidates 90% (SC 20% BC 10% children of ex-servicemen/ serving personnel of Armed Forces 2% open quota 58%) ICAR nominees 10%. Weightage is allowed to candidates who have passed qualifying exam from a village school ; children of univ employees ; sports candidates and physically handicapped.

Eligibility Academic qualification Pre-Medical/Inter (Sc) with Biol & Eng with 50% marks or I year/II year exam of 4 year/5 year BSc (Hons) Agri programme of the univ or an equivalent. Candidates should be medically fit.

Application Procedure	}	Common details given in this chapter under College of Agriculture, Hisar.
Selection		

Fees Tuition fee Rs 60-75 per trimester. Rs 160 is payable at the time of admission.

Scholarships Rs 125 each to 20%, ICAR scholarships to 7½% of total number of students, financial assistance, interest free loan scholarships, freships and ICAR Post-Matric scholarships are available. Vet. Interns are paid a stipend of Rs 800 pm.

Hostels The College is residential. Seats for 300 boys. Lodging Rs 16-24 per term, boarding Rs 300 pm (approx).

Postgraduate Studies MVSc : Anatomy, Gynae & Obst, Med, Microbiol & Immunology, Parasitol, Pathol, Pharmacol, Pub Health, Surgery.

Research Studies PhD in all PG disciplines.

Other Course One-year Vety Compounder Course.

*Details relate to BVSc & AH course.

Special Features The college has a modern disease free animal house which supplies laboratory animals for research purposes to institutions within and outside the State. The college has a veterinary clinic which is biggest in the country. Students accompany the staff in ambulatory vans for clinical, surgical and disease investigation work throughout the State as an integral part of practical training.

Statistics (1985) Number of applications received 365.

Heads of Departments *Anatomy* Dr Yashwant Singh *Clinics* Dr I S Chandna (*Director*) *Gynae* Dr S K Verma *Med* Dr R D Sharma *Microbiol* Dr N C Jain *Parasitol* Dr D P Banerjee *Public Health* Dr R K Kaushik *Pathol* Dr R K Paul Gupta *Physiol* Dr O P Nangia *Pharmacol* Dr B D Garg *Surgery* Dr J M Nigam *Hostel Wardens* Dr Yashwant Singh Dr R M Bhardwaj, Dr S L Gupta *Librarian* Shri V B Nanda.

HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA

EXTENSION EDUCATION PROGRAMMES

The Scientists lay out result demonstration plots on various crops under different agroclimatic conditions to impart new knowledge to the farmers. Kisan Melas, Farmers' Field Days, Workshops, Seminars, discussions are arranged on different occasions for transfer of technology and getting feed back for conducting problem-oriented research. The Lab to Land programme has been implemented throughout the State for the socio-economic upliftment of poor farm families. The experts participate in the State, District, Block and village level training programmes. The Directorate organise various training programmes for farmers, farm women, village leaders, youth, ex-servicemen, inservice army officers and voluntary organisations and centrally sponsored training programmes on major cereal crops. Special training programmes are organised in agriculture based vocations like bee-keeping, mushroom cultivation, poultry, fishery etc. The Directorate is also vigilant about 20-point programme for socio-economic upliftment of rural people living under poverty line through imparting them training in agriculture and allied subjects. The Directorate has developed a demonstration-cum-training farm. The farm information service aims at providing reinforcement and has started the publication of farm journal 'Parbatiya Khetibari'. Leaflets and folders on different topics are brought out and distributed free amongst farmers. Film shows, exhibitions, visits are arranged for the benefit of farmers. The HPKVV newsletter is published to project the various activities. The Directorate has created a modern audio-visual Lab in the communication centre, which is being used by the trainees. Creation of agricultural museum in the Communication Centre is a landmark for dissemination of agricultural know-how. Apart from fabricating an exhibition on scientific recommendations in the form of charts, graphs, photographs, efforts are being made to create an museum depicting agricultural growth from primitive age.

Director, Agril Extension Education Dr B S Kanwar

COLLEGE OF AGRICULTURE

Palampur 176062

ESTABLISHMENT 1966

PHONES 77

MANAGEMENT University

149

DEAN Dr O P Awasthi

Courses* BSc (Ag)

Duration 5 years/

Seats 20 each

MSc (Ag)

4 years

PhD

Request for application

June

Last date

Mid July

Reservations (i) Domiciled candidates 75% (ii) Open Seats 15% (SC 15% ST 7.5% Rural Areas 60% Children of serving/Ex-defence personnel 2%) ICAR nominees 10%. Reservations exist for those who have distinguished in sports, univ employees children. Rajput & Khalet Panchayat area.

Eligibility Age 20/21 years (5/4 years programme)/45 years (condensed programme). **Academic qualification** High School in Sc/Agri with 50% marks for 5 year programme and Pre-Engg/Pre-Medical/10+2 exam with Sc/Agri or an equivalent with 50% marks (relaxable by 5% for SC/ST candidates) for 4-year degree.

Application form and prospectus can be obtained from the College/Registrar of the University on payment of Rs 8 in cash or Rs 12 through IPO (if required by post). Completed application should reach the Registrar of the Univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam and the interview subject to medical fitness.

Fees Tuition fee Rs 50 per semester. (Rs 450 is payable at the time of admission).

Scholarships Univ Merit/State Govt/ICAR scholarships, National Loan scholarships, Soldier Board stipend, Endowment scholarships and half fee concessions to 10% students on roll are available.

Hostels 165 seats for boys and 80 seats for girls. Residence is optional. Lodging Rs 25 per semester ; Boarding Rs 300 pm.

Other Course BSc (Agri) 3-year (condensed) course for village level workers/ agriculture inspectors nominated by the Univ/ICAR/State Govt.

*Details relate to BSc (Ag) course.

Postgraduate/PhD Programmes MSc Agril Econ, Agronomy & Agrometeorology, Animal Sc, Plant Breeding, Soil Sc & Water Mgt, Home Sc, Food Sc & Nutrition. PhD studies are also available in these fields. The Central Institute for cotton Research (ICAR), 95-Pushp Kunj, Canal Road, New Ramdaspath, Nagpur-440010 recognised as approved centre for carrying postgraduate research in the discipline of Mycology and Plant Pathology.

Statistics (1985) Applications received for 5-year programme 251 and 4-year programme 108.

Special Features All students are required to undergo educational tours and participate in NCC/NSS. Educational tours are integral part of an academic programme.

Extension Activities Students are trained in various principles, procedures and extension education methodologies. They pay farm and home visits, hold discussions with farmers and conduct demonstrations for improvement of farm practices. Through their living in villages they are able to analyse and identify farm problems and solve the same under the guidance of farm specialists. Under Lab to Land programme, 245 farming families have gained through latest agricultural technology. The scientists have been able to test their newly developed technologies under actual field conditions. Through NSS camps, students get awareness of the needs and problems of the rural people and try to find solutions.

Heads of Departments *Agril Econ* Dr T V Moorti *Agronomy & Agrometeorology* Dr C M Singh *Animal Sc* Dr M P Narang *Plant Breeding* Dr G S Sethi *Soil Sc* Dr R S Minhas *Hostel Warden* Dr S K Phull *Librarian* Shri C D Handa.

INDIAN AGRICULTURAL RESEARCH INSTITUTE

POSTGRADUATE SCHOOL IARI, New Delhi 110012

ESTABLISHMENT 1905

PHONE 582081

MANAGEMENT Deemed University

GRAM Krishipusa

DIRECTOR Dr A M Michael

REGISTRAR Shri P Sukumaran

DEAN Dr N N Goswami

Courses MSc
PhD

Request for application May

Last date June

Reservations SC 15% ST 7.5%.

MSc & PhD Programmes in Agricultural Sciences namely Economics, Engineering Extension (for PhD only); Physics, Statistics, Agronomy, Biochemistry, Entomology, Genetics, Horticulture, Microbiol, Mycology & Plant Pathol, Nematology, Plant Physiol, Soil Sc & Agril Chem and MSc Programme only in Molecular Biol and Computer Application in Agriculture.

Eligibility for MSc Courses Bachelor's degree with 55% marks (50% for SC/ST candidates) in Agriculture or its cognate branches of natural sciences or social sciences or technology. **For PhD Course** Master's Degree with 55% marks (50% for SC/ST candidates) in Agriculture in the concerned discipline or its cognate branches of natural sciences or social sciences or technology. A good knowledge of English is essential.

Application form and Information Bulletin may be obtained on cash payment of Rs 5 or by sending a crossed IPO for Rs 6 (Rs 10 if required by registered post) payable at Post Office "IARI, New Delhi" and drawn in favour of the Registrar (Academic), Post Graduate School, IARI, New Delhi-110012.

Note A candidate can be considered for admission to three disciplines at the most. A separate application in the prescribed form alongwith copies of all the certificates must be made for each discipline.

While asking for Information Bulletin, clearly mention postal address in BLOCK LETTERS and whether it is required for admission to MSc or PhD degree course.

Special Features A unique feature of the system of instruction at the Institute, which is largely modelled on the cross-credit system, is that research teaching and extension are fully integrated and programme of instruction is broadbased so as to give the student a mastery not in his major field of specialisation but in supporting minor fields. The Institute has regional stations in different parts of the country for doing research work under different soil and climatic conditions. The library of the Institute is regarded as one of the best in Asia.

Heads of Departments *Agril Econ* Dr A S Sirohi *Agril Engg* Dr S M Ilyas *Agril Extn* Dr Y P Singh *Agril Phy* Dr D K Das *Agril Stat* Dr Prem Narain *Agronomy* Dr Rajendra Prasad *Agril Chemicals* Dr N K Roy *Agro-Energy-Centre* Dr N S Subba Rao *Biochem* Dr S L Mehta *Biotech Centre* Dr V L Chopra *Entomology* Dr S K Bhatia *Floriculture & Land Scapping* Dr S R Dohare *Genetics* Dr Munshi Singh *Horticulture* Dr R M Pandey *Microbiol* Dr A C Gaur *Mycology & Plant Pathol* Dr M M Payak *Nematology* Dr D R Dasgupta *Nuclear Research Laboratory* Dr P N Tiwari *Plant Physiol* Dr G S Sirohi *Soil Sc & Agril Chem* Dr R K Chatterjee *Seed Sc & Tech* Dr P K Aggrawal *Vegetable Crops* Dr B Chaudhary *Master of Halls of Residence* Dr Rajendra Prasad *Head, Library* Dr T A V Murthy.

EXTENSION EDUCATION PROGRAMMES

The Institute is responsible for various extension education activities including agricultural development, advisory service and training. This effort, in which all the divisions participate, is coordinated by the Division of Agricultural Extension. They conduct researches both basic and applied in various aspects of extension education: extension methods and techniques, agricultural communication, adoption and diffusion of innovations, etc. Realising that research finding of the Institute must be communicated to the farmers, the Institute started an intensive cultivation scheme which was launched in 19 villages. Encouraged by its achievement, extension activities were extended to 56 villages of Khanjhwala Block. A number of innovative concepts of extension had been developed at the Institute for transfer of new agricultural technology. A village was developed in Khanjhwala Block where wheat seeds of good quality and purity were multiplied by the farmers themselves in sufficient quantities. The Institute successfully demonstrated that average yield of a village could be tremendously increased if the high yielding varieties are used alongwith the packages of practice. A few varieties in the pre-release stage are tested on the farmers' fields to know their reaction to the performance and to screen suitable varieties of crops for release. The activities also cover national demonstration on farmers' fields, supply of pure seeds and planting materials of improved varieties of crop plants, vegetables and fruits. soil and water analysis, control of diseases and pests including eradication of weeds, agricultural production campaign for introduction of multiple and relay cropping, efficient and economic use of inputs. The installation of cowdung gas plant for recycling of organic waste and production of fuel gas for domestic use are other important innovations introduced by the Institute. The

Institute launched Operational Research Project and Integrated Area Development Project in four villages out of which one village was specially selected for development of marginal farmers of weaker section of farming community. Subsequently the Operational Research Project on total transfer of technology became operative in three selected villages. Under ORP II, new concept like a pulse and an oilseed village were introduced in non-traditional area in order to promote adoption of pulse and oilseed technologies by the farmers for maximum yield. The Lab to Land programme was put into operation in three adopted villages for total transfer of technology to the weaker sections. A number of dairy and animal husbandry programmes such as prophylactic vaccination of animals against foot-and-mouth disease, artificial insemination of cows, general guidance regarding feeding, health care and management of cattles and buffaloes and popularization of poultry-keeping are launched. The Division of Agricultural Extension with the help of scientists in the production unit prepares, publishes and distributes a large number of extension literature based on crop production-oriented information, and out of results of IARI researches.

The Institute's annual Krishi Vigyan melas have attained all-India status and every year about 10-15,000 farmers, extension workers, students and teachers visit these melas. The Institute has close collaboration with the AIR for its Krishi Jagat (Radio) and Krishi Darshan (TV) programmes.

Joint Director (Extn) Dr S N Singh

INDIAN INSTITUTE OF TECHNOLOGY

Kharagpur 721302

ESTABLISHMENT 1950

PHONE 221-224

MANAGEMENT Institute of National
Importance

GRAM Technology

DIRECTOR Prof G S Sanyal

REGISTRAR Shri S R Acharyya

Courses* BTech (Hons)
(Agril Engg)

Duration 4 years

Seats 20

MTech

Request for application

November/December

Last date

Early February

Reservations SC 15% ST 7.5% Children of defence/paramilitary force personnel killed or permanently disabled in action 2 *seats* Physically handicapped 1 *seat*. All such candidates must qualify in Joint Entrance Exam (JEE).

Eligibility Age Maximum 21 years as on October 1 (relaxable by 5 years in case of SC/ST candidates). **Academic qualifications** Final exam under 10+2 system or an equivalent with Phy, Chem and Maths. Candidates should be physically fit.

Application form and prospectus can be obtained from the Chairman, Undergraduate Admission Committee, Indian Institute of Technology, Kharagpur 721302 or as notified from time to time on payment of Rs 10.

Candidates residing abroad must route their applications through Indian Embassies and/or Ministry of External Affairs, New Delhi.

Selection Admission is made on the basis of merit obtained in the Joint Entrance Examination held at various centres for admission to various professional degree courses in all the IITs at Bombay, Delhi, Kanpur, Kharagpur, Madras and the Institute of Technology, Varanasi. The candidates must qualify in the JEE comprising four papers of three hours duration each in Chem, Phy, Maths and English. The merit list is determined on the basis of marks obtained in three subjects namely Chem, Phy and Maths. Candidates must qualify in Eng. Answers are required to be given in English only.

*Details relate to BTech Hons (Agril Engg) course

94 IIT KHARAGPUR

Medium English

Fees Tuition fee Rs 200 pa.

Scholarships Govt merit-cum-means scholarships of Rs 185 pm to SC/ST candidates, Rs 125 pm to 25% of students, 2 merit scholarships, besides free studentship on merit-cum-means are available.

Hostels Residence is compulsory. Lodging and boarding Rs 400 pm.

Postgraduate Courses MTech in Agril Engg, Applied Bot, Dairy & Food Engg, Farm Machinery & Power, Mgt Tech, Soil Tech, Soil & Water Conservation Engg, Water Resources Dev & Mgt. **Duration** 2 years.

Special Features Industrial training and project form an essential part of academic programme. The Institute arranges campus interview by industrial organisations for the final year students.

Extension Activities The Institute offers a large variety of research programmes in Post Harvest Tech, Cryogenics and Rural Dev. Advanced refresher courses of shorter duration are also held.

INDIAN VETERINARY RESEARCH INSTITUTE

Izatnagar 243122 (U P)

ESTABLISHMENT 1889

PHONE 74069 (Bareilly)

MANAGEMENT Deemed University

DIRECTOR &
VICE CHANCELLOR Dr P N Bhat

REGISTRAR Shri B K Punj

Courses	MSc MVSc	}	<i>Last date</i>	15 July
	PhD DSc Diplomas			

Doctorate Programme Animal Breeding, Animal Genetics, Animal Gynaecology and Obstetrics, Animal Nutrition, Animal Physiology, Animal Reproduction, Bio-chemistry, Extension Education, Livestock Products Technology, Poultry Science, Veterinary Bacteriology, Veterinary Immunology, Veterinary Preventive Medicine, Veterinary Medicine, Veterinary Parasitology, Veterinary Pathology, Veterinary Pharmacology, Veterinary Surgery, Veterinary Virology.

Eligibility 60% marks in aggregate or above in Master's degree examination conforming to the relevant subject (55% marks for SC/ST candidates). Selection is based on the academic career of the candidate and personal aptitude test (interview).

Master's Programme (MVSc/MSc) Animal Genetics and Breeding, Animal Gynaecology and Obstetrics including Andrology, Animal Nutrition, Animal Physiology Avian Diseases, Bio-chemistry, Bio-Statistics, Extension Education Epidemiology, Livestock Production and Management, Livestock Economics, Livestock Products Technology, Microbiology, Poultry Science, Veterinary Bacteriology, Veterinary Immunology, Veterinary Preventive Medicine. Veterinary Medicine, Veterinary Parasitology, Veterinary Pathology, Veterinary Pharmacology, Veterinary Public Health, Veterinary Surgery, Veterinary Virology.

Eligibility Bachelors degree with 60% marks in aggregate (55% marks for SC/ST candidates) in Veterinary Science/Dairy Science/Animal Science/BSc degree in conformity to the relevant subjects/B Sc (Agri) degree with Animal Science as elective subject.

Selection is based on academic career of the candidate and performance in competitive entrance examination and personal aptitude test (interview). Place, date

time and scheme for examination/personal aptitude test are available in the information bulletin.

A good knowledge of English is essential.

Those appearing for Master's/Bachelor's degree examination may also apply provided they submit final marks sheets by 1st August. The session starts in September.

Application form and Information Bulletin containing full information may be obtained on payment of Rs 10.00 in cash at the Institute or if desired by post by sending a crossed IPO for Rs 15.00 payable at Izatnagar (UP) and drawn in favour of Director, IVRI, Izatnagar-243122. While asking for Information Bulletin candidates should mention postal address in BLOCK LETTERS, and the discipline for which application form is required. The request for application form and Information Bulletin should be sent to the Joint Director (Academic), IVRI Izatnagar-243122, alongwith a self addressed unstamped envelope of 28 × 20 cm.

Heads of Departments *Animal Nutrition* Dr Kedar Nath *Animal Genetics & Breeding* Dr N S Sindhu *Animal Reproduction Gynae & Obst* Dr B R Benjamin *Avian Diseases* Dr G C Mohanty *Animal Physiol* Dr B B Mahapatra *Biochem & Food Sc* Dr L N Singh *Livestock Econ & Stat* Dr Parmatma Singh *Epidemiology* Dr S S Khera *Extn Edn* Dr O N Kunzru *Livestock Production Mgt* Dr V K Taneja *Livestock Products Tech* Dr H B Joshi *Poultry Sc* Dr B Panda *Vet Bacteriol & Microbiol* Dr P K Uppal *Vet Immunology* Dr B B Malick *Experimental Med & Surgery* Dr A K Bhargava *Vet Parasitol* Dr N N Sharma *Vet Pathol* Shri P K R Iyer *Vet Pharmacol* Dr O N Kunzru *Vet Public Health* Shri N P Bhalla *Vet Virology* Dr M P Yadav.

EXTENSION EDUCATION PROGRAMMES

The benefits of modern technologies are being extended to small, marginal, and large sized farmers and landless livestock owners through organised programmes and through 20-point programme. The main function of Krishi Vigyan Kendra is to strengthen the training activities for farmers and field technicians. Short-term training programmes for the field workers of the State Department are arranged from time to time. The communication section is equipped with modern facilities for press, photography and art work. The activities are health cover cross-breeding, fodder production, crop production and extension education programmes. The scientists have taken up research projects on animal husbandry practices, communication support, animal health, fodder and crop production. The long term objectives of the Division are : transfer of viable technology to the farmers and livestock owners ; transfer of specific technologies to the industries and state functionaries developing research in animal science and allied sectors to optimize efficiency of the field extension system ; conducting research in extension education to evolve suitable communication technology in animal sciences ; conducting teaching in extension education to man the animal science teaching and pedagogical and management support. The short-term objectives are : adoption of animal husbandry & veterinary innovations ; training and human resource development ; organizational behaviour

and management ; strategy for developing the weaker section of village and urban society by campaign approach ; studies on leadership and social change ; problem identification/diagnostic approach in animal health and production under rural and urban settings and organizing need-based training programmes for farmers and livestock owners. The Division has also initiated the work towards publication of a newsletter entitled 'Dialogue' (monthly publication) containing research focus, vet corner, farmers corner, seminar, symposium, visitors' corner, etc.

Head : Division of Extension Dr R Singh

JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA

EXTENSION EDUCATION PROGRAMMES

Extension programmes are organised by the scientists of the 28 agricultural research stations located in different agro-climatic regions of the State. Farm technology is transferred under Lab to Land Programme, National Demonstration and Operational Research Projects. Under Lab to Land, 4,500 farm families have been adopted to transfer proven and viable farm technology to the weaker sections of the farming community ; to train small and marginal farmers, landless labourers for enterprises in crop production, horticulture, dairy, poultry, fisheries and cottage industries, to develop close contacts between scientists and farming community and to develop feed-back mechanism in order to promote need-based research. Multiple cropping demonstrations, technology demonstrations of entire farming system are conducted with the objective of creating viable models of mixed farming systems. Operational research projects on Watershed Management are being implemented to lay stress on soil and water conservation for developing viable cropping system in heavy and medium black soils. Scientists advise the farmers on various problems related to modern methods of farming under Farm Advisory Service scheme. Training programmes are organised for the benefit of extension personnel and farmers. Training is imparted to officers working in the rural development departments, nationalised banks, input agencies to acquaint them in technology developments in the field of crop production, dairying, poultry, farm machinery and tools etc. The Directorate publishes literature ; organises exhibitions, farmers' day, Krishi mela, film shows ; broadcast radio talks to acquaint the extension workers and farmers the latest technology developments. 'Krishi Vistar Patra', 'Pashu Evam Kukkut Palap Vistar Patra' are mailed free of cost to all concerned. Correspondence courses for the benefit of farmers have been introduced to acquaint them with the scientific knowledge in the field of agriculture, animal husbandry etc. Farm women are trained on preservation of fruits, vegetables, layout of kitchen garden, storage of grains, health and *hygiene*, *child care* nutrition.

Director Extension Dr D K Sharma

COLLEGE OF AGRICULTURAL ENGINEERING

Jabalpur 482004 M P

ESTABLISHMENT 1967

PHONE 23771

MANAGEMENT University

GRAM Krishi Vishwa

DEAN Dr H R Tyagi

Courses* BTech (Agril Engg) Duration 4 years

Seats 40

MTech (Agril Engg)

Request for application

January/February

Last date

Reservations SC/ST 25% Children/grand children of freedom fighters 3% Children of : agriculturists 15%, Military personnel 3% univ employees 4%. Seats are reserved for ICAR nominees.

Eligibility Age 16-22 years (not applicable to women/foreigners etc) **Academic qualification** I-year of BSc/12th standard exam of the Central Board of Secondary Edn or equivalent with 55% marks in Phy, Chem & Maths and must have passed Hr Sec School exam with Eng. **Domicile Admission** is restricted to domiciled candidates.

Application form and prospectus can be obtained from the Controller, Vyavasayik Pathyakram Pravesh Pareeksha Mandal, 1919, Maharana Pratap Nagar, Bhopal or from the Principals of Agri/Vety/DT/Agril Engg Colleges in the State on payment of Rs 20 through bank draft payable to the Controller, VPPP Mandal, Bhopal, or Rs 25, if required by post. The form can be obtained from the Mandal on cash payment. Completed application should reach the Controller, VPPP Mandal, Bhopal by the notified date.

Selection Admission is made on the basis of marks obtained in the entrance test held by an agency (Vyavasayik Pathyakram Pravesh Pareeksha Mandal, Bhopal) of the State Govt.

Fees Tuition fee Rs 150 pa.

Scholarships Merit-cum-means scholarships, National and loan scholarships. freeships are available.

Hostels 100 seats for boys. Residence is optional. Lodging Rs 30 and boarding Rs 150 pm.

Postgraduate Courses MTech (Agril Engg) in Farm Machinery & Power and Soil & Water Conservation Engg. Duration 2 years.

*Details relate to BTech (Agril Engg) course,

Heads of Departments *Farm Machinery & Power* Prof S R Raje *Soil & Water Engg*
Dr H R Tyagi *Hostel Wardens* Prof V S Kale, Prof C L Thakur *Librarian* Shri R P
Mishra (*Incharge*).

COLLEGE OF AGRICULTURE
Gwalior 474002

ESTABLISHMENT 1950

PHONE 21791

MANAGEMENT University

DEAN Dr D Singh

Courses*	BSc (Agri)	Duration	4 years	Seats	70
	MSc (Agri)				

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to women/foreigners etc) **Academic qualification** HSSC exam of M P Board or equivalent with Phy, Chem, Maths/Bio/ or Agri subjects with 50% marks. **Domicile** Candidates must be residents of M P for at least 3 years

Reservations

Application Procedure

Selection

} Common details given in this chapter under
College of Agricultural Engineering, Jabalpur.

Fees Tuition fee Rs 60 per semester.

Postgraduate Courses MSc (Agri) in Agri Chem, Agril Econ, Agronomy, Entomology
Extn Edn, Plant Breeding. **Duration** 2 years.

Heads of Departments *Agronomy* Dr D V S Chauhan *Agril Engg* Shri P C Kurian
Agri Marketing & Coop Dr M G Nema *Dairy Sc* Dr S S Yadav *Entomology* Dr U S
Misra *Extn Edn* Dr S S Thakur *Genetics & Plant Breeding* Dr A S Tiwari *Horticulture*
Dr T P Singh (*Floriculture*), Shri S N Tripathi (*Pomology*) *Soil Sc* Shri A K Tiwari
Hostel Warden Dr T P Singh, *Librarian* Shri S S Tiwari.

*Details relate to BSc (Agri) course

COLLEGE OF AGRICULTURE

Krishinagar, Jabalpur 482004

ESTABLISHMENT 1955

PHONE 23771

MANAGEMENT University

DEAN Dr S P Singh

Courses* BSc (Agri)
MSc (Agri)
PhD

Duration 4 years

Seats 75

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to women/foreigners) **Academic qualification** HSSC exam of M P Board or equivalent with Phy, Chem, Maths/Biol or Agri subjects and must have obtained 50% marks. **Domicile** Candidates must be residents of M P for at least 3 years.

Reservations

Application Procedure

Selection



Common details given in this chapter under College of Agricultural Engineering, Jabalpur.

Fees Tuition fee Rs 60 per semester.

Scholarships Merit scholarships, Merit-cum-means scholarships, ICAR Loan scholarships are available.

Hostels Seats for 288 boys and 12 girls. Residence is optional. Room Rent Rs 132 per semester.

Postgraduate Courses MSc (Agri) in Agril Chem, Agril Econ, Agril Extn, Agril Stat, Agronomy, Entomology, Food Sc, Horticulture, Plant Breeding, Plant Pathol. Duration 2 years for BSc (Ag) and 3 years for Pure Sc graduates.

Research Studies PhD facilities exist.

Extension Activities Students are taken to fields to have practical knowledge. There is a separate Directorate of Extension of the univ to educate farmers and organise workshops etc for the State Govt/Bank officials.

*Details relate to BSc (Agri) course

Heads of Departments *Agronomy* Dr S D Choube *Ag Bot* Dr D K Tiwari *Ag Econ* Dr R S Mishra *Dairy Sc* Dr D L Bhagat *Entomology* Dr S M Vaishampayan *Extn Edn* Prof A K Varma *Forestry* Dr G S Tomar *Genetics & Plant Breeding* Dr C B Singh *Horticulture* Dr P K R Nair *Plant Pathol* Dr M N Khare *Pomology and Fruit Preservation* Dr Kamla Singh *Soil Sc* Dr S B Sinha *Hostels Wardens* S/Shri R S Patel, U K Khare, P K Bisen, V B Upadhyay, G S Rawat.

COLLEGE OF AGRICULTURE
Krishak Nagar, Raipur 492012 M P

ESTABLISHMENT 1961

PHONE 24608

MANAGEMENT University

DEAN Dr S S Baghel

Courses*	BSc (Agri)	Duration	4 years	Seats	70
	MSc (Agri)				

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicale to women/foreigners/State Govt nominees).
Academic qualification HSSC exam of M P Board or equivalent with 50% marks in Phy, Chem, Maths/Biol or Agri subjects. **Domicile** Candidates must be residents of M P for at least 3 years.

Reservations

Application Procedure

Selection

} Common details given in this chapter under College of Agricultural Engineering, Jabalpur

Fees Tuition fee Rs 60 per semester.

Scholarships ICAR/Merit/Merit-cum-Poverty/Post-Matric/National loan scholarships are available.

Hostels 140 seats in the hostels. Residence is optional. Lodging Rs 18 per semester.

Postgraduate Courses MSc (Agri) in Agril Chem & Soil Sc, Agril Econ, Agronomy, Entomology, Plant Breeding. Duration 2 years.

*Details relate to BSc (Agri) course

Heads of Departments *Agronomy* Shri S D Verma *Agri Engg* Shri S B Yadav *Agri Marketing and Cooperation* Shri P S Kotwaliwale *Animal Husbandary/Vety Sc and Dairy Sc* Dr B K Awasthy *Entomology* Shri S U Kittur *Extn Edn* Shri V K Shukla *Genetics & Plant Breeding* Dr P S Shrivastava *Horticulture* Dr S S Shrivastava *Microbiol* Dr K C Agrawal *Soil Sc* Dr M K Mishra *Hostel Warden* Shri S D Verma *Librarian* Snri A A Siddiqui.

COLLEGE OF AGRICULTURE

Rewa 486001 M P

ESTABLISHMENT 1952

PHONE 2459

MANAGEMENT University

DEAN Dr M M Rai

Courses* BSc (Agri)

Duration 4 years

Seats 70

MSc (Agri)

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to women/foreigners/State Govt nominees)
Academic qualification HSSC exam of M P Board or equivalent with 50% marks in Phy, Chem, Maths/Biol or Agri subjects. **Domicile** Candidates must be residents of M P for at least 3 years.

Reservations

Application Procedure

Selection

} Common details given in this chapter under College of Agricultural Engineering, Jabalpur

Fees Tuition fee Rs 60 per semester.

Scholarships Merit scholarships, Merit-cum-Means scholarships, ICAR/Loan scholarships are available.

Hostels Seats for 148 boys. Residence is optional. Lodging & Boarding Rs 300 pm.

Postgraduate Courses MSc (Agri) in Agri Econ, Agronomy, Extension, Horticulture.
Duration 2 years.

*Details relate to BSc (Agri) course

Extension Activities include advisory work as well as laying demonstrations in transfer technology in farmers fields for farmers and department of agriculture personnels.

Heads of Departments *Agril Engg* Shri V Samual *Agril Marketing & Coop* Dr R P Tripathi *Agronomy* Shri S N Pandey *Dairy Sc* Shri K M Naik *Entomology* Dr O S Shrivastava *Extn Edn* Shri A P Tiwari *Genetics & Plant Breeding* Shri D K Mishra *Horticulture* Shri M P Singh *Microbioi* Shri K B Sathe *Soil Sc* Shri M P Shukla *Vety Sc* Dr V S Bhagat *Hostel Wardens* Dr R P Sharma, Shri S N Pandey *Librarian* Shri J S Bhatia.

COLLEGE OF DAIRY TECHNOLOGY

**Krishaknagar, Labhandi
Raipur 492012**

ESTABLISHMENT 1983

MANAGEMENT University

OFFICER ON SPECIAL

DUTY Prof R A Chaudhary

Course BSc (Dairy Tech)

Duration 4 years

Seats 20

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to women/foreigners/State Govt nominees)
Academic qualification I-year of BSc/12th standard exam of the Central Board of Secondary Edn or equivalent with 55% marks in Phy, Chem & Maths and must have passed Hr Sec exam with Eng.

Reservations

Application Procedure

Selection

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Common details given in this chapter under College of Agricultural Engineering, Jabalpur

Fees Tuition fee Rs 75-90 per semester.

Scholarships National/Loan/Merit/Merit-cum-poverty/Post-Matric scholarships, full/half fee concessions are available.

Hostels facilities are available.

Heads of Departments *Dairy Chem* Shri A B Dave *Dairy Econ* Shri S K Sharma *Dairy Engg* Shri Vikram Johri *Dairy Tech* Prof R A Chaudhary *Hostel Warden* Shri S K Sharma.

**COLLEGE OF VETERINARY SCIENCE
& ANIMAL HUSBANDRY**

Jabalpur 482001

ESTABLISHMENT 1948

PHONE 25302

MANAGEMENT University

GRAM Vetcollege

DEAN Dr S P Netke

Courses* BVSc & AH

Duration 4½ years

Seats 50

MVSc

PhD

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to Women/foreigners/State Govt nominees)
Academic qualification Intermediate/BSc Part I or 12th standard exam of the Central Board of Secondary Edn or an equivalent with Phy, Chem, Biol subjects with 55% aggregate marks. Candidates must have passed Higher Secondary exam with Eng.
Domicile Admission is restricted to domiciled candidates.

Reservations

Application Procedure

Selection



Common details given in this chapter under College of Agricultural Engineering, Jabalpur

The course commences in July.

Fees Tuition fee Rs 60-75 per semester.

Scholarships Merit/Merit-cum-Poverty scholarships/Freeships/Half Freeships are available.

Hostels There are 160 seats for boys and 3 seats for girls. Residence is optional. Lodging Rs 20 and Boarding Rs 200 pm.

Postgraduate Courses MVSc & AH in Vet Anatomy, Vet Physiol, Animal Biochem, Vet Pharmacol, Vet Microbiol, Vet Pathol, Vet Parasitol, Vet Med, Vet Surgery, Vet Obst & Gynae, Animal Breeding & Genetics, Animal Nutrition, Animal Production & Mgt, Poultry Sc. Duration 2 years.

Research Studies PhD facilities exist.

***Details relate to BVSc & AH course**

Other Courses Postgraduate Diplomas in Poultry Production and Dairy Cattle for in-service candidates of State Govt.

Heads of Departments *Anatomy* Dr A M Shrivastava *Animal Breeding & Genetics* Dr B G Katpatal *Animal Nutrition* Dr B R Patle *Animal Production and Mgt* Dr B K Dave *Biochem* Dr I C Datta *Parasitology* Dr H L Shah *Pathol* Dr J L Vegad *Pharmacol* Dr G C Parasar *Physiol* Dr S K Saxena *Poultry Sc* Dr A G Khan *Hostel Warden* Dr H O P Shrivastava *Librarian* Smt Pushpa Khatri.

COLLEGE OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

Mhow, M P

ESTABLISHMENT 1955

PHONE 622

MANAGEMENT University

GRAM Vetcollege

DEAN Dr K S Johar

Courses* BVSc&AH

Duration 4½ years

Seats 60

MVSc&AH

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to Women/foreigners/State Govt nominees)

Academic qualification Intermediate/BSc Part I or 12th standard exam of the Central Board of Secondary Edn or equivalent with Phy, Chem & Biol subjects with 55% marks. Candidates must have passed Higher Secondary exam with Eng. **Domicile** Admission is restricted to domiciled candidates.

Reservations

Application Procedure

Selection

} Common details given in this chapter under College of Agricultural Engineering, Jabalpur

Fees Tuition fee Rs 60-75 per semester.

Scholarships Merit, Merit-cum-means scholarships, ICAR/National Loan/National scholarships etc. are available.

*Details relate to BVSc & AH course

Hostels Seats for 240 candidates. Residence is optional. Lodging Rs 9 and Boarding Rs 210 pm.

Postgraduate Courses MVSc & AH in Vet Microbiol, Vet Pathol, Vet Med, Vet Obst & Gynae, Animal Breeding & Genetics, Animal Nutrition, Animal Production & Mgt. Duration 2 years.

Heads of Departments *Ag Econ and Farm Mgt* Dr A R Verma *Ambulatory Clinic* Dr R S Sisodia *Animal Breeding and Genetics, Production and Mgt* Dr F H Khan *Microbiol* Dr P N Pathak *Obst and Gynae* Dr R A S Chouhan *Poultry Sc* Dr J P Singh *Vet Physiol* Dr S C Adaval *Vet Anatomy* Dr G P Tiwari *Vet Biochem* Dr R C Dhir *Vet Extn* Dr R M Bakshi *Vet Med* Dr P G Supekar *Vet Parasitol* Dr P C Jain *Vet Pathol* Dr V S Richharia *Vet Pharmacol* Dr D V Shilaskar *Hostel Wardens* Dr S S Pandey, Dr K S Misraulia *Librarian* Shri V K Onkar.

Extension Activities The college undertakes extension programmes like ambulatory clinic work, poultry extension, polyclinic camps, radio talks and publication of extension literature. The specialists visit villages for treatment of animals relating to the cases of infertility & sterility and pregnancy diagnosis. They give advice to poultry keepers on feeding, vaccination and management. Polyclinic camps are organised in areas where the specialists undertake the work of treatment. They advise the rural people for timely treatment and importance of timely breeding of animals for better returns. They also deliver radio talks on these topics. The college publishes for pamphlets for distribution amongst the farmers.

R A K COLLEGE OF AGRICULTURE

Sehore 466001

ESTABLISHMENT 1955

PHONE 227

MANAGEMENT University

DEAN Dr D Singh

Courses* BSc (Agri)

Duration 4 years

Seats 70

MSc (Agri)

Request for application

January/February

Last date

Eligibility Age 16-22 years (not applicable to women/foreigners/State Govt nominees)
Academic qualification HSSC exam of M P Board or equivalent with Phy, Chem, Maths/Biol or Agri subjects and must have obtained 50% marks. **Domicile** Candidates must be residents of M P for at least 3 years.

*Details relate to BSc (Agri) course

Reservations

Application Procedure

Selection

} Common details given in this chapter under College of Agricultural Engineering, Jabalpur

Fees Tuition fee Rs 60 per semester.

Scholarships ICAR/Merit/Merit-cum-Poverty/Post-Matric/National Loan scholarships are available.

Hostels Seats for 218 boys. Residence is optional.

Postgraduate Courses MSc (Agri) in Agril Chem, Agril Econ, Agronomy, Extn Edn, Entomology, Plant Breeding. Duration 2 years.

KANPUR UNIVERSITY

JANTA COLLEGE Bakewar, Dist Etawah 206124

ESTABLISHMENT 1959

PHONE 34

MANAGEMENT Trust

PRINCIPAL Shri S S Tewari

Courses* BSc(Ag)(Hons) MSc(Ag)	Duration 3 years	Seats 120
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Request for application June

Last date July

Reservations SC/ST 18%.

Eligibility Intermediate (Agri) of U P Board or an equivalent exam with 5% marks.
Domicile No restriction.

Application form and prospectus can be obtained from the College on payment of Rs 4 in cash or by sending M O of Rs 8 payable to the Principal of the College if required by post. IPO is not accepted. Completed application should reach the College by the notified date.

Selection Admission is made on merit basis as per Univ rules. Weightage is given to those who have passed High School exam in 1st division/Intermediate (Agril) from Janta College, Bakewar. Weightage is also allowed to the children/brothers/sisters of the College/Univ or its affiliated Colleges employees.

Fees Tuition fee Rs 132 pa.

Scholarships Besides Central/State Govt scholarships freships and financial assistance is given to poor and deserving candidates. Financial assistance of Rs 200 pa is also awarded by a trust.

*Details relate to BSc Ag (Hons) course

Hostels Accommodation is available for 64 boys. Residence is optional. **Room Rent** Rs 28 to 33 pm and **Mess charges** Rs 150 pm (approx).

Postgraduate Course MSc (Ag) in Horticulture. **Duration** 2 years.

Statistics (1985) Number of applications received 944.

Special Features The college imparts education in utmost rural surroundings. NCC/NSS is compulsory. The college has well equipped laboratories for practical training.

Extension Activities Farmer days publicities, distribution of extension literature, adult education programme and organization of agricultural exhibitions, demonstrations, village camping are undertaken under the lab to land programme for modernisation in agricultural techniques. There is also an extension training centre.

Heads of Departments *Agronomy* Shri S S Prajapati *Animal Sc* Dr I D Bhatele *Entomology* Shri B R S Tomar *Extn Edn* Dr K S Shukla *Genetics & Plant Breeding* Dr R S Dubey *Horticulture* Dr R K Shukla *Soil Sc* Shri L P Dubey *Hostel Wardens* Shri S S Prajapati *Librarian* Shri S K Dixit.

JANTA MAHAVIDYALAYA

Ajitmal, Etawah 206121

ESTABLISHMENT 1959

PHONE 22

MANAGEMENT Private

GRAM Mahavidyalaya

PRINCIPAL Shri B K Misra

ourses* BSc (Ag) Hons	Duration 3 years	Seats 120
MSc (Ag)		

Request for application Mid June

Last date July 31

Reservations SC/ST 18%.

Eligibility **Age** No restriction **Academic qualification** Inter (Sc) with Agri of the Board of High School & Intermediate Education. **U P** or equivalent exam. **Domicile** No restriction.

*Details relate to BSc (Ag) Hons

112 KANPUR

Application form and prospectus can be obtained from the Principal of the College on cash payment of Rs 10 or through MO. Completed application should reach the College by the notified date.

Selection Admission is made on merit obtained in the qualifying exam. Weightage is given to candidates who are first class in High School, NCC/sportsmen, students of parent institutes and Children/brothers/sisters/spouses of permanent employees of the college/Kanpur Univ.

Fees Tuition fee Rs 132 and other charges Rs 350 pa.

Scholarships Bursaries of Rs 100, Govt scholarships, freeships etc are available.

Hostels No hostel facilities are available.

Postgraduate Courses MSc (Ag) in Agril Econ and Agril Bot. Duration 2 years.

General Information The College is situated in typical rural surrounding.

Heads of Departments *Agronomy* Dr L S Chauhan *Agril Engg* Shri K V S Gour *Agril Marketing & Coop* Dr B P Sharma *Animal Sc & Husbandry* Shri R C S Gour *Entomology* Shri B K Misra *Extn Edn* Shri S H Khan *Genetics & Plant Breeding* Shri P N Misra *Horticulture* Shri O P Pachauri *Agril Chem* Shri R C Ramyadav *Librarian* Shri Mohd Idris.

KULBHASKAR ASHRAM DEGREE COLLEGE

Allahabad, U P

ESTABLISHMENT 1960

PHONE 52475

MANAGEMENT Trust

PRINCIPAL Dr K C Srivastava

Course BSc (Ag)

Duration 3 years

Seats 80

Request for application April

Last date July

Reservations SC/ST 18%.

Eligibility Inter (Ag) of the Board of High School & Intermediate Edn, U P or equivalent exam. Domicile No restriction.

Application form and prospectus can be obtained from the Principal of the College on payment of Rs 5 in cash or through MO. Completed application should reach the Principal by the notified date.

Selection Admission is made on merit obtained in the qualifying exam. Weightage is given to NCC candidates/sportsmen, students of parent institutes, children/brothers/sisters/spouses of permanent college/Univ employees.

Fees Tuition fee Rs 132 pa.

Scholarships Bursaries, ICAR scholarships, Scholarships to Backward Class candidates and fee concessions to 17½% of the total number of students on roll are available,

Hostels Accommodation is available for 110 boys. Residence is optional. Lodging Rs 20 Boarding Rs 135 pm.

Heads of Departments *Agril Econ* Dr J L Srivastava *Agril Engg* Shri A B Sheikh *Agril Marketing & Coop* Dr S B Misra *Animal Sc* Dr R S Srivastava *Animal Husbandry* Shri H K Bountra *Dairy Sc* Shri P Dwivedi *Entomology* Dr B B L Srivastava *Extn Edn* Dr S B Mishra *Genetics & Plant Breeding* Shri D S Tiwari *Horticulture* Dr R K Sharma *Soil Sc* Dr K C Gaur *Hostel Warden* Dr S B Mishra *Librarian* Shri M N Srivastava.

KERALA AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

Extension activities are elaborate and wide spread. The activities cover technical assistance to extension personnel working in State departments/voluntary agencies, disseminate scientific information, transfer of technologies to farmers and identifying field problems for research and solution. It organises demonstrations, workshops, training camps, seminars, meetings and distribute literature for the benefit of farmers. The information and communication services produce a quarterly publication, research journal, abstracts, news letters and leaflets on all aspects of agriculture. It has TV and Radio coverage for its activities. 'Lab to Land' programme aims at transfer of low cost technology to the farmers for which villages have been adopted. About 1100 families are benefitted every year. National demonstrations on scientific agriculture, animal husbandry and fisheries practices are conducted in districts to help the farmers adopt improved practices and to take corrective measures in increasing yield. The activities cover the socio economic upliftment of backward class people based on integrated approach in agriculture, animal husbandry, veterinary clinics, goat rearing, poultry, home science, health, cottage industries and in fisheries. State level training programmes on improved practices of foodgrains are organised every year. Campus training is also imparted to conduct resource study and impart need based training on agriculture and allied subjects to the farmers and motivate them to adopt improved techniques. Krishi Darshan programme takes farmers and students to research stations and educational institutions alongwith cooperative societies and voluntary agencies.

Director of Extension Dr A G G Menon

COLLEGE OF AGRICULTURE

Vellayani 695522 Trivandrum

ESTABLISHMENT 1955

PHONE 73021 TVM

MANAGEMENT University

DEAN Dr N Sadanandan

Courses*	BSc (Ag)	Duration 4 years (12 trimesters)	Seats 80
	MSc (Ag), Hort, Food & Nutrition PG Diploma (Ag) PhD		

Request for applicatlon April/May*Last date* May/June

Reservations SC 8% ST 2% Socially & Educationally Backward Communities 25% Travancore & Malabar Area 15% (in the ratio of 8 : 5) Open seats 50%. Seats are reserved for village level workers, agricultural demonstrators, sports men/women, Diploma holders, Children of Agriculturists, Farm labourers and their wards, Repatriates from Burma & Ceylon, State/ICAR nominees (including foreigners).

Eligibility Age Minimum 17 years as on 31 December. **Academic qualification** Pre-Degree with Phy, Chem and Biol with 50% marks (40% for SC/ST and 45% for backward classes) or equivalent. Candidates must be physically fit. **Domicile** Admission is restricted to State candidates except in case of nominees.

Application form and prospectus can be obtained from the Registrar, Kerala Agricultural University, Main Campus, Vellanikkara, Trichur 680654 or from Medical Colleges of Kerala State on payment of Rs 75 (including registration fee) in cash or Rs 80 through MO in favour of Deputy Registrar (if desired by post). POs/Cheques/Drafts are not accepted. Completed applications should be sent to the Commissioner for Entrance Examinations, Jawahar Nagar, Trivandrum 695041.

Foreign students should apply in the prescribed form available with the Indian Missions.

Selection Admission is made on the basis of merit in the entrance exam held for admission to various professional courses conducted by the Commissioner. Entrance exam is conducted at Calicut, Cannanore, Ernakulum, Palghat, Quilon, Kottayam, Trichur and Trivandrum. The test is of pre-degree level with objective type questions in two papers on Chem & Phy and Biol. Selection list is notified by the Kerala Agricultural Univ.

*Details relate to BSc (Ag) course.

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Physical Fitness certificate is required.

The Course commences in November.

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Univ merit, National merit, National loan scholarships are available.

Hostels UG (Men) 150 seats, Women's Hostel 120 seats, PG Hostel 60 seats, Trainees 100 seats. Residence is optional. Lodging Rs 20 and Boarding Rs 300 pm.

Postgraduate Courses MSc (Ag) in Agril Bot, Agronomy, Entomology, Extn Food Sc & Nutrition, Plant Breeding, Plant Pathol, Agril Chem. MSc (Hort)
Duration 2 years.

Research facilities exist in all the Deptts of PG studies.

Other Course 1-yr PG Diploma in Agri (Food & Nutrition, Plant Protection, Soil Sc).

Special Features The college has Kayal land under single crop paddy and garden land serving as instructional farm.

Heads of Departments *Agronomy* Dr V K Sasidhar *Agril Engg* Dr A N Rama Devi
Animal Husbandry Dr Skariah Oomman *Entomology* Dr N Mohandas *Extn Edn* Dr A Muraleedharan Thampi *Food Sc* Dr L Prema *Horticulture* Dr S Ramachandran Nair
Soil Sc Dr R S Aiyer *Hostel Warden* Dr M M Koshi.

COLLEGE OF COOPERATION & BANKING

Mannuthy 680651 Trichur

ESTABLISHMENT 1981

PHONE 25367

MANAGEMENT University

GRAM Agrivarsity

ASSOCIATE DEAN Dr C A Jos (*Incharge*)

Courses* BSc (Coop & Banking)

Duration 4 years

Seats 30

MSc

(12 trimesters)

Request for application

July/August

Last date

*Details relate to BSc (Coop & Banking) course.

Reservations SC 8% ST 2%. Socially & educationally backward communities 25%. Travancore & Malabar areas 15% (in the ratio of 8 : 5) Open seats 50%.

Eligibility Age 16 years as on June 30. **Academic qualification** Pre-degree or equivalent exam with Comm or Econ as optional subject. Candidate should be physically fit. **Domicile** Admission is restricted to State candidates.

Application form and prospectus can be obtained from the Registrar, Kerala Agricultural University, Vellanikkara, Trichur 680654 on cash payment of Rs 5 or by bank remittance in KAU Non-operative, Collection pay-in-slip available at branches of State Bank of Travancore. Cheques/demand draft/IPO/MO are not accepted. In case the form is desired by post, original pay-in-slip towards remittance of Rs 5 along with self-addressed stamped (Rs 1.30) envelope of size 25 × 12 cms may be sent to the Univ. Completed application and pay-in-slip receipt towards remittance of registration fee of Rs 10 should reach the univ by the notified date.

Selection is made on the basis of marks obtained in the qualifying exam and interview. Due weightage is given to sportsmen/women, ex-servicemen, widows/children of Defence personnel, graduates, NSS/Social Service league candidates.

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Univ merit scholarships, interest free loan scholarships by State/Central Govt, fellowships under HRD programme and educational concession to SC/ST students are available.

Hostels Residence is compulsory. Lodging Rs 20 per trimester and boarding Rs 300 pm.

Postgraduate Courses MSc (Rural Marketing Mgt), MSc (Rural Finance & Banking) (proposed).

Extension Activities include NSS activities, village adoption scheme, Lab-to-Land programme and class-room lectures to students of vocational courses in agriculture and rural development.

Statistics (1985) Applications received 367. Admissions made 32.

COLLEGE OF FISHERIES
Panangad P O Cochin 682506

ESTABLISHMENT 1979

PHONE 87037
84391

MANAGEMENT University

DEAN Dr M J Sebastian

Courses* BfSc

Duration 4 years
(12 trimeters)

Seats 30

MfSc

Request for application

July/August

Last date

September/October

Reservations SC 8% ST 2% Socially & Educationally Backward communities 25% Travancore & Malabar Area 15% (in the ratio of 8 : 5) Open seats 50%. Seats are reserved for sportsmen/women, children/dependents of fishermen and Govt/ICAR nominees (including foreign students).

Eligibility Age 17 years as on 31 December. **Academic qualification** Pre-degree with Phy, Chem and Biol taken together with 50% marks in aggregate (40% for SC/ST and 45% for backward classes) or equivalent. Knowledge of swimming is an essential qualification. Candidates should be physically fit. Candidates who cannot withstand physical strain and are prone to sea-sickness need not apply as the course involves considerable practical field work including getting into water in ponds, tanks, reservoirs and going to the sea on fishing and oceanographic cruises. **Domicile** Admission is restricted to State candidates except in case of Govt nominees.

Application Procedure } Common details given in this chapter under
Selection } College of Agriculture, Trivandrum.

The course commences in December.

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Univ merit, National merit, National loan scholarships are available.

Hostels Sufficient facilities are available. Residence is optional. Lodging Rs 20 and Boarding Rs 300 pm.

Postgraduate Courses MFSc in Aquaculture and Fishery Biol. **Duration** 2 years.

*Details relate to BfSc course.

Research It is proposed to develop through research viable technologies for the commercial cultivation of finfishes and shellfishes for the mixed farming of crops live-stock and fish, and for the large scale hatchery production of fish and prawn seed.

BFSc subjects Aquaculture, Fishery Biol, Processing Tech, Fishery Hydrography, Fishing Tech, Fishery Engg, Management Studies.

Special Features Practical training is imparted on different aspects of fisheries in order to produce professional degree holders.

Extension Activities The research results of practical utility are to be transferred to the fish farmers and the fishermen through extension education.

Heads of Departments *Aquaculture* Dr D M Thampy *Fishery Biol* Dr P Rabindranath *Fishery Hydrography* Shri K Kerala Varma *Fishing Tech* Shri P Radhakrishanan Nair *Mgt Studies* Shri T M Sankaran *Processing Tech* Shri D D Namboodiri *Hostel Warden* Dr M J Sebastian.

COLLEGE OF HORTICULTURE

Vellanikkara 680654 Trichur

ESTABLISHMENT 1972

PHONE 21822

MANAGEMENT University

ASSOCIATE DEAN Dr P K Gopalakrishnan

Courses*	BSc (Ag)	Duration 4 years (12 trimesters)	Seats 80
	MSc		
	PhD		
	PG Diplomas		

Request for application

July/August

Last date

September/October

Reservations SC 8% ST 2% Socially & Educationally Backward Communities 25% Travancore & Malabar Area 15% (in the ratio of 8 : 5) Open seats 50%.

Seats are reserved for village level workers, agricultural demonstrators, Farm Assistants (Agri), sportsmen/women, Diploma holders, children of agriculturists & Defence personnel, Farm labourers & their wards, Repatriates from Burma & Ceylon, State Govt/ICAR nominees (including foreign students).

*Details relate to BSc (Ag) course.

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Eligibility
Application Procedure
Selection

} Common details given in this chapter under College of Agriculture, Trivandrum

The course commences in January.

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Univ Merit, National Merit, National loan scholarships are available.

Hostels Seats available for 202 boys and 178 girls. Residence is compulsory. Lodging Rs 153 pa and boarding Rs 350 pm.

Postgraduate Courses MSc (Ag) : Agril Bot/Plant Breeding, Agril Econ, Agril Entomology, Agronomy, Plant Pathol, Soil Sc & Agril Chem, MSc (Agril Engg) and MSc (Horticulture).

Research Studies PhD facilities available in Horticulture.

Diplomas One-year P G Diplomas in Land & Water Resources Mgt and Natural Rubber Production.

Special Features The course involves intensive practical field work.

Heads of Departments *Agril Bot* Dr K M N Namboodiri *Agril Econ* Dr V Radhakrishnan *Agril Engg* Prof T P George *Agril Stat* Prof V K G Unnithan *Agrometeorology* Dr P Balakrishna Pillai *Agronomy* Dr C Sreedharan *Entomology* Dr T S Venkitesan *Extn Edn* Prof K P Ramachandran Nair *Olericulture* Dr K V Peter *Plantation Crops & Spices* Dr G Sreekantan Nair *Plant Pathol* Dr Abi Cheeran *Processing Tech* Dr K V Peter *Soil Sc* Dr A I Jose. *Hostel Wardens* Dr S Rajan, Dr Sosamma Jacob.

COLLEGE OF VETERINARY & ANIMAL SCIENCES

Mannuthy P O, Trichur 680651

ESTABLISHMENT 1955

PHONE 22344

MANAGEMENT University

DEAN Dr M Krishnan Nair

Courses*	BVSc & AH	Duration 5 years	Seats 120
	MVSc	(15 trimesters)	
	PhD		
	PG Diplomas		

Request for application August/September

Last date September/October

Reservations SC 8% ST 2% Socially & Educationally Backward Communities 25% Travancore & Malabar Area 15% (in the ratio of 8 : 5) Open seats 50%. Seats are reserved for Livestock/Farm (Vety) Assistants, sports men/women, children of agriculturists and Defence personnel, farm labourers & their wards, Repatriates from Burma & Ceylon, State Govt/ICAR nominees (including foreign students).

Eligibility

Application Procedure

Selection

} Common details given in this chapter under College of Agriculture, Trivandrum.

The course commences in January.

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Univ merit, national merit, national loan scholarships are available.

Hostels facilities are available for 200 boys and 150 girls. Residence is compulsory. Lodging Rs 20 and boarding Rs 250 pm.

Postgraduate Studies MVSc : Anatomy, Animal Breeding & Genetics, Animal Mgt, Animal Reproduction, Clinical Med, Dairy Sc, Extn Edn, Microbiol, Nutrition, Parasitol, Pathol, Pharmacol, Physiol, Poultry Sc, Preventive Med, Surgery, Vet Public Health. Duration 2 years.

P G Diplomas : Animal Reproduction, Microbiol, Poultry Sc, Pathol, Animal Mgt. Duration 1 year.

***Details relate to BVSc & AH course**

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Research Studies PhD facilities exist in Animal Breeding & Genetics, Animal Reproduction, Dairy Sc, Microbiol, Nutrition, Parasitol, Physiol, Pathol, Poultry Sc.

Special Features The college has livestock, poultry and pig farms in the campus.

KELAPPAJI COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY

Tavanur 679573 Malappuram

ESTABLISHMENT 1985

PHONE Tavanur 51

MANAGEMENT University

ADVISER & DEAN Dr P Basak (Incharge)

Courses*	BTech (Agril Engg) Diplomas	Duration 4 years (12 trimesters)	Seats 34
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Request for application May

Last date July

Reservations SC 8% ST 2% Socially & educationally backward communities 25% Travancore-Cochin & Malabar areas 15% (in the ratio of 8 : 5) Open (State Wide) seats 50%. ICAR nominees 3 seats.

Eligibility Age 17 years on 1 January. **Academic qualification** Pre-degree or equivalent exam with Phy, Chem, and Maths securing 50% marks in Maths and 50% (45% for S E B C) aggregate marks in Phy, Chem and Maths. In case of SC/ST candidates a pass in the qualifying exam is required. Candidate should be physically fit, **Domicile** Admission is restricted to State candidates except ICAR nominees.

Application form and prospectus can be obtained from the Registrar, Kerala Agricultural University, Vellanikkara, Trichur 680654 on cash payment of Rs 5 or by bank remittance in "KAU Non-Operative Collection A/c pay-in-slip" available at the branches of State Bank of Travancore. Cheques/demand draft/IPO/MO are not accepted. In case the form is desired by post, original pay-in-slip towards remittance of Rs 5 alongwith self-addressed stamped (Rs 1.30) envelope of size 25 x 12 cms may be sent to the univ. Completed application and pay-in-slip receipt towards remittance of registration fee of Rs 10 should reach the univ by the notified date.

Candidates from outside Kerala State are required to apply to ICAR through the State concerned.

*Details relate to BTech (Agril) Engg course

Selection is made on the basis of marks secured in the qualifying exam in Phy, Chem & Maths and interview. In case of a tie, merit is decided on the basis of marks obtained in Maths. In case of further ties, marks obtained in Phy and thereafter Eng are taken the criteria for selection. If the tie still persists, the total aggregate marks obtained in PDC or equivalent exam are taken the criteria for selection.

Commencement of course July/August

Medium of Instruction English

Fees Tuition fee Rs 70 per trimester. Rs 202 is payable at the time of admission.

Scholarships Merit scholarships, National loan scholarships, K P C R scholarships for economically backward students, Lumpsum grant/fee concession to SC/ST students are available.

Hostels One hostel each for boys and girls. Residence is compulsory. Lodging Rs 20 per trimester.

Diplomas in Agril Sc and Agril & Rural Engg for S S LC candidates Duration 7 trimesters each.

Courses Proposed P G Diploma, Masters and Doctoral Programmes in Agricultural Engineering.

Statistics (1985) Applications received 2,000.

Special Features The college has five departments : Water Resources and Conservation Engineering ; Irrigation & Drainage Engineering ; Farm Power, Machinery and Energy ; Post Harvest Technology & Processing ; and Supportive & Allied Courses of Study. It is proposed to have 16 specialised laboratories and 4 central facilities like Instructional-cum-Research Workshop ; Central data Processing Unit & Computer Centre ; Remote Sensing & Photographic Cell ; Reprographic & Audio Visual Unit. The college is expected to give appropriate impetus and generate associated developmental activities in the backward regions of the State.

Extension Activities cover need-based and highly oriented training programmes for agricultural demonstrators in the fields of Soil Sc, Meteorology, Soil Mgt, crop production, pomology, horticulture, vegetables gardening, plant pathology, etc. Scientists visit the farmers houses and fields under Lab to Land programme to study evaluate the various technologies adopted to increase yield in vegetable and paddy seeds, poultry gages etc. Improved seed (Taiveni), fertilizers and chemicals are provided to farmers to start kitchen gardens.

Heads of Departments *Irrigation & Drainage Engg* Shri K John Thomas *Farm Power, Machinery & Energy* Shri C P Mohammed *Hostel Warden* Shri C P Mohammed *Librarian* Shri P A Parameswaran.

KONKAN KRISHI VIDYAPEETH

EXTENSION EDUCATION PROGRAMMES

The extension activities attempt to : make useful information based on research findings available to farmers and others in rural areas to help solve their problems ; conduct demonstration and training programmes for the benefit of students, extension workers, cultivators ; keep farmers informed of the latest scientific developments on various aspects of farming ; stimulate research and training activities by bringing back the latest information on agriculture and rural life to research laboratories and classrooms. Pre-seasonal training for extension workers with latest package of practices for various crops is organised which enables them to discuss with the university scientists on field problems in implementing the crop production programmes in the region. Meetings, farmers' meals, field trips, film shows, exhibitions are organised in villages to demonstrate the potential and feasibility of new varieties in fertilizers, insecticides and other improved practices on farmers' fields. Farmers/farm women are brought to the university farms to see standing crops and to get acquainted with the latest know-how about crop production. The research stations organise field trips every year for the benefit of farmers and extension workers to show them on-going research programme. Samples, models, specimens, photographs and charts are displayed for the benefit of farming community and extension personnel. The university scientists, teachers and extension specialists deliver radio talks on improved farm technology and telecast regular programmes. They prepare radio news bulletins, scripts for schools and organize special programmes for All India Radio and Doordarshan. A monthly newsletter, extension literature in the form of circulars, leaflets, folders and booklets are published and distributed to farmers. Lab to Land programme aims at transfer of improved technology developed at the university to the farmers' fields. The objective is to help the weaker section of the rural society to raise their economic condition. About 1,000 farm families have been adopted under this programme. Special training classes are conducted by specialists for malis, farm youth, farm women, members of voluntary organizations, cooperative societies in horticultural nursery management, stone grafting, dairy farming, vegetable cultivation, crop protection, sericulture, compost making.

Director, Extension Education Dr J G Patil

BOMBAY VETERINARY COLLEGE

Parel, Bombay 400012

ESTABLISHMENT 1886

PHONE 4131180

MANAGEMENT Government

GRAM Bovet

ASSOCIATE DEAN Dr P D Sardeshpande

Courses* BVSc & AH Duration 4½ years (9 semesters) Seats 75
MVSc
PhD

Request for application May/June

Last date June

Reservations SC & Nav Budhas 13% ST 7% Denotified Tribes & Nomadic Tribes 4% Other Backward Classes 10% Agriculturists 12% Persons who and whose parents have not resided in the State for 3 years in the period of last 10 years 5% (Unreserved Seats) Children of: Defence personnel 5% Freedom fighters 2% Project affected 5% ICAR nominees 12 *Seats*.

Eligibility Age No restriction **Academic qualification** XII standard exam under 10+2 pattern or an equivalent with Phy, Chem & Biol and should have studied Maths at the X standard.

Domicile See under "Reservations" above.

Application form and prospectus can be obtained from the College on payment of Rs 3 through IPO in favour of Comptroller, Konkan Krishi Vidyapeeth, Dapoli and a self addressed stamped (Rs 2.30) envelope of 5" × 11" size. Completed application must reach the college by the notified date.

Selection Admission is made on merit in the qualifying exam. Weightage is given to following categories of students : Studied Animal Sc & Dairy as one of the subjects in qualifying exam; Agriculturists/Landless agricultural labourers; NCC/NSS; sports men/women whose land is acquired by the Govt.

The course commences in July.

Fees Tuition fee Rs 60 per semester and other fees Rs 210 pa.

Scholarships Various types of scholarships awarded by the Govt/Private agencies to meritorious/deserving students, educational concessions to poor students are available.

*Details relate to BVSc&AH course

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Hostels 210 seats for boys. Residence is optional. Lodging Rs 55 per semester and boarding Rs 200 pm.

Postgraduate courses MVSc in Anatomy, Animal Nutrition, Animal Reproduction, Dairy Cattle Production, Food Hygiene & Vet Public Health, Genetics & Animal Breeding, Med, Microbiol, Parasitology, Pathology, Pharmacol, Physiol, Poultry Sc, and Surgery. **Duration** 2 years.

Research Studies PhD facilities exist.

Special Features Educational tours are compulsory. Sports facilities/allied activities are available in the College.

Heads of Departments *Anatomy, Animal Nutrition, Physiol & Biochem* Dr B A Kulkarni *Genetics and Animal Breeding, Poultry and Dairy Sc and Extn* Dr N S Tadpatrikar *Med and Pharmacol* Dr V S Bhavé *Microbiol, Parasitol, Pathol, Food Hygiene and Vet Public Health* Dr S M Niphadkar *Animal Reproduction and Surgery* Dr K S Deshpande *Vet Polyclinic* Dr D P Velhankar (*Director*) *Hostel Warden* Dr J B Khot *Librarian* Shri D B Jagdale.

Statistics (1985) Number of applications received 338.

COLLEGE OF AGRICULTURE

Dapoli 415712 Ratnagiri

ESTABLISHMENT 1965

PHONE 128

MANAGEMENT University

GRAM Prinagari

ASSOCIATE DEAN Dr V G Khanvilkar

Courses*	BSc (Agri)	Duration 4 years (8 semesters)	Seats 80
	BSc (Hort)	4 years (8 semesters)	22
	MSc (Ag)		
	PhD		

Request for application June

Last date June/July

Reservations SC & Nav Budhas 13% ST 7% Denotified & Nomadic Tribes 4% Other backward classes 10% Agriculturists 12% Persons who have not resided in

*Details relate to first degree courses

Maharashtra for 3 years in the last 10 years 5% (unreserved) Children of : freedom fighters 2% project affected 5% defence personnel 5%. ICAR nominees 16 seats (2 seats for BSc Hort)

Eligibility Academic qualification XII standard exam under 10+2 pattern or equivalent with Phy, Chem, Biol. Candidates who have not offered Maths are required to offer make-up courses in the subject.

Application form and prospectus can be obtained from the College or from the Registrar, Konkan Krishi Vidyapeeth, Dapoli on payment of Rs 3 by IPO alongwith a self addressed stamped (Rs 2.30) envelope of 13×28 cms. Completed application should reach the univ by the notified date.

Selection Admission is made on merit in the qualifying exam. Weightage is given to the candidates belonging to following categories; Studied Agriculture Crop Sc/ Horticulture as vocational subject agriculturists/landless agricultural labourers; NCC/NSS/Blood Donation ; sports and allied activities and whose land is acquired by the Govt.

The course commences in July.

Fees Tuition fee Rs 60 per semester. Rs 199 is payable at the time of admission.

Scholarships Various types of scholarships awarded by the Govt/private agencies to meritorious and deserving students, educational concessions to poor students are available.

Hostels 260 seats for boys and 16 seats for girls students. Residence is optional. Lodging Rs 55 per semester boarding Rs 180 pm.

Postgraduate Courses MSc (Agri) in Agronomy, Animal Husbandry & Dairy Sc, Agril Econ, Agril Chem & Soil Sc, Agril Entomology, Agril Bot, Agril Extn, Horticulture and Plant Pathol. Duration 2 years (4 semesters).

Research Studies PhD facilities exist.

Special Features Practicals and educational tours are compulsory. Sports/allied activities are available in the college.

Statistics (1985-86) Number of applications received : BSc (Ag) 569 & BSc (Hort) 195.

Heads of Departments *Agril Engg* Prof S P Patil *Agril Marketing & Coop* Prof S G Borude *Animal Husbandry & Dairy Sc* Dr S V Majgaonkar *Entomology* Dr R B Dumbre *Extn Edn* Prof P S Sawant *Genetics and Plant Breeding* Dr S P Birari *Horticulture* Dr M J Salvi *Agril Chem* Dr A S Chavan.

COLLEGE OF FISHERIES

Ratnagiri 415612

ESTABLISHMENT 1981

PHONE 2341

MANAGEMENT University

GRAM Fisheries

ASSOCIATE DEAN Dr K N Sankolli

Courses* BfSc

Duration 3 years

Seats 22

PhD

(6 semesters)

Request for application

June

Last date

July

Reservations SC and Nav Budhas 13% ST 7% Denotified & Nomadic Tribes 1% Other backward classes 10% Agriculturists 12% Persons not resided in Maharashtra for 3 years in the period of last 10 years 5% (unreserved) Children of Freedom Fighters 2% Defence personnel 5% Project affected 5% ICAR nominees 2 *Seats*.

Eligibility XII standard exam under 10+2 pattern or its equivalent with Phy, Chem, Biol, Maths/Fisheries vocational courses.

Application form can be obtained from the college/univ on payment of Rs 3 through IPO in favour of Comptroller, Konkan Krishi Vidyapeeth, Dapoli. Completed application should reach the Registrar of the Univ by the notified date.

Selection Admission is made on merit in the qualifying exam. Weightage is given to following categories of students : Studied Fish Tech or Fresh Water Fish culture as one of the vocational subjects in qualifying exam ; agriculturists/landless agricultural labourers ; NCC/NSS ; sports men/women and whose land is acquired by the Govt.

The course commences in July.

Fees Tuition fee Rs 60 per semester. Rs 199 is payable at the time of admission.

Scholarships Various types of scholarships awarded by the Government/private agencies to meritorious and deserving students, educational concessions to poor students are available.

Hostels facilities exist for male students. Lodging Rs 55 per semester ; boarding Rs 150 pm.

Research Studies PhD facilities exist.

***Details relate to BfSc course**

Special Features Practicals and educational tours are compulsory. Sports facilities/ allied activities are available in the college.

Heads of Departments *Aquaculture* Dr Anil Rande *Biol* Dr P C Raje *Engg* Shri Nimbalkar *Hydro* Dr U D Gaikwad *Tech* Shri V R Joshi *Librarian* Shri T R Borse.

Statistics (1985) Applications received 49.

MARINE BIOLOGICAL RESEARCH STATION

Ratnagiri 415612

ESTABLISHMENT 1958

PHONE 2341

MANAGEMENT University

GRAM Fisheries

CURATOR Dr D R Jalihal

Courses MSc (Fisheries)
PhD

The research station functions under the Faculty of Fisheries of the Konkan Krishi Vidyapeeth, Dapoli. It offers MSc (Fisheries) by research in Aquaculture and Aquatic Biol in relation to Fisheries, *Disciplines* Marine Fisheries, Fresh Water Fisheries, Marine Biol. BfSc or BSc (Zool) degree holders with second division are eligible for admission to the course. **Duration** 2 years.

Research Studies PhD facilities exist.

General Information The Institute awards few research scholarships for prosecuting postgraduate and research studies for which candidates may apply to the Registrar, Konkan Krishi Vidyapeeth, Dapoli.

Special Features The Institute recruits Research students for fisheries organisation under inservice conditions.

Other Staff (*Asstt Research Officers*) Shri V P Joshi, Shri A K Upadhyay, Shri P D Redekar and Dr (Mrs) K C Vipradas.

**TARAPOREWALA MARINE BIOLOGICAL
RESEARCH STATION**

Netaji Subhas Road, Bombay 400002

ESTABLISHMENT 1951

PHONE 313333

MANAGEMENT University

GRAM Bomfisheries (STE)

RESEARCH OFFICER & HEAD Dr G A Shirgur

Courses MSc (Fisheries)

PhD

PG Course

**Research
Studies**

} **Refer common details given in this chapter under Marine
Biological Research Station, Ratnagiri**

**Other Staff (Asstt Research Officers) Dr S G Belsare, Dr R K Singh and
Shri J B Chavan.**

KURUKSHETRA UNIVERSITY

DAIRY SCIENCE COLLEGE

(National Dairy Research Institute)

Karnal 132001

ESTABLISHMENT 1955

PHONE 2621

MANAGEMENT ICAR

GRAM Dairysearch

JOINT DIRECTOR Dr R K Patel

Courses*	BSc Dairying (DT)	Duration 4 years (12 trimesters)	Seats 50
	MSc		
	PbD		
	Diplomas		

Request for application April

Last date Mid May

Eligibility 10+2 exam or equivalent with Phy, Chem, Maths and Eng with 55% aggregate marks (relaxation of 5% for SC/ST candidates).

Application form and prospectus can be obtained on cash payment or by post by remitting IPO of Rs 25 in favour of 'ICAR-UNIT, NDR1, Karnal'. Completed application alongwith prescribed fee of Rs 25 by IPO should reach the college by the notified date.

Selection Final selection is based on the performance in the entrance exam. On the basis of overall merit list, 10 candidates are selected irrespective of the State to which they belong. The remaining candidates are selected from State-wise representation cum merit. In case eligible candidates from a State are not available, the quota allotted to that State is transferred to the overall merit quota. The exam is held at Allahabad, Bangalore, Bombay, Kalyani and Karnal. The test comprises Phy, Chem, Maths, Eng and G K of one hour duration each and the questions are of objective type and of the standard of 10+2 exam.

The course commences in July.

Details relate to BSc Dairying (DT) course.

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Fees Tuition fee Rs 60 per trimester, other charges Rs 254 pa.

Hostels facilities for 385 boys and 68 girls. Residence is optional. Lodging Rs 100 pa and boarding Rs 300-400 pm.

Scholarships ICAR scholarships of Rs 125 to 7½% of actual admissions, NDRI scholarships, trust scholarships, Govt stipends, financial assistance are available.

MSc Dairy Bacteriol, Dairy Chem, Animal Bio-Chem, Dairy Tech, Live-stock Production & Mgt, Animal Bio Chem, Animal Genetics & Breeding, Animal Nutrition, Animal Physiol, Dairy Econ and Dairy Extn.

Diplomas Diploma in Analytical Research Techniques is offered at Karnal and Post-graduate Diplomas in Quality Control in Dairy Processing and Management of Dairy Enterprises are offered at Bangalore.

Research Studies PhD facilities available in all PG disciplines at Karnal, Bangalore, and Kalyani centres of NDRI.

Special Features The National Dairy Research Institute serves as the prime centre for research consultancy and manpower development programmes in the field of dairying. Advisory and consultancy services are made available for sharing the expertise developed at the Institute with outside agencies. The Institute maintains a herd of about 2,500 milch animals consisting of different breeds of cattle, buffaloes and goats. Programmes are being carried out for attaining higher productivity in the animals. The average production of milk from the cattle yards varies between 4-8000 litres a day. The Institute has a well equipped modern dairy plant for handling 10,000 litres of milk per day. It has an impressive collection of literature on dairying and related subjects. The Institute has installed a mini-computer with 16-bit processor, CPU with 128 k bytes of core memory, two hard disks, one type drive and a line printer.

Intensive training in processing of milk and milk products, quality control and engineering aspects of dairy processing equipments and inplant training at commercial dairy plants is imparted to students.

Extension Activities are covered through Krishi Vigyan Kendra, Trainer's Training Centre, Lab to Land programme, etc. The main concept is to organise skill and production oriented training programmes for those who are practising or involved in various fields of dairying, fisheries, bee keeping, crop production, organising dairy mela for dissemination of recent development concerning all aspects of dairying. 32 villages have been adopted for promotion of dairy husbandry practices. The scientists are actively involved in dissemination of latest technology to the farmers, innovation in dairy husbandry and livestock in an integrated manner to create employment opportunities in the rural areas.

Heads of Departments *Animal Breeding & Genetics* Dr M Gurnani *Animal Nutrition*
Physiol Dr D D Sharma *Dairy Tech* Dr S K Gupta *Extn Edn* Dr R L Kharde
Microbiol Dr D N Prasad *Vety Sc* Dr O S Tomer *Hostel Warden* Dr M L Madan
Librarian Shri M M Sharma.

Statistics (1985) Applications received 885. Admissions made 49.

MAHATMA PHULE KRISHI VIDYAPEETH

EXTENSION EDUCATION PROGRAMMES

The extension activities are mainly confined to training of extension workers, farmers, and popularization of improved agricultural practices scientific technology and provide continuous feedback from farmers to extension and research. This is achieved through various programmes viz induction, refresher, short-term and pre-seasonal training, district/zonal workshops and farm trials. Testing of technology on the farmers' fields is achieved by simple farm trials. Krishi Vigyan Kendra impart skill oriented training in agriculture and allied areas to farmers/women, rural youths and school drop-outs and field level functionaries. The demonstration activities cover conduct of demonstration on major food grain crops, pulse and oilseed crops, organization of field days, farmers' tours, group discussions, film shows, publication of information material. Farmers are demonstrated the performance of new recommended varieties and package of practices by organising group discussions, field days. Crop seminars are organised in the district centres. Literature on improved agricultural technology is published for use of extension workers and farmers. To get maximum outturn of better quality rice, meetings and group discussions of manufacturers of implements and technicians of rice milling machines and rice growers are arranged. Extension services are also provided by Rice Milling Centre through film shows, slide shows and demonstration for effective communication of the messages of modernization. The Lab to Land programme is implemented at 11 transfer of technology centres with the objective of : intensive treatment and individual attention to the neglected sector; to provide diversification of labour use through enterprises such as livestock farming, aquaculture, sericulture, farm forestry, home science; to impart training to youth and farm women in skill and innovations based on locally available agricultural products; to organise rural youth for undertaking production programme. The technology, centre implements the programme through demonstrations on cropping sequences, high yielding varieties, package of practices, new implements, dryland technology, inter-cropping methods, horticultural and vegetable crops, supply of chicks and feed, information on improved agriculture through printed materials and a close liaison by group meetings and discussions. The Communication Centre provide technical information to the farmers, extension personnel, extension oriented agencies. Public relations operate through press, radio, television by giving wide publicity to the developmental work, improved farm technology. The centre has a well developed farm museum which depicts recommended farm technology through exhibits; charts, blowups, specimens, models. The Public Relations unit attends to visitors and provide farm information.

Director, Extension Education Dr T S Khuspe

COLLEGE OF AGRICULTURAL ENGINEERING

Rahuri 413722 Dist Ahmednagar

ESTABLISHMENT 1968

PHONE 32

MANAGEMENT University

GRAM Krishivid-Rahuri

DEAN Prof R K Parakale

Courses* BTech (Agril Engg) Duration 4 years (8 semesters) Seats 50
 MTech (Agril Engg)

Request for applicatlon First week of July

Last date As per Advt

Reservations SC & Nav Budhas 13% ST (including tribes outside specified areas) 7% Children of Freedom Fighters 2% Agriculturists and their children 12% Denotified & Nomadic Tribes 4% Other Backward classes 10% Children of project affected 5% Children of Military ex-servicemen 5 seats Persons who and whose parents have not resided in Maharashtra State for three years in the period of last 10 years 5% (unreserved seats). From other University in the State 25% (unreserved seats). Govt of India/ICAR nominees 10% (Additional).

Eligibility Academic qualification XII standard (10+2) exam of Maharashtra State Board of Higher Secondary Education or equivalent with Phy, Chem & Maths
Domicile Residents of Maharashtra, as per rules.

Application form and prospectus can be obtained from the Registrar, Mahatma Phule Krishi Vidyapeeth, Rahuri, Ahmednagar on cash payment of Rs 7 or by a crossed IPO of Rs 10 favouring Comptroller, MPAU, Rahuri, if desired by post. Completed application along with prescribed registration fee should reach the univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam. Weightage is given to candidates passing qualifying exam with Geol/Workshop & Engg Drawing/Element of Mech, Civil & Elect Engg, Biol, Agri. Weightage is also given to BSc/BSc (Ag) degree holders, NCC/Air Wing/Naval/NSS certificate/Sportsmen/other co-curricular activities, University employees and their children, Children of agriculturists/landless agricultural labourers, Persons who or whose parents land is acquired by the Govt for Agricultural University/Irrigation/Power/Defence Project.

Fees Tuition fee Rs 60 and other fee Rs 389 for first semester.

*Details relate to BTech (Agril Engg) course

Scholarships The following scholarships are available: Govt of India Backward Class/National Loan, Merit-cum-Means, University Merit, National Merit scholarships to the children of Primary & Secondary teachers, State Govt Open Merit scholarships. Educational concessions to wives, widows and children of Defence personnel/Ex-servicemen/Freedom Fighters and free education to the children of primary school teachers are available.

Hostels About 150 boys and 6 girls can be accommodated in the hostel. Residence is optional. Lodging Rs 55 per semester.

Postgraduate Course MTech (Agril Engg) Farm Machinery & Power Irrigation & Drainage Engg; Soil & Water Conservation Engg; Agril Process Engg. **Duration** 2 years (4 semesters).

Statistics (1985) Number of applications received about 798 and Admissions made 50.

Special Features Study tour is compulsory.

Heads of Departments *Agril Engg* Prof V V Sinnarkar *Agril Process Engg* Prof L R Kanawade *Farm Machinery & Power* Prof R K Parakale *Farm Structures & Rural Electrification* Prof P M Thigale *Irrigation Drainage Engg* Prof P S Pampattiwar *Soil Water Conservation* Prof G B Bangal *Hostel Warden* Prof P M Thigale *Librarian* Shri A G Karande.

COLLEGE OF AGRICULTURE

Dhule 424001

ESTABLISHMENT 1960

PHONE 127

MANAGEMENT University

GRAM Prinagri

ASSOCIATE DEAN Dr B H Mogal

Course BSc (Agril)

Duration 4 years (8 semesters)

Seats 100

Request for application

May/June

Last date

June

Reservations SC & Nav Budhas 13% ST (including tribals outside specified area in Vidharbha) 7% Denotified Tribes & Nomadic Tribes 4% Other Backward Classes 10% Agriculturists and their Children 12% Children of Freedom Fighters 2% Candidates and their parents who have not resided in Maharashtra for three years in the period of last ten years 5% (unreserved seats). Children of Project affected 5 seats Children of Military ex-servicemen 5 seats ICAR nominees 10% (Additional).

Eligibility Academic qualification XII standard (10+2) exam of Maharashtra State Board of Higher Secondary Education with Phy, Chem, Biol & Eng or equivalent exam. Candidates who have not taken Maths as one of the optional subjects are to take extra courses in the subject. **Domicile** Residents of Maharashtra as per rules.

Application Procedure } Common details given in this chapter
Selection } under College of Agricultural Engineering,
Rahuri

The course commences in July.

Fees Tuition fee Rs 60 per semester.

Scholarships Govt of India Backward Class scholarships, National Loan scholarships of Rs 970 pa, ICAR Merit-cum-Means scholarships of Rs 125 pm, College Merit, Merit-cum-Means scholarships of Rs 40 each pm are available. In addition Free studentships/Educational concessions are available to Backward Class students, Children & dependents of soldiers who took part in World War II/Freedom Fighters/Primary Teachers etc.

Hostels about 400 seats are available in the hostel. Residence is optional. Lodging Rs 70 per semester.

Special Features The study tour is compulsory.

Heads of Departments *Agril Econ* Dr B J Hinge *Agril Engg* Prof B M Patil *Agronomy* Prof D F Patil *Animal Sc and Dairy Sc* Prof S L Purandare *Entomology* Prof V P Dalaya *Extn Edn* Prof M B Kibey *Genetics & Plant Breeding* Dr B S Manake *Horticulture* Prof A S Naphade *Plant Pathol* Prof M V Ekbote *Soil Sc* Dr S P Kale *Vet Sc* Dr S P Salunkhe *Hostel Warden* Prof R S Godge *Librarian* Shri N M Achale.

COLLEGE OF AGRICULTURE**Kolhapur 416004**

ESTABLISHMENT 1963

PHONE 25341-5

MANAGEMENT University

GRAM Prinagri

ASSOCIATE DEAN Prof B B More

Course BSc (Agri)

Duration 4 years
(8 semesters)

Seats 190

Request for application

May/June

Last date

July

Reservations SC & Nav Budhas 13% ST (including tribals outside specified area in Vidharbha 7% Denotified Tribes & Nomadic Tribes 4% Other Backward Classes 10% Agriculturists and their children 12% Children of Freedom Fighters 2% Candidates and their parents who have not resided in Maharashtra for three years in the period of last ten years 5% (unreserved seats) Children of Project affected 5 seats Children of Military Ex-servicemen 5 seats. ICAR nominees 10% (Additional).

Eligibility Academic qualification XII standard (10+2) exam of Maharashtra State Board of Higher Secondary Education with Phy, Chem & Biol or an equivalent exam. Candidates who have not taken Maths as one of the optional subjects shall have to take extra courses in the subject. **Domicile** Residents of Maharashtra as per rules.

Application Procedure**Selection**

} Common details given in this chapter under College of Agricultural Engineering, Rahuri.

The course commences in July.

Fees Tuition fee Rs 60 per semester.

Scholarships Govt of India Backward Class scholarships, National Loan scholarship of Rs 970 pa, ICAR Merit-cum-Means scholarships of Rs 125 pm, College Merit and Merit-cum-Means scholarships of Rs 40 pm each are available. In addition Fr studentships/Educational concessions are available to Backward Class students/Children of Freedom Fighters/Primary Teachers etc. Fee concession is also available to specified-category candidates.

Hostels About 300 seats are available in the hostel. Residence is optional. **Lodging** Rs 60 and Boarding Rs 120 pm.

Statistics (1985) Number of students enrolled 207.

Special Features The study tour is compulsory.

Heads of Departments *Agriculture* Dr B S Mothite *Agri Chem* Prof M D Patil *Agri Engg* Prof M B Shingte *Agri Econ* Prof J R Powar *Dairy Sc, Animal Sc & Poultry Sc and Fisheries* Prof V S Narwade *Entomology* Prof B P Gajre *Extn Edn* Prof V M Rade *Forestry & Horticulture* Prof S B Magdum *Hostel Warden* Shri A B Jagtap *Librarian* Smt S M Gholkar.

COLLEGE OF AGRICULTURE

Pune 411005

ESTABLISHMENT 1907

PHONE 56361

MANAGEMENT University

GRAM Prinagri

PRINCIPAL Dr B C Patil

Courses* BSc (Agri)	Duration 4 years	Seats 190
BSc (Hort)	(8 semesters)	

MSc (Agril)

Request for application May/June

Last date June

Reservations SC & Nav Budhas 13% ST (including tribals outside specified area in Vidharbha) 7% Denotified Tribes & Nomadic Tribes 4% Other Backward Classes 10% Agriculturists and their Children 12% Children of Freedom Fighters 2% Candidates and their parents who have not resided in Maharashtra for three years in the period of last ten years 5% (unreserved seats) Children of Project affected 5 seats Children of Military ex-servicemen 5 seats ICAR nominees 10% (*Additional*),

Eligibility Academic qualification XII standard exam of Maharashtra State Board of Higher Secondary Education with Phy, Chem, Biol & Eng or equivalent. Candidates who have not taken Maths as one of the optional subjects are to take extra courses in the subject. **Domicile** Residents of Maharashtra, as per rules.

Application Procedure } Common details given in this chapter under College of
Selection } Agricultural Engineering, Rahuri

The course commences in July.

*Details relate to first degree courses

140 M P KRISHI

Fees Tuition fee Rs 60 per semester.

Scholarships Govt of India Backward Class scholarships, National Loan scholarships of Rs 970 pa, ICAR Merit-cum-Means scholarships of Rs 125 pm College Merit and Merit-cum-Means scholarships of Rs 40 each pm are available. In addition Free studentships/Educational concessions are available to Backward Class students, Children & dependents of soldiers who took part in World War II/Freedom Fighters/Primary Teachers etc. Fee concession is also available.

Hostels About 550 seats for boys and 8 seats for girls. Lodging Rs 55 for I semester & Boarding Rs 170-190.

Postgraduate Course MSc in Agriculture Duration 2 years (4 semesters).

Statistics (1985-86) Number of applications received 2064.

Special Features The study tour is compulsory.

Extension Activities The teachers of the college are involved in research and extension education. They attend the training programmes for the staff of the State Department of Agriculture and Zilla parishad ; district and other workshops, and participate in farmers rallies. The teachers visit the field for on the spot study and advise and also attend to queries on problems relating to agriculture.

The college also has an Extension Block where development activities are organised by the Extn Deptt,

Heads of Departments *Agril Coop & Marketing/Banking* Prof D G Parkale *Agril Engg* Prof R V Jadhav *Agronomy* Prof H J Temgire *Animal Sc & Dairying* Dr A M Kale *Entomology* Prof R N Pokharkar *Extn Edn* Dr S S Throat *Genetics & Plant Breeding* Dr M M Patil *Horticulture* Dr D P Bhore *Microbiol* Dr W D More *Soil Sc* Prof S S Deshmukh *Vety Sc* Dr B P Amte *Hostel Warden* Dr R D Ghatge *Librarian* Smt S R Gopalkrishnan.

POSTGRADUATE INSTITUTE

M P A U, Rahuri 413722

ESTABLISHMENT 1972

PHONE 7

MANAGEMENT University

GRAM Krishivid

ASSOCIATE DEAN Dr N D Patil

Courses MSc
PhD

BSc (Agri) degree holders with 2.25 CGPA are eligible.

Specialisations MSc (Ag) in Agril Chem, Agril Econ, Agril Entomology, Agril Extn, Animal Sc, Cytogenetics & Plant Breeding, Dairy Sc, Horticulture, Microbiol, Plant Pathol, Plant Physiol, Soil Sc. **Duration** 2 years (4 semesters).

Research Studies PhD facilities exist.

Heads of Departments *Agril Chem and Soil Sc* Dr S Y Daftardar *Agril Biochem* Dr S S Kadam *Agril Stat* Prof S V Mahajan *Animal Sc, Husbandry, Dairy Sc* Dr N D Balhe *Agril Econ* Dr M P Dhongade *Entomology* Dr D S Ajri *Agril Extn* Dr D R Jadhav *Seed Tech & Plant Physiol* Dr D R Bapat *Horticulture* Dr K G Choudhary *Microbiol & Plant Pathol* Dr P A Shinde *Hostel Warden* Shri A V Mohite *Librarian* Shri A G Karande.

MANIPUR UNIVERSITY

MANIPUR AGRICULTURAL COLLEGE

Iroisemba, Imphal 795001

ESTABLISHMENT 1979

PHONE 85401

MANAGEMENT Trust

GRAM Agriccollege

PRINCIPAL Dr S Bapu Singh

Course BSc (Agril)

Duration 4 years
(8 semesters)

Seats 40

Request for application June

Last date July

Reservations SC 1 seat ST 12 seats Nominees of States/Union Territories of North Eastern Region of India 15 seats (Allocation of seats are : Nagaland 5 Meghalaya 2 Arunachal 2 Mizoram 2 Tripura 2 Sikkim 2) Nominees of Manipur Govt 25 seats.

Eligibility Age 16-20 years (upper age relaxable by 5 years for SC/ST & inservice candidates) **Academic qualification** 2-year Pre-Univ/Pre-degree/12-year Hr *Sec or equivalent with Phy, Chem, Biol with 45% marks. (40% for SC/ST candidates and candidates having 3 year professional experience). Maths is considered as additional qualification. Candidates must be physically fit. Preference is given to children of farmers. **Domicile** Admission is restricted to the residents of Manipur State.

Application form can be obtained from the Principal of the College by sending a crossed IPO of Rs 5 in favour of the College at Imphal Post Office along with a self-addressed stamped (Re 1) envelope of 23 × 12 cm. Completed application should reach the College by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam, written test and/or interview.

Medium of Instruction English

Fees Tuition fee Rs 60 & other fee Rs 124 per semester.

Hostels Seats for 120 boys and 40 girls. Residence is Compulsory. Lodging Rs 56 per semester, boarding Rs 175 pm.

Statistics (1985) Applications received 99.

Special Features The College is located at the campus of Gram Sevak Training Centre, Iroisemba to cater to the needs of the region for imparting training in agriculture, Horticulture and hill Agriculture.

Extension Activities The College carries out the extension activities through lab to land programme in which farmers are selected from the adopted village and latest scientific techniques of cultivation practice are imparted to them. During the current year a poultry farming has been started with 600 white leg horn birds by the Animal Husbandry Department. Another Project under Himalayan Eco-Development programme has also been taken up in which different kinds of fruit tree seedling are raised and distributed to interested farmers. Besides this college also conducted Kharif production training programme for rice in collaboration with State Department of Agriculture for sponsored officials. Students visit villages and stay with the villagers for a few days to acquaint themselves with their problems.

Heads of Departments *Agri* Dr A Ibopishak Singh *Agri Engg* Shri K Manoranjan Singh *Agri Marketing and Coop* Shri N Ram Singh *Animal Sc and Animal Husbandry Poultry Sc, Vety Sc, Pharmacol and Public Health* Dr M Dhaneswor Singh *Entomology* Smt Th Bina Devi *Extn Edn* Shri Ch Tombi Singh *Genetics & Plant Breeding* Km Ph Sobita Devi *Horticulture* Shri W Ingo Meitei *Soil Sc* Shri R K Kumarjit Singh *Hostel Wardens* Dr N Iboton Singh, Shri O Nirmalkumar Singh and Shri L Palendra Singh *Librarian* Shri N Maniroton Singh.

MARATHWADA KRISHI VIDYAPEETH

EXTENSION EDUCATION PROGRAMMES

Faster dissemination of agricultural production technology is achieved by conducting demonstrations on the technology generated by this University and the promising technology imported from other Universities. Every year 2000 demonstrations are organised on farmers' fields to convince them about the superiority of new technology. Field days, crop seminars and farmers rallies are organised at the main campus, research stations and villages to educate the farmers and to discuss the problems they face while using the new technology. The mobile unit of the scheme has daily programme to visit at least two villages. The programme has a special focus on dry farming, horticultural development, management of irrigation water, cultivation of hybrid and high yielding varieties, animal husbandry and dairy. The communication centre is mainly engaged in processing the research findings of the university for dissemination to extension workers and farmers directly and through mass media. Publication of a monthly farm journal "SHETI BHATI" is an important endeavour to attend to the information needs of the farmers and to communicate timely information. It includes information on the new technology in agriculture, animal sciences, and home science. In order to disseminate timely information, the University has selected 1500 progressive farmers with a view to serve as contact farmers and to project to these farmers the timely information, occasional warnings or practical tips on solving day to day problems. Regular contact is maintained with these farmers through correspondence. A circular named "Samayack Sandesh" is mailed to these farmers frequently. The results of research are processed for publishing in newspapers and journals and AIR stations. The staff members participate in talks/interviews, discussions in addition to providing information bulletin for morning release of the farm programme of AIR, Parbhani. The farm school on AIR was started in 1980 and lessons on 13 subjects in agriculture, animal husbandry, sericulture, soils were broadcast over the AIR Station, Parbhani. 7000 farmers have enrolled as participants in this programme. University has produced two documentaries on the activities of the University. The University conducts regional level orientation training for the benefit of regional and district level staff of agriculture and other development departments. Livestock Supervisors Training is organised for the staff of the Animal Husbandry Department to improve their professional competence. Lab to Land Programme is an important land mark to serve small/marginal farmers and landless labourers. The programme has in its fold 800 farm families and 200 landless labourers. Cultivable area under Manar Irrigation Project was rendered unfit for cultivation due to severe and devastating damage done by white grub pest. Entomologists initiated research work, developed the technology to control white grub.

Director Extension Education Dr G K Sangle

DEPARTMENT OF HORTICULTURE

(Faculty of Agriculture)

Parbhani 431402

DEAN Dr V K Patil

GRAM Prinagri

Course BSc (Hort)

Duration 4 years

Seats 20

Request for application

June/July

Last date

As per Advt

Reservations SC & Nav Budhas 13% ST 7% Denotified and Nomadic Tribes 4% Other Backward Classes 10% Agriculturists/their children 12% Persons who and whose parents have not resided in the State at least for three years during the period of ten years 5% (of unreserved seats) Children of Freedom fighters 2% Displaced Persons/their Children (as per Govt rules) 5%. Seats are also reserved for Physically Hardicapped, Other States and ICAR nominees.

Eligibility Academic qualification XII standard exam passed as per 10+2 pattern of Maharashtra State Board of Higher Secondary Education or equivalent exam with Phy, Chem, Biol & Maths. Candidates passing the qualifying exam without Maths are required to complete certain additional credits in Maths. **Domicile** Admission is restricted to domicile candidates except in case of ICAR nominees.

Application Procedure

Selection

Scholarships

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Common details given in this chapter under College of Agricultural Technolgy, Parbhani

The course commences in August.

Fees Tuition fee Rs 130 per semester.

Hostel facilities are available. Room rent Rs 30 per semester.

Heads of Departments *Horticulture* Dr P A Deshmukh *Post Harvest Tech* Dr D M Khedkar *Librarian* Dr Subhaya.

COLLEGE OF AGRICULTURAL TECHNOLOGY

Parbhani 431402

ESTABLISHMENT 1976

PHONE 301/50

MANAGEMENT University

GRAM University

ASSOCIATE DEAN &

PRINCIPAL Dr U M Ingle

Courses* B Tech (Food Sciences) Duration 4 years Seats 32

M Tech

PhD

Request for application

June/First week of July

Last date

Reservations SC & Nav Budhas 13% ST 7% Denotified and Nomadic Tribes 4% Other Backward Classes 10%. Agriculturists/their Children 12% Persons who and whose parents have not resided in the State at least for three years during the period of ten years 5% (of unreserved seats) Children of Freedom fighters 2% Displaced Persons/their Children (as per Govt rules) 5%. Seats are also reserved for Physically Handicapped, Other States and ICAR nominees.

Eligibility Academic qualification XII standard exam with Phy, Chem, Biol & Maths or an equivalent exam. **Domicile** Admission is restricted to domicile candidates except in case of ICAR nominees.

Application form and prospectus can be obtained on payment of Rs 3 through crossed IPO in favour of Comptroller, Marathwada Agricultural University, Parbhani. Payment by MO/Cheque/cash is not accepted. Completed application along with registration fee of Rs 5 should reach the Registrar of the univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam. Weightage is given to higher degree holders and those who have passed the qualifying exam with professional subject, if any, agriculturists, sportsmen/participants of other cocurricular activities, NCC cadets/Air Wing Certificate/Naval Certificate holders.

The course commences in August.

Fees Tuition fee Rs 120 pa.

*Details relate to BTech (Food Sciences) course.

Scholarships ICAR/Govt of India, Backward Class, National Loan/Merit, Public School scholarships, Freedom Fighters/Merit-cum-Means scholarships and fee concession to sons of Primary School Teachers are available. Fee concession to Educationally Backward Classes is also available.

Hostels Accommodation is available for 120 boys. Residence is compulsory. Boarding Rs 180 pm.

Postgraduate Courses MTech in Food Sciences Duration 2 years.

Research Studies PhD facilities are available for inservice candidates.

Statistics (1985-86) Number of applications received 320.

Heads of Departments *Animal Products Tech* Prof S D Rathi *Bio Chem & App Nutrition* Dr D B Wankhede *Food* Prof P S Kadam *Food Engg* Prof B B Gunjal *Food Sc* Prof D N Kulkarni *Hostel Wardens* Prof V N Pawar, Prof P N Satwadhar *Librarian* Shri Subhai.

COLLEGE OF AGRICULTURE Parbhani, Maharashtra

ESTABLISHMENT 1956

PHONE 301/10

MANAGEMENT University

GRAM Prinagri
Parbhani

ASSOCIATE DEAN &
PRINCIPAL Dr C P Ghonsikar

Courses* BSc (Ag)	Duration 4 years	Seats 210
MSc (Ag)		
PhD		

Request for application June/July

Last date As per Advt

Reservations SC & Nav Budhas 13% ST 7% Denotified and Nomadic Tribes 4% Other Backward Classes 10% Agriculturists/their children 12% Persons who and whose parents have not resided in the State at least for three years during the period of ten years 5% (of unreserved seats) Children of freedom fighters 2% Displaced Persons/their Children (as per Govt rules) 5% Children of Ex-servicemen 5%. Seats are also reserved for Physically Handicapped, Other States and ICAR nominees.

*Details relate to BSc (Agril) course

148 MARATHWADA KRISHI

Eligibility Academic qualification XII standard exam of Maharashtra State Board of Higher Secondary Education or equivalent with Phy, Chem & Biol. Candidates passing the qualifying exam without Maths are required to complete certain additional credits in Maths. **Domicile** Admission is restricted to domicile candidates except in case of ICAR nominees.

Application Procedure

Selection

Scholarships

} Common details given in this chapter under College of Agricultural Technology, Parbhani.

The course commences in August.

Fees Tuition fee Rs 130 per semester.

Hostels Facilities are available. Room Rent Rs 30 per semester.

Postgraduate courses MSc (Agri) in Agril Bot, Agril Chem & Soil Sc, Agril Econ, Agril Entomology, Agril Extn. Agronomy. Animal Husbandry & Dairying, Horticulture, Plant Pathol **Duration** 2 years.

Research Studies PhD facilities are available in all the branches of MSc (Agri).

Heads of Departments *Agril Engg* Dr S L Rapte *Agril Econ* Dr K D Rajmane *Agronomy* Dr S V Raikhelkar *Animal Husbandry* Dr S G Rotte *Animal Sc* Dr P M Khedkar *Entomology* Dr S N Puri *Extn Edn* Dr G G Nandapurkar *Fisheries* Prof Prof D W Wadnerkar *Genetics & Plant Breeding* Dr Y S Nerkar *Horticulture* Dr P A Deshmukh *Plant Pathol* Dr V R Mali *Plant Physiol* Dr M R Salunke *Soil Sc & Agril Chem* Dr G U Malewar. *Hostel Warden* Dr S S Kore *Librarian* Shri Subbaiah.

COLLEGE OF VETERINARY & ANIMAL SCIENCES
 (Faculty of Veterinary and Animal Sciences)
 Parbhani 431402

ESTABLISHMENT 1972

PHONE 301/24

MANAGEMENT Govt Aided

GRAM University
Parbhani

PRINCIPAL/DEAN Dr M A Ghafoor

Courses* BVSc & AH

Duration 4½ years
(including six months
internship)

Seats 63

MVSc
PhD

Request for application June/July

Last date As per Advt

Reservations SC & Nav Budhas 13% ST 7% Denotified and Nomadic Tribes 4% Other Backward Classes 10% Agriculturists/their children 12% Persons who and whose parents have not resided in the State at least for three years during the period of ten years 5% (of unreserved seats) Children of Freedom fighters 2% Displaced Persons/their Children (as per Govt rules) 5% Children of Ex-servicemen 5% Seats are also reserved for Physically Handicapped, Other States for ICAR nominees 12 seats (Additional)

Eligibility Academic qualification XII standard exam of Maharashtra State Board of Secondary Education with Phy, Chem & Biol or equivalent **Domicile** Admission is restricted to domiciled candidates except in case of ICAR nominees.

Application Procedure

Selection

Scholarships

} Common details given in this chapter under
College of Agricultural Technology, Parbhani.

The course commences in August.

Fees Tuition fee Rs 160 per semester.

Hostels There are 200 seats for boys and 15 seats for girls in the hostel. Residence is optional Lodging Rs 30 per semester and Boarding Rs 200 pm.

Postgraduate courses MVSc in Bacteriol, Parasitol, Pathol, Pharmacol, Med, Surgery, Dairy Sc, Animal Breeding & Genetics, Animal Nutrition, Anatomy, Gynae & Obst, Physiol & Biochem, Animal Mgt **Duration** 2 years (4 semesters).

*Details relate to BVSc & AH course

Research Studies PhD facilities are available for in-service candidates only.

Special Features The faculty has taken up various research work. The work on non-conventional feed has been taken up by the Department of Animal Nutrition. Work on different types of chemical and plant poisons has made significant progress. Microbiology Department has become a reference laboratory for identification of Blue tongue disease. The Department of Surgery has been successful in doing corneal grafting to help blind animals to recover.

Extension Activities A Veterinary Polyclinic is functioning to provide expert veterinary services to the farmers and students to give training for treatment of animals. Number of work campaigns for castrations, laboratory tests (for diagnostic purposes), preventive vaccination for animals are organized. Film shows, cattle shows at all India level, training programmes and rallies are conducted for farmers, experts and students. Extension articles are published in the newspapers and Radio talks given at AIR. Queries of the farmers are attended through communication by the Faculty.

Heads of Departments *Anatomy, Biochem and Animal Nutrition, Physiology* Dr M K Sawant *Animal Genetics and Breeding, Animal Management, Dairy and Extension* Dr P G Sakhre *Gynaecology, Reproduction, Obstetrics & Surgery* Dr D R Pargaonkar *Microbiology, Pathology and Parasitology* Dr M N Kulkarni *Pharmacology and Medicine* Dr K R Wagh *Hostel Warden* Dr P G Sakhre *Univ Librarian* Dr Reveru Subbiah.

MEERUT UNIVERSITY

AMAR SINGH COLLEGE

Lakhaoti, Bulandshahr 245407

ESTABLISHMENT 1941

PHONE 33

PRINCIPAL Dr Moti Lal Verma

Courses* BSc (Agri)

Duration 3 years

Seats 160

MSc (Ag)

Request for application

As decided by the univ

Last date

Reservations SC 18% ST 2% Handicapped 3% Other States 10%.

Eligibility Inter (Sc)/Inter (Agri) of the Board of High School & Intermediate Edn, U P or an equivalent exam.

Application form and prospectus can be obtained from the Convenor, Meerut University Agriculture Colleges' Admission Committee c/o K V Degree College, Machhra, Meerut or as notified from time to time or from the College on cash payment of Rs 10 or by sending MO/Crossed bank draft of Rs 15.

Selection Admission is made centrally by the University Selection Committee on the basis of merit in the qualifying exam. Weightage is given to those having higher academic attainments in agriculture. Those who have passed Inter (Agri) from Meerut University are given preference. Concession is also available to sportsmen/women at national level, NSS/NCC.

The course commences in August.

Fees Tuition fee Rs 11 pm. Rs 172 is payable at the time of admission.

Scholarships Scheduled castes, Backward class and Military scholarships are available.

Hostels Seats for 160 boys. Residence is optional, Lodging Rs 84-120 for six months (electricity & water charges extra),

*Details relate to BSc (Agri) course

152 MEERUT

Postgraduate courses MSc (Ag) in Agril Chem, Agri Extn, Agronomy, Horticulture.
Duration 2 years.

Heads of Departments *Agril Engg* Shri R P Gupta *Agril Marketing & Coop* Shri V P Singh *Animal Sc* Dr L N Gupta *Animal Husbandry* Shri R S Dhama *Dairying/Dairy Sc* Dr L N Gupta *Entomology* Shri B P Singh *Extn Edn* Shri M S Tyagi *Genetics & Plant Breeding* Shri P C Gupta *Horticulture* Shri H S Sirohi *Soil Sc* Dr Mahavir Singh *Hostel Warden* Dr T P Singh *Librarian* Shri Atma Ram Sharma.

CH CHHOTU RAM (PG) COLLEGE
Muzaffarnagar 251001 U P

ESTABLISHMENT 1959

PHONE 3564

PRINCIPAL Dr S P Singh

Course BSc (Agri)

Duration 3 years

Seats 240

Request for application

As decided by the univ

Last date

Reservations

Eligibility

Application Procedure

Selection



Common details given in this chapter under
Amar Singh College, Lakhaoti

The course commences in August.

GOCHAR MAHAVIDYALAYA

**Rampur Maniharan
Distt Saharanpur U P**

ESTABLISHMENT 1959

PHONE 29

PRINCIPAL Shri Jaswant Singh

Course BSc (Agri)

Duration 3 years

Seats 160

Request for application

As notified by the univ

Last date

Reservations

Eligibility

Application Procedure

Selection

} Common details given in this chapter under
Amar Singh College, Lakhaoti.

The course commences in August.

*Heads of Departments Agri Shri Gordhan Singh Agril Engg Shri Chintamani Agril
Marketing & Coop Shri Sita Ram Panwar Animal Sc Shri T H Chisti Animal
Husbandry Poultry Sc Dairying/Dairy Sc Shri A D Satsangi Entomology Shri P C Jain
Extn Edn Shri Tej Singh Panwar Fisheries Shri T H Chisti Forestry Shri K N Nautiyal
Genetics & Plant Breeding Dr Baru Singh Horticulture Dr O D Sharma Microbiol Shri
Gulab Singh Soil Sc Shri Chaman Singh Sericulture Shri P C Jain Librarian Shri
Khila Ram.*

INSTITUTE OF ADVANCED STUDIES

FACULTY OF AGRICULTURE

(Departments of Agricultural Botany/Horticulture)

Meerut 250005

ESTABLISHMENT 1969

PHONE 75021-24

MANAGEMENT University Faculty

DEAN Dr P K Gupta

Courses MSc (Ag)

Duration 2 years

Seats 15

MPhil (Ag, Hort)

1 year

15

PhD

154 MEERUT

Reservations SC 18% ST 2% Physically handicapped 1%.

Eligibility *For MSc (Ag)* A second class Bachelor's degree in Agriculture with 55% marks and High School/Intermediate exam with second class. *For MPhil* First Class Master's degree in the subject with first class in High School/Intermediate/Degree exam.

Application form and prospectus can be obtained from the Dean of Student's Welfare, Meerut University, Meerut-250005 on cash payment of Rs 6 or through Demand Draft of Rs 10 in favour of Finance Officer of the Univ, if desired by post.

Heads of Departments *Agri/Agri Bot* Dr P K Gupta *Horticulture* Dr Chetan Singh *Hostel Warden* Shri J P Srivastava *Librarian* Shri M S Raina.

Special Features The Institute has independent syllabi and its own examination pattern based on semester system with emphasis on continuous evaluation. Courses offered are most modern and there is considerable autonomy. Research work at an advanced level is carried out.

JANTA VEDIC COLLEGE

Baraut 250611

ESTABLISHMENT 1917

PHONE 130

PRINCIPAL Dr Kedar Singh

GRAM Janta Vedic

Courses* BSc (Agri)

Duration 3 years

Seats 120

MSc (Agri)

PhD

Request for application

June/July

Last date

Reservations

Eligibility

Application Procedure

Selection



Common details given in this chapter under Amar Singh College, Lakhaoti.

Fees Tuition fee Rs 132 pa.

Scholarships ICAR Merit-cum-Means scholarships besides other stipends, scholarships, freeships, are available.

*Details relate to BSc (Agri) course

Hostels Residence is optional. Lodging Rs 20 & Boarding Rs 160 pm.

Postgraduate Courses MSc (Ag) in Agril Bot, Agril Econ, Agril Extn, Agronomy, Animal Husbandry & Dairying. **Duration** 2 years.

Research Studies PhD facilities exist.

Statistics (1985) Applications received 879.

Heads of Departments *Agril Engg* Prof Randhava *Agril Econ* Dr R P Singh *Animal Husbandry & Dairying* Dr P S Malik *Entomology* Dr O P Singh *Extn Edn* Prof Harsaran Das *Agril Bot* Dr B S Chaudhry *Horticulture* Dr S P S Tomar *Plant Pathol* Prof B P Singh *Soil Sc* Dr K P Singh *Hostel Warden* Dr N P S Bisht *Librarian* Shri Har Pal Singh.

K V DEGREE COLLEGE
Machhra (Meerut) U P

ESTABLISHMENT 1961

MANAGEMENT Trust

PRINCIPAL Dr B K Tyagi

Course BSc (Ag) Hons **Duration** 3 years **Seats** 160

Request for application June

Last date July

Reservations

Eligibility

Application Procedure

Selection

} Common details given in this chapter under
Amar Singh College, Lakhaoti.

The course commences in August.

Fees Tuition fee Rs 11 pm.

Scholarships Besides fee concessions, State/Central Govt and University scholarships are available.

Hostels There are 180 seats for boys. Residence is optional. Lodging Rs 20 and Boarding Rs 150 pm.

Statistics The admissions are made centrally on University basis. The total number of applications received for the eight colleges during this year—4500.

Extension Activities The College carries out extension activities through its NSS Units and subject groups of Agriculture Faculty. The activities are centred around the Socio-Economic programme of the State/Central Govt. The College has so far participated completion of link roads to three villages, development of a social forestry conducting socio-economic surveys of rural population, improvement of general sanitation and cleanliness in rural sites, popularising prohibition and anti-dowry conciousness. The Faculty members and students of the agricultural classes advise farmers in respect of the various crops at different stages as part of their curriculum.

Heads of Departments *Agri Engg* Shri Surya Kant *Agronomy* Dr P N Tripathi *Animal Husbandry and Dairying* Shri D S Chauhan *Entomology* Shri S J Sachan *Extn Edn* Shri B D Tyagi *Genetics & Plant Breeding* Dr S K Tyagi *Horticulture* Dr D P Trivedi *Hostel Warden* Dr S K Tyagi *Librarian* Shri Sukhbir Singh Tyagi.

KISAN DEGREE COLLEGE Simbhaoli (Ghaziabad) U P

ESTABLISHMENT 1956

PHONE 34

MANAGEMENT Trust

PRINCIPAL Dr R P S Dhaka

Courses* BSc (Agri)
BSc (Agri) Hons
MSc (Agri)

Duration 3 years

Seats 160

Request for application

As decided by the univ

Last date

Reservations

Eligibility

Application Procedure

Selection

}

Common details given in this chapter under
Amar Singh College, Lakhaoti

The course commences in August

Fees Tuition fee Rs 11 pm.

*Details relate to BSc (Agri) course.

Scholarships Merit/National Scholarships, fee concession, book-grants, bursaries etc are available.

Hostel facilities are available.

Postgraduate Course MSc (Agri) (*Proposed*).

Research Studies The college has research laboratories in Botany and Horticulture which are approved by Meerut University for conducting research leading to PhD degree.

Extension Activities The college has a 58 acre farm where agronomical trials on crops are conducted. Soil testing facilities are available to enable the farmers to use suitable fertilizer for growing various crops according to fertility status of the field.

Heads of Departments *Agri Econ|Marketing & Coop* Shri K P Singh *Agri Engg* Shri R P Singh *Agri* Shri C B Singh *Animal Husbandry|Dairying|Poultry Sc* Shri Jai Singh *Entomology* Dr G S Sharma *Genetics & Plant Breeding|Agri Bot* Shri J P Singh *Horticulture* Dr P V Singh (*On leave*) *Microbiol|Plant Pathol* Dr V K Tyagi *Soil Sc|Agri Chem* Dr Lal Singh *Hostel Warden* Dr Lal Singh *Librarian* Shri Y K Singh.

R M P (PG) COLLEGE
Narsan 249406 Saharanpur

ESTABLISHMENT 1958

MANAGEMENT Trust

PRINCIPAL Dr J P Agarwal

Courses* BSc (Ag)	Duration 3 years	Seats 80
MSc (Ag)		

Request for application June

Last date July

Reservations

Eligibility

Application Procedure

Selection

} Common details given in this chapter under
Amar Singh College, Lakhaoti

The course commences in August.

Fees Tuition fee Rs 11 pm.

*Details relate to BSc (Ag) course

158 MEERUT

Scholarships Bursaries & Edn Dept scholarships are available. In addition the College grants financial assistance from students Aid fund and fee concession to poor & meritorious students and SC & Backward Class candidates.

Hostels 30 boys can be accommodated in a hostel. Residence is optional. Boarding Rs 200 and Lodging Rs 15 pm.

Postgraduate Courses MSc (Ag) in Agril Bot and Agronomy. Duration 2 years.

Heads of Departments Agril Engg Shri B B Singh Agril Marketing & Coop Shri K P Attri Animal Sc & Husbandry Shri Charan Singh Entomology Shri S P Bhatnagar Genetics & Plant Breeding Dr R K Sharma Soil Sc Shri S V Singh Librarian Shri Om Prakash.

RASHTRIYA KISAN COLLEGE

Shamli 247776

Distt Muzaffarnagar, U P

ESTABLISHMENT 1958

PHONE 143

MANAGEMENT Govt

PRINCIPAL Dr Randhir Singh

Course BSc (Ag)

Duration 3 years

Seats 160

Request for application

As decided by the univ

Last date

Reservations

Eligibility

Application Procedure

Selection

} Common details given in this chapter under
Amar Singh College, Lakhaoti.

Fees Tuition fee Rs 11 pm.

Hostels No hostel facilities are available.

Heads of Departments Agril Engg Shri K R Verma Agril Marketing & Coop, Dairy Sc | Poultry Sc Shri C S Panwar Animal Sc & Husbandry Shri H S Verma Agronomy Shri V S Verma Entomology Shri D M Singh Extn Edn Shri J P Gautam Genetics & Plant Breeding Shri V S Panwar Horticulture Shri R P Singh Soil Sc Shri Fateh Singh Librarian Shri V S Verma,

MOHANLAL SUKHADIA UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

In the field of agriculture science and technology in Rajasthan, there is a wide gap between knowledge and its application. The activities assist farm families to narrow the gap. The extension activities include in-service training, farmers counselling, Krishi gyan Kendra, vigyan kendra, training centres, operational research projects, demonstrations and area research projects located in different districts. A decade of research efforts in dry land agriculture have yielded valuable results for which efforts are made to transfer the technology to farmers fields through extension centres. New varieties have been introduced through 5500 demonstrations conducted during the year. Special efforts are made in introduction of non-traditional crops—safflower and summer groundnut. Autumn plantation on sugarcane is popularised through advanced technology. Small fruit orchard and vegetable cultivation are carried out on large scale on farmers fields. Effective, cheap and simple techniques of reclamation of saline-sodic soils are applied to fight severe sodicity problem. The extension efforts have produced positive results for adoption of silk worm rearing technology. Popularisation of labour saving and efficient bullock drawn agricultural implements has been the major thrust under transfer of technology programme. Efforts have also been made to introduce smokeless stoves, introduce solar dryers and biogas plants. Appropriate home technology is being developed for propagation among women.

Director Extension Education Dr S L Mathur

COLLEGE OF DAIRY SCIENCE

Udaipur 313001 Rajasthan

ESTABLISHMENT 1982

PHONE 23719

MANAGEMENT University

GRAM Colofdairy

DEAN Dr V V Sharma

Courses BSc (Dairy Tech)

Duration 5 years

Seats 20

Request for application

May/June

Last date

June

Reservations SC/ST 20% ICAR nominees 10% Wards of univ employees 5%.

160 M L SUKHADIA

Eligibility Academic qualification Hr Sec exam of the Board of Secondary Edn of Rajasthan or an equivalent securing 60% (55% for SC/ST candidates) aggregate marks in Eng, Phy, Chem & Maths.

Application form and prospectus can be obtained from the College on cash payment of Rs 15 or through IPO of Rs 20 in favour of Dean, College of Dairy Science, Udaipur, if desired by post. Completed application along with fee of Rs 3 by IPO should reach the College by the notified date. MO is not accepted.

Selection Admission is made on merit obtained in the qualifying exam.

The course commences in July.

Fees Rs 418 for the first year and univ exam fee Rs 150.

Hostels facilities are shared with the College of Tech & Agricultural Engg and Rajasthan College of Agriculture, Udaipur. Residence is optional.

Fee Concessions Wards of State Govt/univ employees, SC/ST and women candidates are exempted from payment of tuition fee.

Statistics (1985) No. of applications received 136. Admissions made 19.

Special Features The college possesses a well equipped dairy plant and the students are trained in processing of milk and manufacturing of milk products. Each student is required to under go three months inplant, training and submit a satisfactory report.

Heads of Departments *Dairy Chem* Dr R K Yadav *Dairy Engg* Shri P K Muralia
Dairy Tech Shri J M Bathla.

**COLLEGE OF TECHNOLOGY
& AGRICULTURAL ENGINEERING**

Udaipur 313001

ESTABLISHMENT 1964

PHONE 23837

MANAGEMENT University

GRAM Colagrengg

DEAN Prof J F Correia

Courses* BE (Ag) Duration 4 years Seats 39

ME (Ag)

PhD

Diplomas

Request for application

As per notification

Last date

Reservations SC, ST, Wards of Defence personnel (including ex-servicemen of paramilitary force) serving and killed/disabled, Physically handicapped, univ employees and their children, women, ICAR nominees.

Eligibility Age 17 years as on 31 December. Academic qualification First year of TDC (Sc) exam of Rajasthan University or Hr Sec exam (12 years) with Phy, Chem, Maths and Eng as compulsory subjects. Engineering Diploma holders with requisite percentage of marks are considered for admission to second year of BE (Ag) course. Nominated candidates must secure 60% marks in their qualifying exam. Domicile Candidate must have studied for the last three years continuously as a regular student in a recognised educational institution in Rajasthan or his natural father/mother has continuously resided in Rajasthan for a period of 10 years and the candidate has studied at least for five years in a recognised educational institution in Rajasthan or children of a serving or retired employee of : Government of Rajasthan including Officers of All India Services borne on the State cadre Undertakings/Corporations/other Bodies duly constituted by the State Govt ; Statutory Bodies and corporations formed under the Indian Companies Act incorporated in Rajasthan; employee of any State Universities or Secondary Board of Education (Rajasthan) who has put in atleast 3 years service on the last date in any of the above bodies ; Indian Defence or Central Govt Services employees of Rajasthan origin irrespective of his place of posting. Central Govt employee or institutions of the Central Govt including public sector undertakings or corporations situated in Rajasthan and who is permanent or has put in three years continuous service provided that he is serving in Rajasthan for atleast last 12 months on the date of application,

*Details relate to BE (Ag) course

Application form and booklet for PET can be obtained from the Engineering Colleges in Rajasthan on cash payment of Rs 15 or by registered post from Engineering College Cooperative Store, MBM Engineering College, Jodhpur (or any other notified authority) by sending an IPO/Bank draft of Rs 20 in favour of Cooperative Store. Completed application along with registration fee of Rs 50 should reach the Registrar (PET), University of Jodhpur, Jodhpur or an authority notified from time to time by the prescribed date.

Selection Admission to all the engineering courses in Rajasthan colleges (except BITS, Pilani) has been centralised and the selection is made on merit determined through a Pre-Engineering Test held by the University of Jodhpur (or an agency notified from time to time) who coordinates the common admissions. The test consists of Phy, Chem, Maths & Eng. Candidates must obtain 33% marks to qualify the test.

The course commences in July.

Fees Tuition fee Rs 300 pa. Other charges Rs 348.

Scholarships National scholarships, Need-cum-merit scholarships, Merit scholarships, Govt Post-Matric scholarships to SC/ST/Backward Classes, National Loan scholarships, freships are available.

Hostels There are 5 hostels with 380 seats. Residence is optional. Room rent Rs 10 to 30 pm (electricity & water charges extra).

Postgraduate Courses ME (Ag) in Farm Machinery & Power Engg, Soil & Water Conservation Engg and Processing Engg. Duration 2 years.

Diplomas Three-year Diploma in Mechanical & Electrical Engg; 3½ years Diploma in Mining Engg; and 4½ years part-time Diploma in Electrical (Engg for inservice candidates). Admission to Diploma courses is regulated by Director, Board of Technical Education of Rajasthan, Jodhpur.

Research Schemes The college has following schemes for research, training and development: Renewable Sources of Energy including solar, wind, biogas and improved chulha; Post Harvest Technology, Prototype feasibility testing centre, Animal Energy scheme; Soil & Water Conservation Training and Demonstration Centre; Irrigation Water Management, Regional Computer Training Centre sponsored by various Government agencies.

Special Features Students are required to undergo practical training for 60 days at the tractor plants, manufacturers of irrigation and plant protection equipments, tractor training centres, agro-industries, soil and water conservations schemes, command areas, dairy and food plants. The college has 40 acres of farm to impart practical training to the students and a farm pond of 0.75 hectare-meter for water harvesting and irrigation.

Extension Programmes One of the important objectives of the college is to develop extension and research programmes in Agril Engg based on the needs of Rajasthan and for benefit of farmers, industrialists, extension workers and field officers. May offer Service oriented courses for undergraduate/postgraduate students of the College.

Heads of Departments *Chem* Dr R C Ameta *Civil Engg* Shri Y V Huprikar *Elect Engg* Shri G L Bhatia *Eng* Shri A L Khan *Farm Machinery* Shri Pratap Singh *Maths* Dr R K Raina *Mech* Shri F S Bhatmewara *Mining Engg* Shri S S Rathore *Phy* Shri K N Singhal *Processing and Food Engg* Dr Y C Agrawal *Soil and Water Conservation* Shri K S Hiran *Hostel Warden* Shri S P Anand *Librarian* Shri Umesh Agrawal.

Statistics (1985-86) Admissions made BE (Ag) 69.

**COLLEGE OF VETERINARY
& ANIMAL SCIENCE**
Bikaner 334001

ESTABLISHMENT 1954

PHONE 3178

MANAGEMENT University

GRAM Rajvetcol

DEAN Dr P N Mehrotra

Courses* BVSc & AH

Duration 4½ years

Seats 100

MVSc

PhD

Request for application

April/May

Last date

Reservations SC 12% ST 8% Defence personnel 5% ICAR nominees 10% univ employees/their children 5%.

Eligibility Academic qualification First year of 3-years degree course in Sc (medical) group) or an equivalent.

Application form and prospectus for pre-veterinary test can be obtained from the college on cash payment of Rs 25 or through a crossed IPO of Rs 30 in favour of Dean of the College, if required by post. Completed application should reach the college by the notified date.

*Details relate to BVSc & AH course

164 M L'SUKHADIA

Selection Admission is made on the basis of PVT exam conducted jointly with PMT exam.

Fees Tuition fee Rs 200 pa.

Scholarships State Govt Need-cum-Merit scholarships, Low Income Group scholarships, Govt of India Merit scholarships & stipends to SC/ST candidates, ICAR Merit-cum-Means scholarships to 7½% of students, National scholarships, National Loan scholarships, Post-Matric scholarships to SC/ST/Backward Class students and Freeships/Half freeships are available.

Hostels Facilities are available for 200 boys. Residence is optional.

Postgraduate Courses MVSc in Vet Microbiol, Animal Breeding & Genetics, Med, Obst & Gynae, Parasitol, Surgery, Animal Nutrition, Sheep Production, Dairy Production, Poultry Production, Anatomy, Physiol, Vet Pathol. Thesis is compulsory. **Duration** 2 years (4 semesters).

Research Studies PhD facilities exist in Animal Nutrition, Animal Breeding & Genetics and Microbiol.

Special Features The main object of the college was to establish Disease Investigation Laboratory; Sero-Diagnostic Lab & Vaccine Production Centre and Educational-cum-Research oriented cattle and poultry farms. The Institute carries out research work on Anatomy of Camels.

Extension Activities cover various programmes. Lab to Land, regular discussion between the experts and farmers, organisation of frequent camps are some of the main features. Ambulatory clinics started in 1965 provide treatment to farmers at their door steps. About 1700 acres of agriculture land has been acquired by the College for production of green fodder for livestock and development of dry land farming to fulfil the need of sheep and cattle grazing. Krishi Vigyan Kendra of the college strengthens animal husbandry activities. It arranges surgical and fertility camps, demonstrations and vichar goshti in addition to frequent training programmes for the youth/farmers. All these programmes have helped to improve the economy of farmers and rural people.

Heads of Departments *Anatomy* Dr M L Mathur *Animal Nutrition* Dr C S Mathur *Animal Breeding and Genetics* Dr P C Thapan *Livestock Production & Mgt* Dr Balbir Singh *Microbiol* Dr P N Mehrotra *Obst and Gynae* Dr I S Kohli *Parasitol* Dr P R Jatkar *Physiol and Biochem* Dr J S Bhatia *Chief Hostel Warden* Dr G R Purohit *Asstt Librarian* Shri A N Saxena.

RAJASTHAN COLLEGE OF AGRICULTURE
Udaipur 313001

ESTABLISHMENT 1955

PHONE 24335

MANAGEMENT University

GRAM Rajcolagri

DEAN Dr M S Manohar

Courses*	BSc (Agri)	Duration	4 years	Seats	80
	MSc				
	PhD				
		<i>Request for application</i>	May		
		<i>Last date</i>	June		

Reservations SC 12% ST 8% Children of Defence Personnel/Ex-servicemen 5% Physically handicapped 2% ICAR nominees 10% Univ employees or their children 5% Meritorious village level workers 2 seats.

Eligibility Academic qualification Higher Secondary exam from Rajasthan with Sc, Agri with 60% marks (55% for SC/ST candidates ; further relaxation by 5% if seats remain vacant). Candidates with High School qualification (Agri group) with 60% aggregate marks and one year agriculture training at Extension Training Centre etc 3 years experience in State Departments of Agriculture are also eligible to apply.

Application form and prospectus can be obtained from the College on Cash payment of Rs 15 or through crossed IPO of Rs 20 drawn in favour of the Dean of the College if required by registered post. Remittance by MO is not accepted. Completed applications should reach the College with application fee of Rs 3 through IPO by the notified date.

Selection is made on the basis of merit at the qualifying exam.

The course commences in July.

Fees Tuition fee Rs 200 pa.

Scholarships State Govt Merit scholarships, National scholarships, Loan scholarships, need-cum-merit scholarships, Low Income Group scholarships, scholarships to Children of Political sufferers/Deceased Govt Employees, National scholarships to the Children of teachers and Defence Personal killed during war, Univ Merit scholarships, Freeships and Half freeships are available.

Hostels Seats for 355 boys. Residence is compulsory. Boarding and lodging charges Rs 221 pm and Rs 150 approx per semester.

*Details relate to BSc (Agri) course

166 M L SUKHADIA

Postgraduate Courses MSc (Ag) in Agril Econ, Agronomy, Biochem, Dairy Husbandry, Dairy Sc, Entomology, Extn Edn, Horticulture, Nematology and Limnology & Fisheries, Plant Breeding & Genetics, Plant Pathol, Soil Sc. Duration 2 years (4 semesters).

Research Studies Facilities for PhD exist.

Statistics (1985-86) Number of applications received 446.

Special Features All students become members of the Young Farmer's Association to encourage activities of farming and rural life. The students are required to participate in one of the three streams NCC, NSS and NSO. The College has a farm area of 50 hectares fully equipped with latest operational machinery for crop production, practical training and research programmes. The College library is the premier library in the field of agriculture and allied applied sciences.

Extension Activities Students are required to work in allotted villages on improved farming and home practices. 100 farm families have been selected under 'Lab to Land Programme'. Demonstrations are held in the farmers fields for improved practices seed, plant protection measures, Methodology and balance fertilisation to increase production of different crops. 25 Adult Education Centres are run by the College to literate the farmers.

Heads of Departments *Agril Chem* Dr S N Saxena *Agril Econ* Dr S S Acharya *Agronomy* Dr G L Jain *Animal Production* Dr A L Taparia *Biochem* Dr M M Simlot *Extn Edn* Dr O S Rathore *Horticulture* Dr K C Pundrik *Limnology & Fisheries* Dr V K Rajbanshi *Nematology* Dr B S Yadav *Plant Breeding and Genetics* Dr H N Mehrotra *Plant Physiol* Dr M S Manohar *Plant Pathol* Dr V N Pathak *Stat* Dr V J Shrikhande *Zool and Entomology* Dr R P Srivastava *Hostel Warden* Dr B C Lodha *Asstt Librarian* Shri D S Shrimali.

S K N COLLEGE OF AGRICULTURE**Jobner 303329 Rajasthan**

ESTABLISHMENT 1947

PHONE 41

MANAGEMENT University

GRAM Agricol

DEAN Dr R C Mehta

Courses*	BSc (Agri)	Duration 4 years	Seats 80
	MSc		
	PhD		

Request for application May*Last date* June

Reservations SC 12% ST 8% Children of Defence personnel 5% Physically handicapped 2% ICAR nominees 10% Village level workers 2 *seats* Univ employees or their children 5% Trust nominees 1 *seat*.

Eligibility Academic qualification Higher Secondary exam with Sc/Agri of the Board of Secondary Education, Rajasthan or an equivalent securing 60% aggregate marks (relaxable by 5% for SC/ST candidates; further relaxation by 5% if seats remain vacant). Candidates with High School qualification (Agri group) with 60% aggregate marks and one-year Agri training with 3 years experience in the State Department of Agriculture are also eligible.

Application form and prospectus can be obtained from the College on cash payment of Rs 15 or through crossed IPO of Rs 20 in favour of the Dean of the College, if required by post. Completed application with application fee of Rs 3 through IPO should reach the College by the notified date. MO is not accepted.

Selection Admission is made on the basis of marks obtained at the qualifying exam. The course commences in July.

Fees Tuition fee Rs 200 pa.

Scholarships State Govt Merit scholarships, National scholarships, Need-cum-Merit scholarships, scholarships to children of political sufferers/deceased Govt employees, National scholarships to the children of teachers and Defence personnel killed during war, Univ merit scholarships in addition to freeships and half freeships are available.

Hostels Seats for 326 candidates. Residence is compulsory. Boarding Rs 200; lodging Rs 35 pm.

*Details relate to BSc (Agri) course

Postgraduate Courses MSc in Agril Econ, Agril Extn, Agronomy, Entomology, Horticulture, Plant Breeding & Genetics, Plant Pathol, Soil Sc. Duration 2 years (4 semesters).

Research Studies Facilities for PhD exist.

Statistics (1984-85) Number of applications received 325. Admissions made 85.

Special Features Traditional system of exam is followed. The college has 215 hectares of farm land divided into Agronomy, Horticulture and Livestock & Poultry farms. Practical training in handling live-stock, poultry, eggs, milk and preparation of milk products, is imparted to students. They are also required to take part in one of the three i.e. NCC, NSS and NSO streams.

Extension Activities cover demonstrations on various crops, organising Kisan Melas, gothis, film shows, educational tours and distribution of exhibition literature etc. The problems of farmers are tackled by the specialists through correspondence and on the fields. Trainings for farmers, farm women and farm youth on ber budding, maintenance of pump sets, control of insects and pests on crops, animal diseases are frequently organised. Under Lab to Land programme, 250 farm families have been adopted for transfer of technology. The findings of the research are carried to the fields for adoption and also for testing the feasibility and the relevance of the new technology. The college also runs adult education centres.

Research Projects besides teaching programme, several research projects sponsored by ICAR and other agencies are in existence. These include All India Coordinated Research Projects (AICRP) on Management of Salt Affected Soils and Use of Saline Water in Agriculture, Soil Physical Conditions, Spices and Cashewnut, White Grub, Rape Seed and Mustard Improvement, Moth Breeding, etc.

Heads of Departments *Agronomy* Dr S S Manohar *Agril Engg* Shri R N Verma *Animal Production* Dr S K Jain *Dairy Sc* Dr V B Singh *Entomology* Dr K N Bhatnagar *Extn Edn* Dr B M Sharma *Genetics & Plant Breeding* Dr J R Mathur *Horticulture* Dr S S Verma *Plant Physiol* Dr Arvind Kumar *Plant Pathol* Dr B M Gupta *Soil Sc* Dr K K Vyas *Stat* Dr R C Gupta *Agril Econ* Dr N L Agarwal *Chief, Hostel Warden* Dr B L Baser *Librarian* Shri B M Sharma.

NARENDRA DEVA UNIVERSITY OF AGRICULTURE & TECHNOLOGY

EXTENSION EDUCATION PROGRAMMES

The Directorate of Extension develops programmes for assisting the farmers and housewives in applying results of scientific investigations in agriculture, crop husbandry, veterinary and animal science, agriculture engineering, home science and other allied sciences to find the solutions. With the growth of new techniques in crop and animal production, the university has been directing its efforts not only towards improving production but also towards other aspects of rural life. The Directorate disseminate latest research findings to extension personnel through appropriate methods and media. A number of front line demonstrations based on latest research finding have been serving feed-back to research. The Directorate plan, organises and conduct production and problem oriented training of various types and duration for farmers and extension personnel. National demonstration scheme functions at Sultanpur and Ballia districts. All India Coordinated project for the rapid improvement of agricultural technology directed at socio-economic upliftment of scheduled castes and other backward communities at Barabanki district, Operational research project for resource utilization under flood conditions of Kesarganj, Bahraich and Krishi Vigyan Kendra at Bahraich and Basti districts. Under Farm Advisory Service, 15,287 front-line demonstrations are conducted on different crops including vegetables, fruits, usar reclamation etc in different districts of eastern Uttar Pradesh. About 75 per cent of these demonstrations are organised under Lab to Land programme. Under integrated and intensive agricultural development programmes, four blocks have been selected. Eleven villages of these four blocks are adopted under the programme and about 2,000 families of these villages have been covered. During the rabi season, a special campaign by the scientists, students including Director of research/Extension and the Vice Chancellor in 60 blocks of 15 districts was conducted. 1672 demonstrations and 187 farmers meeting were held and 18,784 farmers and field staff were educated and made abreast with the latest technologies on cultivation of rabi crops. Through farm and home visits, correspondence and office calls, 13,234 farmers were advised on various aspects of agriculture and rural development. For economical use of fertilizers, 3,156 soil samples were collected and tested. Efforts are made to design need-based courses to impart practical and skill oriented training among the field staff. 66 State level inservice trainings were organised for the participants of other States. In these courses, 3,609 participants, mostly active field staff, were trained on the various aspects of crop production, soil & Water Management. Emphasis was on training of young and progressive farmers including school drop-outs for preparing a taskforce to train other farmers besides encouraging them for employment. 57 courses of different duration were conducted in which 3,345 farmers, farm youth were benefitted. Under Information & Communication Service, 12 farmers' fair including exhibitions and farmers conference in which 726 educative stalls from the university and other government and private organisations dealing with agricultural development were set up with useful

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eyecatching displays which attracted 2,46,802 farmers, field staff and other visitors. During these fairs, 1,394 problems were brought to the notice of the scientists for their solutions in question and answer sessions. Audio-visual support in the form of 24 films, 240 tape recording, 2,950 posters, charts, photographs were given by fabricating them specially to educate the farmers. Radio/TV scripts were prepared and broadcast/telecast at the appropriate time.

Director of Extension Dr R P Singh

FACULTY OF AGRICULTURE
Faizabad 224229 U P

ESTABLISHMENT 1975

PHONE 33 Kumarganj

MANAGEMENT University

GRAM Agriversity

DEAN Dr Kirti Singh

Courses* BSc (Agri)

Duration 3 years
(6 semesters)

Seats 50

MSc
PhD

Request for application

May

Last date

July

Reservations SC 18% ST 2% Backward Class 15% ICAR nominees (including foreigners) 10% Univ employees 2 seats sons/unmarried daughters of univ employees 4 seats Village level Workers 2 seats (additional) Children of Defence Personnel 1 seat (additional). Other States 5%.

Eligibility Academic qualification Inter (Sc/Agri) exam with 50% (45% for SC/ST and univ employees) marks. Candidates must be medically fit.

Application form and prospectus can be obtained from the Registrar of Narendra Deva University of Agriculture & Technology, Narendra Nagar, PO Kumarganj Faizabad 224229 on payment of Rs 5 through crossed IPO/bank draft payable to Comptroller of the University at Faizabad or IPO of Rs 10 if required by registered post. Completed application should reach the Registrar by the notified date.

Selection Admission is made on merit determined on the results of entrance exam.

Fees Tuition fee Rs 90 per semester.

*Details relate to BSc (Agri) course.

Scholarships Merit scholarships of Rs 100 pm to 15% students and full/half fee concessions are available.

Hostels Facilities are available. Room rent Rs 13.50 per seat.

Postgraduate Courses MSc (Agri) in Agril Econ, Agronomy, Animal Sc, Biochem, Crop Physiol, Entomology, Genetics & Plant Breeding, Horticulture, Plant Pathol, Soil Sc, Vegetable Sc. Duration 2 years (4 semesters).

Research Studies PhD facilities in nine disciplines : Agronomy, Agril Econ, Biochem, Crop Physiol, Entomology, Genetics & Plant Breeding, Horticulture, Soil Sc, Vegetable Sc.

Special Features There are five crop research stations of the univ at Masodha, Bahraich, Ghaghraghat, Balachandpur and Tissuhi. The main research station is at Narendra Nagar (Faizabad). Research in a number of disciplines in the fields of Agri, Animal Sc, Agril Engg etc is conducted through [State and ICAR coordinated projects.

Integrated concept of teaching, research and extension education is followed in the univ. In this pattern not only classroom instruction is imparted but the research and extension activities are also coordinated where laboratories and experimental farms provide source material for systematic and practical education.

Heads of Departments *Agril Engg* Dr P M Singh *Animal Sc* Dr K Q Husain *Entomol* Dr S M A Rizvi *Extn Edn* Dr R K Shukla *Genetics & Plant Breeding* Dr D M Maurya *Horticulture* Dr R K Pathak *Soil Sc* Dr Room Singh *Hostel Warden* Dr R K Pathak.

NORTH-EASTERN HILL UNIVERSITY

SCHOOL OF AGRICULTURAL SCIENCES AND RURAL DEVELOPMENT

Medziphema 797106 Nagaland

ESTABLISHMENT 1978

PHONE 55

MANAGEMENT University

GRAM Nehuagri Dimapur

DEAN Dr.S N Tewari

Course BSc (Agri)

Duration 4 years
(8 semesters)

Seats 82

Request for application

January/February

Last date

February

Reservations State Govt Nominees : Nagaland 7 seats Meghalaya 5 seats Mizoram 3 seats Arunachal Pradesh 2 seats University quota 2 seats Open 1 seat.

Eligibility Academic qualification Pre-Univ (Ag)/Sc exam with 50% marks excluding additional papers (relaxable by 5% for SC/ST candidates). However, concession of 5% marks is given to the students who have passed Pre Univ (Ag) from the School with a minimum of 4.5 OGPA equivalent to 45%.

Application form and prospectus can be obtained from the college on payment of Rs 5 in cash or by sending an IPO. Application complete in all respects should reach the Dean of the School by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam.

The course commences in March.

Fees Tuition fee Rs 105 per semester.

Hostels There are 210 seats for boys and 50 for girls. Residence is compulsory.

Postgraduate Courses in Horticulture and Rural Development (proposed).

Other Courses Pre Univ (Ag) is also offered.

Statistics (1985) Number of applications received 112.

Extension Activities A survey of Chungtia Village about the Socio-economic practices of the People, health and sanitation condition, their food habits, aspects of law and customs, employment status etc was undertaken by few teachers of Extension Department.

Heads of Departments *Animal Sc* Shri V B Sharma *Agril Bot* Dr K K Singh *Agril Chem and Soil Sc* Dr B S Chauhan *Agril Economy* Shri P Honorius *Agril Engg* Shri J Singh *Agril Geol and Entomology* Dr S K Banerjee *Agronomy* Dr B Singh *Extn Edn* Dr B Mazumdar *Horticulture* Dr V B Singh *Plant Pathol* Dr D N Upadhaya (Vice-Principal) *Hostel Wardens* Dr A K Kolay, Shri D P Chaturvedi, Miss V Goel *Librarian* Shri S P Mukherjee.

ORISSA UNIVERSITY OF AGRICULTURE & TECHNOLOGY

EXTENSION EDUCATION PROGRAMMES

Extension activities are carried out through adopted blocks to be looked after by field agents and subject specialists for transfer of technologies to farmers and identifying field problems for research and solution. It organises demonstrations, exhibitions, training camps, meetings, publications and distribution of literature and have a TV and Radio coverage for its activities. National demonstrations are conducted in the farmer's fields to help them to adopt improved practices/technologies and to take corrective measures in increasing the yield. Practical training on the techniques of integrated rural developments is also imparted. The Information and Communication scheme produce a bi-monthly magazine, and organise video projection and other literature for TV/Radio coverage. The university operates 'Lab to Land' programme which aims at transfer of low cost technologies to the farmers. Extension activities cover the socio economic upliftment of backward class people based on integrated approach in the field of agriculture, animal husbandry, home science and cottage industry. Campus training is available in Krishi Vigyan Kendras to conduct resource study and impart need based training to the farmers and motivate them adopt improved practices. State-level training programmes on improved practices of foodgrains are organised every year.

Dean, Extension Education Dr R C Das.

COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY

Bhubaneswar 751003

ESTABLISHMENT 1966

PHONE 52960

MANAGEMENT University

DEAN Dr R Lal

Courses* BSc (Agri Engg & Tech)	Duration 4 years (8 semesters)	Seats 40
MSc (Agri Engg & Tech)		

Request for application

April

Last date

Reservations SC 15% ST 7½% Govt of India nominees 10% Green Card holders 5%.

Eligibility Academic qualification Inter (Sc) or equivalent exam with Phy, Chem & Maths. Candidates must have obtained 50% marks (not applicable to SC/ST candidates) in aggregate at High School level exam. Candidates awaiting result of qualifying exam may apply. **Domicile Admission** is restricted to those who have passed High School or equivalent exam with Oriya or whose parents are permanent residents of Orissa except in case of children of employees of the State Govt or Central Govt serving in the State or Public Undertakings or Universities in the State or Oriyas residing permanently outside the State or Govt nominees.

Application form and prospectus can be obtained from the Registrar, Orissa University of Agriculture & Technology, Bhubaneswar 751003 on cash payment of Rs 30 or by sending IPO/MO bank draft in favour of the Comptroller, OUAT, Bhubaneswar, if desired by post. Completed application superscribing thereon "Application for Entrance Examination" should reach the Registrar of the univ by the notified date.

Selection Admission is made on the basis of academic records and entrance test held by the Univ. The test consists of one paper of 100 marks comprising Phy and Chem of 33 marks each and Maths/Biol of 34 marks. The duration of the test is two hours. The test is held at various centres in Orissa.

Weightage is given to NSS/NCC cadets and sportsmen. Govt of India/ICAR nominees/VAWs, Non-graduate Agril Overseers who have passed ISc/+2 Science/ equivalent exam are not required to appear in the test.

*Details relate to BSc (Agri Engg & Tech) course

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Fees Tuition fee Rs 80 per semester.

Scholarships The following Scholarships are available : Univ scholarships and free studentships/fee concession, State Govt national loan/Teachers sons/freedom fighters/Jr/Sr College merit, Post-Matric scholarships for SC/ST candidates, loan stipends and ICAR merit scholarships.

Hostels Residence is compulsory. However, students may be allowed to stay with their parents/guardians. Rent Rs 6-10 pm.

Postgraduate Courses MSc (Agri Engg & Tech) : Farm Machinery & Power, Soil & Water Conservation Engg. Duration 2 years (4 semesters).

Special Features Evaluation of candidate's performance is a continuous process. It is done in class quizzes, mid-term test and final exam. The employment and information guidance bureau of the College acts as channel of communication between the students and employment agencies.

Extension Activities College teachers visit villages to impart technical knowledge to farmers under Lab to Land programme. Exhibitions and demonstrations of latest implements are held for the benefit of farmers.

Heads of Departments *Agril Processing & Food Engg* Shri S N Mohanty *Agril Structures, Civil and Environmental Engg* Dr S D Sharma *Farm Machinery and Power* Shri S N Swain *Mech and Elecl Engg* Shri G K Das *Soil and Water Conservation Engg* Dr S D Sharma.

COLLEGE OF AGRICULTURE

Bhubaneswar 751003 Orissa

ESTABLISHMENT 1954

PHONE 50175

MANAGEMENT University

GRAM Agritech

DEAN Dr A Mishra

Courses* BSc (Ag)

Duration 4 years
(8 semesters)

Seats 192

MSc (Ag)

PhD

Request for application

April

Last date

*Details relate to BSc (Ag) course,

Reservations SC 15% ST 7.5% Govt of India nominees 10% Green Card Holders 3%. 10 additional seats are also reserved for VAWs/Non-graduate Agril overseers of the State Govt (Agril & Cooperation Deptt).

Eligibility Age 17 years as on July 1 **Academic qualification** Inter (Sc) or equivalent exam with Phy, Chem, Maths/Biol. Candidates must have obtained 50% marks (not applicable to SC/ST candidates) at High School level exam.

Homocile

Application Procedure

Selection

Scholarships

} Common details given in this chapter under College of Agricultural Engineering & Tech, Bhubaneswar

Fees Tuition fee Rs 70 per semester.

Hostels About 900 seats are available for boys. Separate hostel for girls. Residence is compulsory. Lodging Rs 10 & Boarding Rs 150 pm.

Postgraduate Courses MSc (Ag) in Agri Chem, Agril Econ, Agril Stat, Agronomy, Entomology, Extn Edn, Horticulture, Mycology & Plant Pathol, Nematology, Plant Breeding & Genetics, Plant Physiol. **Duration** 2 years (4 semesters).

Heads of Departments *Agril Chem, Soil Sc and Biochem* Dr G N Mitra *Agril Econ* Dr H K Dasgupta *Agronomy* Dr D Lenka *Entomology* Dr N Panda *Extn Edn* Dr A Tripathy *Horticulture* Dr G C Das *Mycology & Plant Pathology* Dr A Narain *Nematology* Dr S N Das *Plant Breeding & Genetics* Dr B N Samalo *Plant Physiol* Dr P C Parichha *Seed Technology* Dr M C Patnaik *Statistics* Dr S Mohanty.

COLLEGE OF AGRICULTURE

Chiplima, Sambalpur 768026

ESTABLISHMENT 1981

MANAGEMENT University

ASSOCIATE DEAN Dr S S K Nanda

Course BSc (Ag)

Duration 4 years
(8 semesters)

Seats 48

Request for application

April

Last date

Reservations SC 15% ST 7.5% Govt of India nominees 10% Green Card Holders 5%.

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Eligibility Age 17 years as on July 1. **Academic qualification** Inter (Sc) or equivalent with Phy, Chem, Maths/Biol. Candidates must have obtained 50% aggregate marks (not applicable to SC/ST candidates) at High School level exam.

Domicile

Application Procedure

Selection

Scholarships



Common details given in this chapter under College of Agricultural Engineering & Tech, Bhubaneswar

Fees Tuition fee Rs 70 per semester.

Hostels Accommodation for 210 candidates is available. Residence is compulsory. Lodging Rs 10 per seat, Boarding Rs 160 pm.

Extension Activities Students undertake field practical to specific villages and participate in farm planning and demonstration on improved agricultural technologies. Under NSS/Environmental Society programme students also undertake operational programmes on tree planting/soil erosion control measures, drainage work, to check rat/mosquito menace and spray of weedsides.

Heads of Departments *Agri* Shri S S Nanda *Agril Engg* Dr S K Samantrai *Agril Marketing & Coop* Shri M A A Baig *Entomology* Shri N Shi *Extn Edn* Shri B B Dash *Genetics & Plant Breeding* Dr C R Kole *Horticulture* Shri B K Mohanty *Soil Sc* Dr B K Mishra *Hostel Warden* Dr S K Samantrai *Librarian* Dr C R Kole (*Incharge*).

COLLEGE OF FISHERIES

P O Rangailunda, Berhampur

Dist Ganjam

ESTABLISHMENT 1981

PHONE Gopalpur
PBX 62

MANAGEMENT University

DEAN Dr K C Bose

SPECIAL OFEICER Dr P C Thomas

Course BFSc

Duration 4 years
(8 semesters)

Seats 16

Request for application

April

Last date

Reservations SC 15% ST 7.5%. Govt of India nominees 10% Green Card Holders 5%.

Eligibility Academic qualification Inter (Sc) or equivalent with Phy, Chem, Biol. Candidates must have obtained 50% marks (not applicable to SC/ST candidates) in aggregate in High School exam.

Domicile

Application Procedure

Selection

Scholarships

} Common details given in this chapter under College of Agricultural Engineering & Tech, Bhubaneswar

Fees Tuition fee Rs 70 per semester.

Hostels Residence is compulsory. Lodging & Boarding Rs 150 pm.

Dean *Extn Edn* Dr J M Satapathy.

**COLLEGE OF VETERINARY SCIENCE
& ANIMAL HUSBANDRY**
Bhubaneswar 751003

ESTABLISHMENT 1955

PHONE 50732

MANAGEMENT University

GRAM Vetcol

DEAN Dr B C Nayak

Courses* BVSc & AH

Duration 4½ years
(9 semesters)

Seats 80

MVSc
PhD

Request for application

April

Last date

Reservations SC 15% ST 7.5%. Govt of India/ICAR nominees 10% Green Card Holders 5%.

Eligibility Inter (Sc) or equivalent exam with Phy, Chem & Biol. Candidates must have obtained 50% marks (not applicable to SC/ST candidates) in aggregate at High School level exam. Candidates awaiting qualifying exam results can also apply,

*Details relate to BVSc & AH course,

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Domicile

Application Procedure

Selection

Scholarships



Common details given in this chapter under College of Agricultural Engineering & Tech, Bhubaneswar

Fees Tuition fee Rs 70 and other charges Rs 97 per semester.

Hostels Facilities are available for 80 boys. Residence is compulsory. Lodging Rs 10 and Boarding Rs 200 pm.

Postgraduate Courses MVSc in Animal Breeding & Genetics, Animal Nutrition, Animal Production, Bacteriol & Virology, Gynae, Parasitol, Vety Med, Vety Pathol, Vety Surgery **Duration** 2 years (4 semesters).

Research Studies PhD facilities are available.

Statistics (1985) About 8,000 applications received for combined courses (BVSc, BSc (Ag) & BSc (Ag Engg)).

Heads of Departments *Anatomy* Dr L N Das *Animal Breeding & Genetics* Dr B N Patro *Animal Nutrition* Dr N C Panda *Animal Production* Dr M Mishra *Bacteriology & Virology & Food Hygiene* Dr S N Panda *Gynaecology* Dr B N Mohanty *Medicine* Dr S B Tripathy *Parasitol* Dr S C Mishra *Pathol* Dr A T Rao *Physiol and Pharmacol* Dr T L Murty *Surgery* Dr A K Mitra.

PUNJAB AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The extension education activities are covered through Farm Advisory Service, Extension Training Unit, Communication Centre, Lab-to-Land programme, National Demonstration and Operational Research Projects. The Farm Advisory Service through their district extension specialists support the field staff in carrying out the latest technology to the fields and identify the practical field problems for further research. Agricultural/Horticultural/Animal Husbandry Officers Workshops, workshop for kharif, rabi fodder production, training courses in farm technology, crop production/courses on area planning, agricultural finance, applied nutrition, town and rural compost-making, specialised courses on pesticides, seminars, farmers training courses are organised as a regular feature. Specialised training courses are also organised on bee-keeping, poultry farming, dairying, tractors and farm machinery, biogas technology, solar appliances, irrigation drainage system, fruit cultivation and nursery raising, scientific storage of food-grains and first-aid to the livestock. Correspondence and integrated courses in home management, agriculture for small farmers have been introduced. Youth Development programmes are held by farm youth clubs. This is based on self-help principle and provide opportunities for 'learning by doing' and 'earning while learning' experience. Punjab Naujawan Kisan Sanstha is organised to train the young farmers in the latest farm technology and to get feedback for the scientists. Krishi Vigyan Kendra and Vocational Agricultural Training School at Gurdaspur conduct vocational, specialised, refresher and short-training courses for farmers. Communication Centre aims to transfer the latest technology to farmers through publications, radio, TV and press. 'Package of practices for crops of Punjab' and journals, bulletins are published by the Centre. Lab-to-Land programme has adopted 6,000 families to introduce the new technology and to establish relationship between the farmers and the scientists to identify the difficulties. National demonstrations are conducted to obtain the maximum yield by adopting package of technology in multiple crop sequence. Operational Research Project demonstrate the ways and means to reclaim the alkali soils. The staff of this project conduct demonstration trials of two acres each on American cotton. They undertake the responsibility of testing of new recommendations, running information centre, organising exhibitions, conducting training, etc. College of Agricultural Engineering/Veterinary Science organise educational programmes on use of solar cookers, farm machinery & agricultural implements, maintenance of plant protection equipment, remote application to land and water resources, grain storage techniques, bio-gas, refresher courses on poultry farms and their management.

Director, Extension Education Dr K S Nandpuri

COLLEGE OF AGRICULTURAL ENGINEERING
Ludhiana

ESTABLISHMENT 1965

PHONE 22960/221

MANAGEMENT University

GRAM Agrivarsity

DEAN Dr S R Verma

Courses* BTech (Agril Engg) Duration 4 years
MTech
PhD

Seats 50

Request for application

May/June

Last date

Reservations SC/ST 25% Backward Classes 5% Outstanding Sportsmen 5% Freedom Fighters and their dependents 2% Govt of India nominees (from other Union Territories/States/Foreign countries) 20% Children of Inservice/Exservice Armed Force//CRP/BSF/Officers/Officials (including officials who died during their service) 2%.

Eligibility Academic qualification Pre-Engg or 10+2 exam with Phy, Chem, Maths & Eng with 55% marks (relaxable by 5% for SC/ST/BC candidates, sportsmen/women, Freedom Fighters and their dependents) or equivalent or I year of BSc Ag (Hons) 4-year programme or II year of BSc Ag (Hons) 5-year programme of PAU securing atleast an overall GPA of 2.90 out of 4.00 restricted to 10% of admission to BTech (Agril Engg) or Diploma course in Engg securing atleast 55% marks and having a professional experience of atleast 2 years. Candidates who have passed BSc exam with 55% marks are also considered. **Domicile** Candidates must be residents of Punjab State or Union Territory of Chandigarh (not applicable to Govt of India nominees and Children of University Employees who have put in 3-year service).

Application form and prospectus can be obtained from the Registrar, Punjab Agricultural University, Ludhiana on cash payment of Rs 5 or by sending crossed IPO for Rs 7 in favour of the Comptroller, PAU, Ludhiana, completed application should reach the Univ by the notified date.

Selection is made on the basis of marks obtained in the qualifying exam and interview including written test. Weightage is given to candidates having good personality, distinction in sports, NCC, NSO, NSS, scouting etc or Rural background and "suitability for training in Agril Engg". Admissions of nominated candidates are regulated by the Govt of India, Indian Council of Agricultural Research, Krishi Bhawan, New Delhi. Selected students must be medically fit.

The course commences in August.

*Details relate to BTech (Agril Engg) course

Medium of Instruction English.

Fees Tuition fee Rs 60 per trimester. At the time of admission non-boarders have to pay about Rs 170 and boarders about Rs 310.

Scholarships Half tuition fee to 10 percent students on merit-cum-means basis. Merit scholarships of Rs 100 pm, Govt Merit-cum-means scholarships to 7½ percent of students, Govt of India interest-free loan scholarships and National Loan scholarships, Post Matric scholarships Backward Class scholarships, Scholarships for student of ex-criminal tribes, Freeships to SC, Six Sports scholarships of Rs 100 pm in specified games are available. Scholarships awarded by private trusts are also available.

Hostels 220 seats for boys. Girl students can stay in girls hostel of the Home Science College. Rent Rs 16-24 per trimester & Boarding Rs 250-300 pm.

Postgraduate Courses MTech in Farm Power & Machinery, Soil & Water Engg, Processing & Agril Structures (Processing & Structures), Civil Engg (Hydrology & Water Resources Engg, Structural Engg), Mechanical Engg (Thermal Environmental Engg, Machine Design), Electrical Engg (Instrumentation, Systems & Control), Energy Sc & Tech. Duration 2 years.

Research Studies PhD facilities exist.

Statistics (1985-86) Number of applications received 227.

Special features All students are required to participate in NCC/NSO/NSS. Educational tours are compulsory which are an integral part of an academic programme.

Heads of Departments *Civil Engg* Dr K N Duggal *Elect Engg* Dr R K Varshney *Farm Power & Machinery* Dr L N Shukla *Mech Engg* Dr K D Mannan *Processing & Agri Structure* Dr M M Kashyap *Soil & Water Engg* Dr V V N Murti. *Workshop Superintendent* Shri S S Bajwa *Hostel Warden* Dr Joginder Singh *Librarian* Shri S S Sandhu.

COLLEGE OF AGRICULTURE

Ludhiana 141004

ESTABLISHMENT 1909

PHONE 29006

MANAGEMENT University

GRAM Agricol, Ludhiana

DEAN Dr Dalbir Singh Dev

Courses*	BSc Agri (Hons)	Duration 4/5 years	Seats 45/88
	BSc (Forestry)	4 years	25
	MSc (Agri)		
	PhD		
	Diplomas		

Request for application

As per advertisement

Last date

As fixed by the Univ
from time to time

Eligibility Academic qualification For 5-year programme Matriculation/Higher Secondary Part I or equivalent exam with Sc or Ag securing 55 percent aggregate marks. Candidates who have passed Pre-Univ/Higher Secondary or higher exam with Sc/Ag may be exempted from some of the courses ; For 4-year programme Pre-Univ or Higher Secondary or equivalent exam with Sc or Agri securing at least 55 percent aggregate marks (relaxable by 5% for SC/ST/BC candidates, sportsmen/women, freedom fighters). Candidates who have passed Pre-Medical/Pre-Engg/Inter Agri or equivalent or higher exam seeking admission to 4-year programme may be exempted from some of the courses. For BSc (Forestry) Pre-Univ/Higher Secondary/ equivalent exam in Sc or Ag with 65 percent marks. **Domicile** Candidates must be residents of Punjab State or Union Territory of Chandigarh (not applicable to Govt of India nominees and children of University Employees who have put in 3-years service).

Reservations

Application Procedure

Selection

Scholarships

} Common details given in this chapter under
College of Agricultural Engineering, Ludhiana

The course commences in August.

Medium of Instruction English.

Fees Tuition fee Rs 33-60 per trimester.

*Details relate to first degree courses.

Hostels Residence is optional. Lodging Rs 16-24 per trimester.

Postgraduate Courses MSc (Agri) in Agril Edn, Agril Meteorology, Agronomy, Animal Sc, Entomology, Extn Edn, Food Tech, Horticulture, Plant Breeding, Plant Pathol, Soil Sc, Vegetable Crops & Land Scaping and Floriculture. **Duration** 2 years.

Other courses Also offers BSc Ag (Hons) condensed programme for Village Level Workers/Agricultural Sub-Inspectors. Two-year undergraduate Diploma in Dairy Tech and two year Diploma in Agriculture, BEd (for PAU internal candidates only).

Research Studies Facilities for PhD are available.

Statistics (1985-86) Number of applications received for 4-year programme 465 and for 5-year programme 1450 and BSc (Forestry) 168.

Special Features All students are required to participate in NCC/NSO/NSS. Educational tours are also compulsory and form an integral part of an academic programme.

Heads of Departments *Agril Meteorology* Dr H S Mavi *Agronomy* Dr S S Cheema *Animal Sc* Dr M S Tiwana *Entomology* Dr Harcharan Singh *Extn Edn* Dr A N Shukla *Food Sc & Tech* Dr K S Sekhon *Forestry & Natural Resources* Dr A S Hans *Horticulture* Dr D K Uppal *Plant Breeding* Dr A S Khera *Plant Pathol* Dr J S Jhooty *Soils* Dr S S Prihar *Vegetable Crops Landscaping & Floriculture* Dr K S Randhawa *Hostel Warden* Dr P S Phul, Dr S S Cheema *Univ Librarian* Shri S S Sandhu.

COLLEGE OF VETERINARY SCIENCE

Ludhiana 141004

ESTABLISHMENT 1962

PHONE 22960/210

MANAGEMENT University

DEAN Dr Balwant Singh

Courses*	BVSc & AH	Duration	4 years plus 6 months internship	Seats	As decided by the Univ
	MVSc				
	PhD				

Request for application June
Last date

*Details relate to BVSc & AH course

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Eligibility Academic qualification Pre-Medical, Pre-Veterinary or equivalent exam with 55% marks excluding the marks obtained in the optional subject (*) (relaxable by 5% in case of SC/ST/BC candidates Sportsmen/women, freedom fighters and their dependents). **Domicile** Candidates must be residents of Punjab or Union Territory of Chandigarh (not applicable to Govt of India nominees and Children of University Employees who have put in 3-year service).

Reservations

Application Procedure

Selection

Scholarships

} Common details given in this chapter under
College of Agricultural Engineering, Ludhiana.

The course commences in August.

Medium of Instruction English.

Fees Tuition fee Rs 42 and other charges Rs 47.50 per trimester.

Hostels 223 boys can be accommodated in the hostel. Residence is optional. Boarding Rs 250 and Lodging Rs 40 pm.

Postgraduate courses MVSc in Vet Anatomy & Histology, Vet Bacteriol & Virology. Vet Parasitology, Vet Obst & Gynae, Vet Surgery & Radiol, Vet Med, Vet Pharmacol, Vet Pathol, Vet Physiol. **Duration** 2 years.

Research Studies Facilities for PhD exist.

Statistics (1985) Number of applications received 360.

Special Features NCC and educational tours are compulsory and form integral part of an academic programme.

Heads of Departments *Anatomy & Histology* Dr R P Saighal *Bacteriol* Dr K K Baxi *Obst & Gynae* Dr R D Sharma *Reproduction Physiol* Dr P J S Rattan *Vety Bacteriol & Virology* Dr S N Sharma *Vety Parasitol* Dr Sawai Singh *Vety Pathol* Dr P P Gupta *Vety Physiol* Dr M S Setia *Vety Public Health* Dr D V Joshi *Vety Clinics* Dr S S Rathore (Director).

PUNJABRAO KRISHI VIDYAPEETH

EXTENSION EDUCATION PROGRAMMES

Extension activities are carried through various demonstrations arranged on selected plots for transfer of technology. Under Lab to Land programme, 1100 farm families have been adopted through 18 technology transfer centres. 'Krishiwani' provides weekly guidelines on various crops, animal health care, agricultural engineering for welfare of farmers. University scientists accompany the mobile crop dispensary from village to village during kharif and rabi season. Tribal area research projects are functioning at district level for welfare of tribal people. District extension education and research councils are functioning in nine districts to provide feedback and to solve the problems. Farmers from all districts can participate in 'shivar pheri' programme. Field visits are arranged for guidance on pests diseases. Training programmes are organised through Krishi Vigyan Kendra. Technologies are finalised after research and recommended for adoption. Books for the service of farmers are published to popularise the research activities among farmers. The communication centre provides scientific, technical information to farmers and extension workers through patrika, leaflets, folders distributed at exhibitions and Melas. Animal care camps are organised regularly. 52 Vidhyapeeth Shetkari Mandals have been established for extension activities.

Director, Extension Education Dr R R Sinha

ANAND NIKETAN COLLEGE OF AGRICULTURE

Anandwan, Warora 442914

Distt Chandrapur (M. S.)

ESTABLISHMENT 1965

PHONE 158

MANAGEMENT Trust

GRAM College of Agril

PRINCIPAL Shri A Y Bhagat

Course BSc (Agri)

Duration 4 years
(8 semesters)

Seats 64+8
(for girls)

Request for application

As per univ

Last date

Advt

188 PUNJABRAO KRISHI

Reservations SC & Nao Budha 13% ST (including tribals outside specified areas) 7% Denotified & Nomadic Tribes 4% Other backward classes 10% Agriculturists/their children 12% Children of freedom fighters 2% Persons who and whose parents have not resided in the State for three years during the period of ten years 5% (of unreserved seats) Children of Military personnel/ex-servicemen 5 seats Project displaced persons of State 5% Candidates residing in the area falling under other Agril universities of the State 25% (of unreserved seats). Seats may be reserved for foreigners/ICAR nominees.

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary and Higher Secondary Edn Board or equivalent with Phy, Chem, Biol & any other optional subject. Candidates who have not taken Maths as an optional subject shall have to take extra courses in the subject. **Domicile** Residents of Maharashtra as per rules.

Application form and prospectus can be obtained from the Registrar of the univ or Principal of the Colleg^e on payment of Rs 10 or through IPO payable to Asstt Registrar (GAD), Punjabrao Krishi Vidyapeeth, Akola. Completed application should reach the Registrar of the univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam. Weightage is given to the candidates who have passed qualifying exam under 10+2 with related vocational group of subjects ; agriculturists, NCC cadets/Air Wing certificate or naval certificate holders, sportsmen/co-curricular activities, project displaced persons and ex-military persons.

Fees Tuition fee Rs 300 and other charges Rs 540 pa.

Scholarships Govt of India Post-Matric scholarships of Rs 75-125 to SC/ST, Merit-cum-means scholarships, national scholarships, national loan scholarships, State Govt merit and poor student scholarships, merit scholarships to primary school teachers, freedom fighters scholarships, studentships are available.

Hostels 50 seats for boys in the hostel. Residence is optional. Lodging Rs 17 pm. No boarding arrangement in hostel.

Heads of Departments *Agril Engg* Shri D B Kulkarni *Agronomy* Shri A Y Bhagat *Animal Husbandry* Shri R G Naolakhe *Cooperation & Banking* Shri B B Taide *Entomology* Dr P K Shelgaonkar *Extn Edn* Shri A H Lambat *Genetics & Plant Breeding* Shri R G Kale *Horticulture* Shri Inamal Bari *Plant Pathol* Shri A M Kherdekar *Soil Sc* Shri Y N Kondawar *Vety Sc* Dr K Hanumanth Rao *Hostel Warden* Prof D B Kulkarni, Prof S S Raut *Librarian* Shri P R Cohude (*Incharge*).

**COLLEGE OF AGRICULTURAL ENGINEERING
& TECHNOLOGY**

Krishinagar, Akola 444104

ESTABLISHMENT 1970

PHONE 5974

MANAGEMENT University

PRINCIPAL Dr S H Adhadoo

Course BTech (Agril Engg)

Duration 4 years
(8 semesters)

Seats 50
+ 5 (girls)

Request for application

As per Advt

Last date

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary & Higher Secondary Board or equivalent with Phy, Chem & Maths as optionals. **Domiciled Resident** in Maharashtra as per rules.

Reservations

Application Procedure

Selection



Common details given in this chapter under Anand Niketan College of Agriculture, Warora

Fees Tuition fee Rs 130 and other fee Rs 347 pa.

Scholarships Open merit scholarships, merit-cum-means scholarships, Govt of India scholarships for SC/ST/backward classes, notified loan scholarships, freedom fighters scholarships are available.

Hostels Seats for 55 boys and girls. Residence is optional. Lodging Rs 115 pa and boarding Rs 150 pm.

Statistics (1985) Number of applications received 1968.

COLLEGE OF AGRICULTURE
Murtizapur Road, Krishinagar, Akola 444104

ESTABLISHMENT 1955

PHONE 5024/6023

MANAGEMENT University

GRAM Prinagri

ASSOCIATE DEAN Shri D V Bhalkar

Courses	BSc (Agri)	Duration	4 years	Seats	64 + 16 (girls)
	BSc (Forestry)				20
	BSc (Horticulture)				20 + 4 (girls)

Request for application

After declaration of 12th
standard exam result

Last date

Two weeks after advertisement

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary & Higher Secondary Edn Board or equivalent with Phy, Chem, Biol & any other optional subjects. Candidates who have not taken Maths as an optional subject shall have to take extra courses in the subject. **Domicile** Residents of Maharashtra as per rules.

Reservations

Application Procedure

Selection

} Common details given in this chapter under Anand Niketan College of Agriculture, Warora.

Fees Tuition fee Rs 120 pa, a sum of Rs 266 is payable at the time of admission.

Scholarships Govt of India Post-Matric scholarships to SC/ST, Merit-cum-means scholarships, national scholarships, national loan scholarships, State Govt merit and poor student scholarships, merit scholarships to primary school teachers children, freedom fighters scholarships, studentships are available.

Hostels Residence is optional. Lodging Rs 40, boarding Rs 200 pm.

Statistics (1985) Applications received by the univ—BSc (Ag) 4,000 ; BSc (Hort) 400 ; BSc (Forestry) 650.

Extension Activities The College has adopted 50 farm families under Lab to Land programme at Dongergaon village. 50 kharif crop and 10 rabi crop demonstrations were arranged. Advisory work to farmers on biogas, use of fertilizers, insecticides and promoting cultivation of soilseed crops is also carried out.

Head.s of Departments *Agronomy* Dr V R Baporikar *Ag Bot* Prof A P Ekbote *Ag Chem and Soil Sc* Prof B G Joshi *Ag Econ & Stat* Dr V D Galgalikar *Agri Extn* Dr S V Supe *Entomology* Dr H S Thakre *Horticulture* Dr P P Deshmukh *Agri Engg* Prof M B Duddalwar *Animal Husbandry and Dairying* Dr R D Sammanwar *Plant Pathol* Dr B B Bhambe.

COLLEGE OF AGRICULTURE

Nagpur (Maharashtra)

ESTABLISHMENT 1906

PHONE 23315

MANAGEMENT University

GRAM Prinagri

DEAN Shri P S Mahalle

Courses* BSc (Agri)

Duration 4 years
(8 semesters)

Seats 128
+12 (girls)

MSc
PhD

Request for application

June/July

Last date

July

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary & Higher Secondary Edn Board or equivalent with Phy, Chem, Biol & any other optional subjects. Candidates who have not taken Maths as an optional subject, shall have to take extra courses in the subject. **Domicile** Resident in Maharashtra as per rules.

Reservations

Application Procedure

Selection

} Common details given in this chapter under Anand Niketan College of Agriculture, Warora.

Fees Tuition fee Rs 120 pa, a sum of Rs 266 is payable at the time of admission.

Scholarships Govt of India scholarships/freeships to SC/ST/NT/DT Rs 100-125, Merit-cum-Means scholarships, National loan scholarships, Economically Backward Class students scholarships, Concession to the Children of Primary Teachers, ICAR scholarships, State scholarships to SC/ST/NT/DT, Stipends, Freedom Fighter scholarships are available.

Hostels Seats for 448 boys. Residence is optional. Room rent Rs 60 pa.

*Details relate to BSc (Agri) course,

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Postgraduate Courses MSc (Agri) in Agril Bot, Agril Chem, Agril Econ, Agril Entomology, Agril Extn, Agronomy, Animal Husbandry & Dairying, Horticulture, Plant Pathol. **Duration** 2 years (4 semesters).

Research Studies Facilities for PhD exist.

Heads of Departments *Agril Engg* Prof S V Dixit *Agril Marketing & Coop/Coop & Banking* Prof M D Korde *Agri* Dr K D Khattar *Animal Sc/Husbandry/Dairying/Dairy Sc Tech* Dr A H Kukde *Entomology* Dr Y M Taley *Extn Edn* Prof W T Wakade *Genetics & Plant Breeding* Prof N R Shastri *Horticulture* Prof S B Umale *Microbiol* Prof J E Sable *Poultry Sc* Dr D B Pawse *Sericulture* Dr Y M Yallay *Soil Sc* Dr P G Babrikar *Vety Pharmacol/Public Health/Sc* Dr D B Sarode *Hostel Warden* Shri S B Umale *Librarian* Mrs V V Paturkar.

NAGPUR VETERINARY COLLEGE

(Faculty of Veterinary Science)

Seminary Hills, Nagpur 440006

ESTABLISHMENT 1958

PHONE 31259

MANAGEMENT University

GRAM Veterinary

ASSOCIATE DEAN Dr J D Hanmode

Courses* BVSc & AH

Duration 4½ years
(9 semesters)

Seats 100+10
(girls)

MVSc
PhD

Request for application

As per Advt

Last date

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary & Higher Secondary Edn Board or equivalent with Phy, Chem & Biol. **Domicile** Resident of Maharashtra as per rules.

Reservations

Application Procedure

Selection

} Common details given in this chapter under Anand Niketan College of Agriculture, Warora.

Fees Rs 60 per semester, a sum of Rs 266 is payable at the time of admission.

Scholarships Univ scholarships Govt of India scholarships to SC/ST, loan scholarships and scholarships/educational concession to freedom fighters are available.

*Details relate to BVSc & A H course

Hostels Seats for 260 boys and 4 girls. Residence is optional.

Postgraduate Courses MVSc Animal Genetics & Breeding, Animal Nutrition, Animal Reproduction, Dairy Cattle Production, Med, Pathol, Pharmacol, Physiol, Poultry Production, Surgery, Duration 2 years (4 semesters).

Research Studies PhD facilities are available.

Heads of Departments *Agri* Shri P M Shende *Animal Genetics & Breeding* Dr S N Deshmukh *Anatomy* Dr R V Pandit *Animal Husbandry* Dr V R Thatte *Animal Nutrition & Dairy Sc* Dr M R Keduskar *Bacteriol* Dr S D Harne *Extn Edn* Dr P B Saigaonkar *Med* Dr V A Sapre *Parasitol* Dr M R Sardey *Pathol* Dr D L Paikne *Physiol* Dr V J Iyer *Pharmacol* Dr M K Joshirao *Hostel Warden* Dr A K Core *Librarian* Shri M N Khadakkar.

POST GRADUATE INSTITUTE

Punjabrao Krishi Vidyapeeth
Akola 444001

ESTABLISHMENT 1970

PHONE 5493

MANAGEMENT University

GRAM University

ASSOCIATE DEAN Dr S B Lal

Courses MSc (Agri)
MTech (Agri Engg)
MVSc
PhD

Specialisations *MSc (Agri)*: Agril Bot, Agril Chem, Agril Econ, Agril Entomology, Agril Extn, Agronomy, Animal Husbandry & Dairying, Horticulture, Plant Pathol; *MTech (Agril Engg)*: Agril Process Engg, Farm Power & Machinery, Irrigation & Drainage Engg, Soil & Water Conservation Engg; *MVSc*: Animal Genetics & Breeding, Animal Nutrition, Animal Reproduction, Dairy Cattle Production, Med, Pathol, Pharmacol, Physiol, Poultry Production, Surgery. Duration 2 years (4 semesters). Graduates in relevant field with requisite percentage of marks are eligible.

Research Studies PhD facilities are available in Agronomy, Agril Bot, Agril Entomology, Animal Reproduction (including Gynae), Plant Pathol, Surgery.

Heads of Departments *Agril Bot* Prof A P Ekbote *Agril Chem* Prof B G Joshi *Agril Econ* Dr V D Galgalikar *Agril Process Engg* Prof R S Bonde *Agronomy* Prof P K Khedekar *Anatomy Physiol* Dr J D Honmode *Animal Husbandry & Dairying*

Dr R D Sammanwar *Bacteriol, Pathol, Parasitol* Dr S S Bhagwat *Entomology*
 Dr H S Thakare *Extension* Dr S V Supe *Farm Power and Machine* Dr S H Adhoo
Genetics and Breeding Dr D N Dharmadhikari *Gynae and Surgery* Dr P E Kulkarni
Horticulture Dr P P Deshmukh *Irrigation and Drainage* Dr M N Pawade *Pharmacol,*
Med Dr B S Phadnaik *Plant Pathol* Dr B B Bhombe *Soil and Water Mgt*
 Dr M N Pawade *Hostel Wardens* Dr P B Kale, Dr H S Thakre *Librarian* Shri P P
 Deshmukh.

SHRI SHIVAJI AGRICULTURE COLLEGE

Shivaji Nagar, Morshi Road
 Amravati 444606

ESTABLISHMENT 1959

PHONE 3678

MANAGEMENT Trust

PRINCIPAL Shri H B Ulemale

Courses* BSc (Agri)

Duration 4 years
 (8 semesters)

Seats 120
 +8 (girls)

MSc

Request for application

As per univ Advt

Last date

Eligibility Academic qualification 12th standard exam of Maharashtra State Secondary and Higher Secondary Edn Board or equivalent with Phy, Chem & Biol and any other optional subjects. Candidates who have not taken Maths as an optional subject shall have to take extra courses in the subject. Domicile Resident in Maharashtra, as per rules.

Reservations

Application Procedure

Selection

} Common details given in this chapter under Anand Niketan College of Agriculture, Warora

Fees Tuition fee Rs 400 and other charges Rs 508 pa.

Scholarships Govt of India National scholarships, National loan scholarships, Merit-cum-means scholarships, Merit scholarships to the children of primary school teachers, scholarships to freedom fighters and physically handicapped, College Merit scholarships, concessions to the backward class students are available.

*Details relate to BSc (Agri) course

Hostels facilities available for limited students.

Postgraduate Courses MSc (Agri) in Agril Ecnc and Agril Extn. **Duration** 2 years.

Heads of Departments *Agril Bot* Shri S G Hande *Agril Chem* Shri S N Ghulaxe
Agril Econ Shri P N Bhargava *Agril Engg* Shri K G Gujarkar *Agronomy* Shri K M
Shah *Animal Husbandry/Sc* Shri S V Kaloti *Entomology* Shri M S Shandilya
Extn Edn Shri S D Mujumdar *Horticulture* Shri N G Thoke *Plant Pathol* Shri H G
Chandurkar *Librarian* Shri A W Vinchurkar.

UNIVERSITY OF RAJASTHAN

B B D GOVERNMENT COLLEGE

Chimanpura, Shahpura 303103 Jaipur

ESTABLISHMENT 1977

PHONE 62

MANAGEMENT Government

PRINCIPAL Dr J Bhagwan

Course BSc (Agri)

Duration 3 years

Seats 60

Request for application

May/June

Last date

Eligibility Pre-Professional (Agri)/12 year exam or equivalent.

Application form and prospectus can be obtained from the Principal of the College on payment of Rs 5 by sending IPO in favour of the College. Completed application should reach the college by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam. Weightage is given to sportsmen, SC/ST and local candidates.

Scholarships Merit-cum-need, national loan scholarships to 10% of students are available.

Hostels facilities are available for 60 boys. Residence is optional.

Other Course Pre-Professional (Ag) for Hr Sec (Sc) candidates is offered. Duration 1 year.

Statistics About 900 applications are received every year.

Heads of Departments *Agri* Shri P K Mishra *Entomology* Shri L N Kumawat
Horticulture Shri Daljit Singh *Soil Sc* Shri Bal Ram Godara *Hostel Warden* Shri
Pankaj Kumar Mishra *Librarian* Shri N K Sharma

DAYANAND COLLEGE

Beawar Road, Ajmer 305001

ESTABLISHMENT 1888

PHONE 21792

MANAGEMENT Trust

PRINCIPAL Dr Dinesh Singh

Course BSc (Agri)

Duration 3 years

Seats 70

Request for application June

Last date June/July

Reservations SC 16% ST 12% Physically handicapped 3%.

Eligibility Age No restriction. Academic qualification Pre-Professional (Ag) (12-year) exam or equivalent.

Application form and prospectus can be obtained from the Principal of the College on payment of Rs 5. Completed application should reach the college by the notified date.

Selection Admission is made on the basis of merit.

Fees Tuition fee Rs 144 and other charges Rs 212 pa.

Scholarships State Govt Scholarships, ICAR Merit scholarships are available.

Hostels facilities are available to limited students.

Other Course Pre-Professional (Ag) for Higher Secondary pass candidates is offered. Duration 1 year.

Statistics (1985) Applications received 515.

Special Features The college has a very rich library where books on all subjects including agriculture are available in abundance.

Extension Activities The college has adopted nearby village under ICAR sponsored Lab to Land programme.

Heads of Departments *Agri Engg* Shri J N Mehrotra *Animal Husbandry* Shri M S Chhonkar *Entomology* Shri K D Saxena *Genetics and Plant Breeding* Shri R K Chaturvedi *Hostel Warden* Shri S P Pania *Librarian* Shri K P Yadav.

DUNGAR COLLEGE

Bikaner 334001

ESTABLISHMENT 1932

PHONE 4089

MANAGEMENT Government

PRINCIPAL Dr S N Swami

Course BSc (Ag)

Duration 3 years

Request for application May/June

Last date June

Reservations SC 16% ST 12% Physically handicapped 3%.

Eligibility Pre-professional (Ag) (12-year) exam or equivalent. Candidates from other States must obtain 60% marks.

Application form and prospectus can be obtained from the Principal of the College on cash payment of Rs 4 or Rs 10 through MO if required by post. IPO and cheques are not accepted.

Selection Admission is made on merit basis.

Fees Tuition fee Rs 175 pa.

Hostels Facilities are available to limited number of students. Residence is optional.

Scholarships Merit scholarships, loan scholarships are available.

Other Course Pre-Professional (Ag) for Hr Sec pass candidates is offered. Duration 1 year.

Heads of Departments *Agri and Horticulture* Shri Ramesh Kumar Gawari *Microbiol and Plant Pathol* Shri Mahender Pal Singh *Thind Lab Incharge* Shri Ajaz Siddiqui *Hostel Warden* Shri S B L Rawat *Librarian* Miss Sobha Choudhary.

**G V COLLEGE OF AGRICULTURE
ARTS SCIENCE & COMMERCE**
Sangaria 335063 Sriganganagar

ESTABLISHMENT 1962

PHONE 79

MANAGEMENT Trust

GRAM Agriculture
College

PRINCIPAL Dr Jagmer Singh

Course BSc (Agri)

Duration 3 years

Seats 180

Request for application

June/July

Last date

Eligibility Academic qualification Inter (Sc/Agri) or Pre-professional (Agri) exam or equivalent.

Application form and prospectus can be obtained from the College on cash payment of Rs 10 or by post by sending a crossed IPO in favour of Principal of the College. Completed application should reach the college by the notified date.

Selection Admission is made on merit obtained in the qualifying exam. Weightage is given to SC/ST, sports/NCC and local candidates.

Fees Tuition fee Rs 120 and other charges Rs 335 pa.

Scholarships ICAR scholarships, merit-cum-need/national loan scholarships, full/half freeships to 10% of students are available.

Hostels Seats for 80 boys. Residence is optional. Hostel fees Rs 380 pa.

Other Course Pre-Professional (Agri) of 1-year duration for Pre-Univ/Higher Secondary Cert holders in Sc/Agri.

Statistics (1985) Applications received 400.

Heads of Departments *Agronomy* Shri Devji Singh *Agri Bot* Dr B S Sharma *Agri Chem* Dr J K Singh *Agri Econ* Dr R P Sharma *Agri Engg* Shri S P Meheria *Animal Husbandry and Dairying* Shri Brij Bhushan *Entomology* Shri V K Juneja *Extn Edn* Shri R P Yadav *Genetics and Plant Breeding* Dr B S Sharma *Horticulture* Dr R V Singh *Mircobiol and Plant Pathol* Shri J P Jain *Soil Sc* Dr J K Singh *Vety Sc* Shri Susheel Kumar *Hostel Warden* Dr R V Singh *Librarian* Shri L D Mittal.

200 RAJASTHAN

GOVERNMENT COLLEGE
Sawai Madhopur 322021 (Rajasthan)

ESTABLISHMENT 1981

PHONE 217

MANAGEMENT Government

PRINCIPAL Shri Haridutt Sharma

Course BSc (Ag)

Duration 3 years

Seats 60

Request for application March/April

Last date June/July

Eligibility Inter (Sc/Agri) exam or equivalent.

Application form can be obtained from the Principal of the College on cash payment of Rs 5 or through IPO in favour of the College with self-addressed stamped envelope of 13 × 30 cm, if required by post.

Selection On merit basis.

Statistics (1985-86) Number of applications received 487.

Heads of Departments *Agronomy* Shri Rajesh Kumar Yadendra *Entomology*
Shri Om Prakash Sharma *Soil Sc* Shri S R Sharma.

RAJENDRA AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The university carry out extension education programmes along with teaching and research with a view to transfer of useful technologies developed by the university for the benefit of farming community. The activities are carried out through Lab to Land programme National, Demonstration, Krishi Vigyan Kendras, Operational Research Projects, Integrated rural development, national service scheme for development of backward communities, bio-gas development programme, field functionaries training, participation in training and extension education through monthly workshop and activities like Kisan Mela and Kisan diwas. Under Lab to Land programme, 2,000 farm families belonging to small, marginal and weaker sections have been adopted from different agro-climatic regions. The university is directly operating three krishi vigyan kendras which have become important instrument of transfer of technology as it provides skill oriented training which is different from traditional system of training. The operational research project has done commendable work in evolving proper package of practices for economic progress. An important programme recently launched has been in the field of rice production in which the university has been able to develop suitable technologies for different situations. In this effort, work is being done to motivate the farmers to adopt different varieties as well as agro-techniques for cultivation of rice to get higher yield. The popularisation of "Radha" and "Sujata" varieties of paddy in Harpur village with 53 farm families have created a good impact and have proved the potentiality of increasing rice production in Bihar at a much faster rate. The university has played a significant role in popularising modern methods of cultivation in oilseeds crops specially in 'varuna rai'; The university publishes literature useful for the farming communities like "Adunik Kisan"—a monthly magazine, Adhunik Kisan dairy, package of practices for vegetables, package of practices on fruits, kharif crops, rabi crops and other publications. National demonstration programme was implemented in Samastipur and Bhagalpur districts during the sixth plan period. Bihar, specially Muzffarpur-Pusa region is famous for litchi fruit. A litchi development programme in three villages has been started to increase the area under litchi cultivation and to increase its productivity and income. A special programme of crop production technology in various crops including vegetables and spices has been started in villages. Some other extension programmes on soil sciences, oilseed & pulses and fruit are undertaken with a view to increase the production in the farmers' field. Programme on home science for ladies and children is undertaken to create awareness about utilizing leisure time, nutritional deficiency, preparation of delicious food and skill for preparing decoration materials.

Director Extension Education Dr G Trivedi

BIHAR AGRICULTURAL COLLEGE

Sabour 813210 Distt Bhagalpur

ESTABLISHMENT 1908

PHONE 11 (Bhagalpur)

MANAGEMENT University

GRAM Colagri

PRINCIPAL Dr T P Singh

Courses*	BSc (Ag)	Duration	3 years (9 trimesters)	Seats	50
	MSc (Ag)		(4 years/8 semesters <i>proposed</i>)		
	PhD				

Request for application

February/March

Last date

June or as fixed by the univ

Reservations SC/ST as per Govt rules. Seats are available for ICAR/Govt of India nominees, children of Military personnel and Univ employees.

Eligibility Age 17 years as on July 1. **Academic qualification** Inter (Sc) or equivalent with Phy, Chem, Biol (Bot & Zool) or Maths. **Domicile** Candidates must have been educated in School/College in Bihar for not less than 10 years. This may not apply to children of State Govt servants/members of All India Service allotted to Bihar Cadre/Staff of the Univ or Central Govt employees serving in Bihar or employees of Public Sector Undertakings in Bihar or candidates whose father/mother (in case father is not alive) has been residing in Bihar for the last 10 years continuously or who are permanent residents of the State.

Application form and prospectus can be obtained from the Principal of the College or Deputy Registrar, Rajendra Agricultural University, Pusa, Samastipur 848125 on cash payment of Rs 8 or by sending a crossed IPO of Rs 8 in favour of the Controller, R A U at Pusa Post Office and a self-addressed stamped (Rs 4.05) envelope of 10" x 4½". Completed application should be sent by registered post to the Registrar of the University by the notified date together with the prescribed exam fee.

Selection Admission is made on the basis of marks obtained at the competitive entrance exam conducted by the univ. The test consists of one paper each in Phy, Chem and Biol (Bot & Zool) or Maths of 50 marks. The standard of the exam is that of Intermediate. Candidates must obtain 33% marks to qualify the entrance test. The questions are of objective/multiple choice type.

Fees Tuition fee Rs 150 and other charges Rs 382 pa.

*Details relate to BSc (Ag) course

Scholarships College Merit scholarships; Merit-cum-means scholarships and loan to needy students are available.

Hostels 330 seats for boys. Residence is compulsory. Lodging Rs 60 pa and boarding Rs 120 pm.

Postgraduate Courses MSc (Ag) in Horticulture. Duration 2 years (6 trimesters).

Research Studies PhD facilities exist.

Special Features College has a horticultural garden and library containing old volumes of research journals and rare books. There are crop research departments like paddy, wheat, barley, maize, pulses, oilseeds, vegetables and fruits, diara and tal area crops. It has three Krishi Vigyan Kendras at Munger, Banka & Agwanpur. Research sub-stations at Madhipura (Soil and Water Mgt), Katihar (Jute research), Araria (Irrigation) and Tilondha (Rice) are also functioning under the College.

Heads of Departments *Agri* Dr Y P Singh *Agri Engg* Sri C N Roy *Animal Husbandry/Sc/Dairying* Dr A Bose *Entomology* Dr G D Verma *Extn Edn* Dr R M Sinha *Genetics & Plant Breeding* Dr U K Rai *Horticulture (Fruits)* Dr Ram Kumar *Horticulture (Vegetable)* Dr G M Mishra, *Soil Sc* Dr R N Singh *Hostel Warden* Dr S P Singh *Librarian* Sri J P Mandal.

BIHAR VETERINARY COLLEGE

Patna 800014

ESTABLISHMENT 1927

PHONE 22221

MANAGEMENT University

GRAM Vetcol

PRINCIPAL & DEAN Dr R N Singh

Courses* BVSc & AH	Duration 4 years (12 trimesters)/	Seats 40
MVSc	5 years (10 semesters <i>proposed</i>)	

Request for application

February/March

Last date

June or as fixed by the univ

Eligibility Age 17 years as on July 1. **Academic qualification** Inter (Sc) of Bihar Intermediate Council or equivalent with Phy, Chem, Biol (Bot & Zool).

*Details relate to BVSc & AH

204 RAJENDRA AGRI

Reservations

Domicile

Application Procedure

Selection



Common details given in this chapter under Bihar Agricultural College, Sabour.

Fees Tuition fee Rs 50 per trimester.

Scholarships Some scholarships are available.

Hostels Seats for 300 boys and 30 girls. Residence is compulsory.

Postgraduate Courses MVSc in Anatomy, Animal Breeding, Animal Nutrition, Extn Edn, Gynae, Med, Parasitol, Pathol, Vet Microbiol, Vet Physiol, Vet Pub Health. **Duration** 2 years (6 trimesters).

Heads of Departments *Anatomy* Dr L P Singh *Animal Nutrition* Dr R P Sinha *Animal Physiol* Dr A K Roy *Animal & Genetics & Breeding* Dr Mani Mohan *Boichem* Dr M Murtuza *Extn Edn* Dr R R P Srivastava *Food Sc & Tech* Dr J N Singh *Gynae* Dr S N Sinha *Med* Dr B P Sinha *L P M* Dr Raj Nr Singh *Microbiol* Dr C B Prasad *Pathol* Dr H N Thakur *Parasitol* Dr P S Srivastava *Pharmacol* Dr M K Singh *Surgery* Dr K B P Agrawal *Vety Public Health* Dr B N Prasad *Hostel Warden* Dr Mani Kant Singh *Librarian* Shri B N Mishra.

COLLEGE OF AGRICULTURAL ENGINEERING

Pusa, Samastipur 848125

ESTABLISHMENT 1983

MANAGEMENT University

DEAN Dr R K Rai

Course BTech (Agril Engg)

Duration 4 years

(12 trimesteres)

(4½ years/9

semesters

proposed)

Seats 30

Request for application

March/April

Last date

June or as fixed by the univ

Eligibility Age 17 years as on July 1. **Academic qualification** Inter (Sc) or an equivalent exam with Phy, Chem and Maths,

Reservations

Domicile

Application Procedure

Selection

} Common details given in this chapter under Bihar
Agricultural College, Sabour.

Fees Tuition fee Rs 85 per trimester.

Scholarships Univ Merit scholarships of Rs 125 to 10% of student, merit-cum-means scholarships of Rs 100 to 20%, SC/ST and ICAR scholarships are available.

Hostels Residence is compulsory. Seat rent Rs 20.

Statistics (1984-85) Number of applications received 5,600.

Heads of Departments *Farm Machinery* Prof P C Verma *Farm Power* Prof J Sahai
Irrigation & Drainage Engg Dr A P Mishra *Post Harvest Tech* Prof P H Pandey *Soil Conservation Engg* Dr B C Mai *Hostel Warden* Dr Ram Sakal *Librarian* Dr S F Hameed.

SANJAY GANDHI INSTITUTE OF DAIRY SCIENCE & TECHNOLOGY

Pusa 848125 Samastipur

ESTABLISHMENT 1981

PHONE 78

MANAGEMENT University

DIRECTOR Dr R S Singh

Course BSc (Dairy Tech)

Duration 4 years
(12 trimesters)/
4½ years (9
semesters
proposed)

Seats 25

Request for application

March/April

Last date

June or as fixed by the univ

Eligibility Age 17 years as on July 1. Academic qualification Inter (Sc) or equivalent exam with Phy, Chem & Maths.

Reservations	}	Common details given in this chapter under Bihar Agricultural College, Sabour
Domicile		
Application Procedure		
Selection		

Fees Tuition fee Rs 50 per trimester.

Scholarships University Merit Scholarships of Rs 125 pm and Merit-cum-Means Scholarships of Rs 100 pm. ICAR and other scholarships awarded by Institutions are also available.

Hostels Residence is compulsory.

Other Courses The Institute proposes to conduct BSc (Dairy Husbandry) and Diploma in Dairy Tech & Dairy Husbandry.

Special Features The Institute may conduct postgraduate programme in selected areas of Dairy Sciences ; short term training to dairy farmers, entrepreneurs, dairy technicians etc ; research in collaboration with the various disciplines of Veterinary Sciences, Animal Husbandry and Agriculture in Production, Processing, Storage and Transport of Milk and Milk Products.

Extension Activities The Institute is entrusted with the responsibility of effectively disseminating the knowledge of dairy processing and husbandry through extension education and communication to the local farmers and dairymen. Institute also organises dairy melas every year.

Heads of Departments *Animal Husbandry* Sri A Kumar *Animal Sc* Dr Chandramoni *Dairy Chem* Dr C P Singh *Dairy Tech* Dr C Prasad *Extn Edn* Sri A K Thakur.

TIRHUT COLLEGE OF AGRICULTURE

Dholi, Muzaffarpur 843121

ESTABLISHMENT 1960

PHONE 25

MANAGEMENT University

GRAM Colagri

PRINCIPAL Dr P N Jha

Courses*	BSc (Agri)	Duration 3 years (9 trimesters)/	Seats 50
	MSc (Agri)	4 years (8	
	PhD	semesters <i>proposed</i>)	

Request for application March/April

Last date June or as fixed by the univ

Eligibility Age 17 years as on July 1 Academic qualification Inter (Sc) or equivalent exam with Phy, Chem, Biol (Bot & Zool) or Maths.

Reservations

Domicile

Application Procedure

Selection

}
}
}

Common details given in this chapter under Bihar Agricultural College, Sabour

Fees Tuition fee Rs 75 & other charges Rs 261 per semester.

Scholarships There are fifteen merit/merit-cum-means scholarships awarded to students. Fee concession is also available to SC/ST/BC students.

Hostels Residence is compulsory. Boarding Rs 250 pm.

Postgraduate Courses MSc (Agri) in Agril Econ, Agronomy, Entomology, Extn Edn, Horticulture, Plant Pathol, Soil Sc. Duration 2 years (4 semesters).

Research Studies PhD facilities are available.

Special Features An Agricultural Research Institute is attached to the College. Ten ICAR Coordinated Research Projects, one PL 480 scheme, 12 State Research Schemes and a Community Development Block is also attached to the College as a live-laboratory for the students.

*Details relate to BSc (Agri) course

Extension Activities Extension activities are carried out by transfer of appropriate technology to farmers. Under Lab to Land programme six hundred farm families have been adopted, who receive training, technical guidance and inputs for adopting recommended technologies. Scientists of different disciplines visit the fields regularly and provide timely guidance. Nine villages have been adopted under integrated rural development programme. National demonstration, training and field day are organised in the farmers field. Some community activities are also organised in NSS camps and students contribute manually special campaigns on seasonal farm problems. Training on specific crops is organised for extension personnel and farmers, Agricultural exhibitions and Kisan Melas are organised to demonstrate latest farm technology.

Heads of Departments *Agri* Dr N N Sharma *Agri Engg* Dr R K Roy *Agri Marketing & Coop* Dr D K *Animal Husbandry* Dr R R Sinha *Entomology* Dr S F Hameed *Extn Edn* Dr N K Roy *Genetics and Plant Breeding* Dr S K Chowdhury *Horticulture* Dr K P Singh *Microbiol* Dr Raman Rai *Plant Pathol* Dr G S Dubey *Soil Sc* Dr C R Prasad *Hostel Warden* Dr R P Roy Sharma *Librarian* Sri Rama Nand Roy.

ROHILKHAND UNIVERSITY

R S M (PG) COLLEGE Dhampur, Distt Bijnor U P

ESTABLISHMENT 1958

PHONE 62

MANAGEMENT Trust

GRAM 'RSM Degree'

PRINCIPAL Dr J P Singh

Course BSc (Ag)

Duration 3 years

Seats 120

Request for application

June/July

Last date

Reservations SC 18% BC 15% Handicapped 3%.

Eligibility Intermediate exam with appropriate subjects or equivalent.

Application form and prospectus can be obtained on payment of Rs 5. Completed application should reach the College by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam.

The course commences in July/August.

Fees Tuition fee Rs 132 pa.

Hostels Facilities available for 100 candidates. Charges Rs 240 pa.

Heads of Departments Agril Engg Prof V S Chauhan Agril Marketing and Coop Prof V S Verma Animal Husbandry Dairy Sc/Tech Prof S P Singh Entomology Prof B R Arya Extn Edn Prof Rohitash Singh Genetics and Plant Breeding and Horticulture Prof R K Singh Coop and Banking Dr S K Rajput Soil Sc Dr Chaten Swroop Vety Sc Prof V K Mishra Librarian Shri V K Thakur,

SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES & TECHNOLOGY

EXTENSION EDUCATION PROGRAMMES

The valuable findings of research are taken to the field for adoption by the farmers through publications, Krishi Vigyan Kendra, Demonstrations and Lab to Land programmes. Package of practices have been prepared for Jammu & Kashmir Divisions for rabi and kharif crops separately. University scientists have given on radio 171 talks during 1985. Directorate has arranged talks in local dialect on Door Darshan, for farmers of the valley on different agricultural topics. Farm news are also telecast on doordarshan. Monthly workshops for the officers of the Department of Agriculture are held at different places where resource personnel discuss the crop situation and provide them advice for coming months. To train farmers, farm women and farm youth, Krishi Vigyan Kendra scheme has been instituted. Training courses are need based. Science clubs have been started in various schools. Two extension training centres are operating to impart training to agriculture functionaries. Field-cum-Laboratory Assistant's training programme has been started. Students also visit farmers for agricultural guidance.

Director Extension Education Shri M A Dar

FACULTY OF AGRICULTURE (College of Agriculture and Regional Research Station) Wadoora (Sopore) 193201 J & K

ESTABLISHMENT 1960

PHONE 270

MANAGEMENT University

GRAM Agricol
Sopore

DEAN Shri H M Tahir

ASSOCIATE DEAN Dr G M Khan (*Head*)

Course BSc (Agri)

Duration 4 years
(8 semesters)

Seats 60

Reservations Seats are reserved for SC/ST candidates and other class/categories as per rules. Seats are also reserved for inservice candidates and ICAR nominees.

Eligibility Age 17 years as on January 1. **Academic qualification** Higher Secondary Part I (10+1) exam with Sc subject of the J & K Board of School Edn with 50% (40% for reserved categories candidates) aggregate marks or equivalent. **Domicile** Candidates must be permanent residents of Jammu & Kashmir State.

Application form can be obtained from the Sher-e-Kashmir University of Agricultural Sciences & Technology, Srinagar 190001 on cash payment of Rs 5 or by post. Completed application should reach the univ by the notified date.

Selection Admission is made on the basis of marks obtained in the qualifying exam, interview and an entrance test. The test consist of two papers—one relating to Phy, Chem, Bio/Maths and the other to General Knowledge and Eng.

Fees Tuition fee Rs 60 per semester.

Scholarships ICAR Post-Matric scholarships to SC; Bad Pocket scholarships and State Govt scholarships to Gujjar students are available.

Hostels Seats for 168 boys and 32 girls. Residence is compulsory. Lodging Rs 50 per semester and boarding Rs 300 pm (approx).

Statistics (1985) Number of applications received about 1,000.

Heads of Departments *AgriI Engg* Shri Mathew Prasad *Agronomy* Shri S N Zutshi *Animal Husbandry* Dr A Makhdoomi *Econ & Stat* Dr M K Dhar *Entomology* Dr Sheikh A Gaffar *Extn Edn* Dr K N Muku *Horticulture* Shri M Hussain *Maths* Dr Sunder Singh *Plants Breeding and Genetics* Shri A H Banday *Plant Pathol* Dr A K Koul *Soil Sc* Dr S U Mir *Hostel Warden* Miss Nasreen Malik *Sr Library Asstt* Shri N A Koul.

FACULTY OF POSTGRADUATE STUDIES

Shalimar Campus, Srinagar 191121 (J & K)

MANAGEMENT University

PHONE 73459

DEAN Vacant

GRAM Agrisity

Courses MSc (Ag)

MVSc

PhD

} Proposed

BSc(Ag) degree holders with 55% marks in aggregate and 60% marks in the concerned discipline are eligible for MSc (Ag) course. Specialiations : Agronomy,

212 SHER-E-KASHMIR

Entomology, Plant Breeding & Genetics, Plant Pathol, Pomology. Duration 2 years (4 semesters).

Fees Tuition fee Rs 80 per semester.

Hostels Facilities not available.

General The MSc (Ag) degree course has been started in March 1986 and 18 inservice candidates from the university and the Department of Agriculture and Horticulture (J&K) Govt have been admitted in the first semester.) The admission for general students shall be conducted as and when instituted by the Academic Council.

FACULTY OF VETERINARY SCIENCES & ANIMAL HUSBANDRY

Baghi Ali Mardan Khan
Nowshera, Srinagar J & K

ESTABLISHMENT 1984

MANAGEMENT University

DEAN Dr M A Gafoor

Course BVSc & AH

Duration 5 years.
(9 semesters +
6 months
internship)

Seats 20

Eligibility Age 18-23 years as on January 1. **Academic qualification** Higher Secondary Part II (10+2) exam with Eng, Phy, Chem & Biol from J & K Board of School Education or equivalent with 50% (40% for reserved categories) marks.

Reservations

Domicile

Application Procedure

Selection

Scholarships

} Common details given in this chapter under
Faculty of Agriculture, Wazirpora (Sopore).

Fees Tuition fee Rs 60 per semester.

Hostels Residence is compulsory. Lodging Rs 50 per semester and boarding Rs 300 pm (approx).

Statistics (1986) Applications received 431.

Heads of Departments *Animal Sc* Dr G M Wani *Vety Sc* Dr A Rashid *Hostel Warden*
Dr Syed Sajjad Hussain *Junior Library Asstt* Miss Janifer Akhtar.

TAMIL NADU AGRICULTURAL UNIVERSITY

EXTENSION EDUCATION PROGRAMMES

The Directorate is primarily responsible for expeditious dissemination of latest technologies emanating from various research programmes. Six farm science centres under Krishi Vigyan Kendra are functioning at Coimbatore, Madurai, Trichy, Pondicherry, Vridhachalam and Kattupakkam. The KKV at Pondicherry serve as a forerunner for similar organisations, all over the country. These centres conduct intensive practical on-campus and off-campus training on scientific farming methodology for the benefit of farmers, rural youth, school teachers and drop-outs, extension workers and village artisans besides implementing developmental programmes like Lab to Land programme and village adoption under 20-point programme. Laying out multilocation trials on varieties and management practices, and compact block demonstrations, disseminating the farm innovations through various mass media, conducting farm field days, exhibitions, bringing out publications, folders, pamphlets, bulletins and rendering farm advisory services are some of the other important activities of these centres. The scientists of the five plant clinic centres at Vellore, Kancheepuram, Tirunelveli, Salem and Srivilliputhur periodically visit the farmers' holdings, identify the pest and disease problems and suggest suitable remedy. They also undertake pest and disease surveillance for the purpose of forecasting pest and disease outbreak. On-farm testing of cultures of various crops, management practices and plant protection methods is also done by these centres. The university organises target oriented demonstrations (rainfed and multiple cropping) under National Demonstrations Scheme for feasibility of achieving maximum output by following the recommended practices. Communications Centres serve as the nerve centres of the university in disseminating farm technologies through dailies, magazine, AIR, Doordarshan and publications. Latest technologies are taught to the farmers by offering 13 lessons broadcast. Impact of the course is assessed by inviting answers for questions on the subject. Contact programme is conducted to provide an opportunity for the participants to discuss with the scientists. More than 50 courses have been offered on different aspects of agriculture, horticulture, agricultural engineering, veterinary and animal sciences, fisheries, forestry, home science. Correspondance courses is another important form of distance learning programme wherein each course is conducted for a period of 3 months by mailing lessons. The participants are encouraged to answer the questions sent alongwith the lessons and a contact programme is organised at the end. 300 recorded cassettes on coconut and sericulture have been distributed to the farmers. The Lab to Land programme has adopted 3,500 farm families to render technological support, critical inputs like seeds, fertilisers, pesticides, implements, sheep, goats etc. The scientists take part in the monthly zonal workshops to assist the specialists in proper development of message for transmission to the farming community.

216 T N AGRI

Sc graduates should apply for Entrance test in a separate form to the Registrar of the Univ.

Selection is made on the basis of marks obtained in the qualifying exam and Common Entrance Test conducted by the notified authority (Anna University, Madras, 1985-86).

Fees Tuition fee Rs 50 and other fee Rs 61.50 per trimester.

Scholarships State Govt Scholarship, Merit scholarships, Backward Class and SC/ST scholarships.

Hostels Accommodation is available for 200 boys. Residence is compulsory. Lodging Rs 25.50 pm.

Heads of Departments *Agronomy* Dr A Mohamad Ali *Hostel Warden* Dr A Mohamad Ali.

AGRICULTURAL COLLEGE & RESEARCH INSTITUTE Coimbatore 641003

ESTABLISHMENT 1907

PHONE 35461

MANAGEMENT University

GRAM Farmvar

DEAN Dr K R Ramaswamy

Courses*	Duration	Seats
BSc (Ag)	4 years	132
BSc (Forestry)	4 years	20
MSc (Ag)		
PhD		

Request for application June

Last date 12 July

Reservations For *BSc (Ag)* SC/ST 40 seats Govt of India nominees 32 seats Tamil medium candidates 10 seats Sons of farmers 20 seats Physically handicapped 2 seats Repatriates from Burma and Sri Lanka 2 seats each Ex-servicemen 6 seats Sc Graduates 16 seats. For *BSc (Forestry)* SC/ST 3 seats Govt of India nominees 2 seats Sc Graduate 1 seat.

*Details relate to first degree courses

Eligibility
 Application Procedure
 Selection

} Common details given in this chapter under
 Agricultural College, Tirunelveli.

Fees Tuition fee Rs 50 per trimester.

Scholarships There are 31 different scholarships awarded by the State/Central Govt/ ICAR etc.

Hostels Residence is compulsory. Lodging Rs 25 per trimester & boarding Rs 300 pm.

Postgraduate Courses MSc (Ag) in Agril Econ, Agril Entomology, Agril Extn, Agril Marketing Mgt, Agril Microbiol, Agronomy, Crop Physiol, Farming System Mgt, Plant Breeding & Genetics, Plant Protection, Plant Pathol, Seed Tech, Soil Sc & Agril Chem, Sugarcane Production. **Duration** 2 years.

Research Studies PhD facilities are available in all PG disciplines except Agril Marketing Mgt, Farming System Mgt, Plant Protection, Sugarcane Production.

Heads of Departments *Agri* Dr K R Ramaswamy *Agril Engg* Dr V Subramaniam *Agril Marketing & Coop* Dr A Kandasamy *Animal Husbandry* Dr R Manickam *Entomology* Dr M Mohansundaram *Extn Edn* Dr G Perumal *Fisheries* Dr G Jegatheesan *Forestry* Dr M R Sivaram *Genetics & Plant Breeding* Dr S R Sree Rangaswamy *Horticulture* Dr Mohamed Abdul Khader *Microbiol* Dr G Obliswamy *Soil Sc* Dr G V Godhandaraman *Hostel Warden* Dr S P Palaniappen *Librarian* Shri K Balasubramanian.

AGRICULTURAL COLLEGE & RESEARCH INSTITUTE

Madurai 625104

ESTABLISHMENT 1965

PHONE 42451

MANAGEMENT University

DEAN Dr T Kumaraswami

Courses	BSc (Ag)	Duration 4 years	Seats 117
	MSc (Ag)		
	PhD		

Request for application After qualifying exam result

Last date As per notification

Reservations SC/ST 18% Seats are reserved for Backward Communities, Children of Ex-servicemen, Repatriates from Sri Lanka & Burma, Tamil Medium candidates, Government of India nominees, Sons of Farmers, Physically Handicapped, Science Graduates, Livestock Inspectors.

Eligibility

Application Procedure

Selection

}

Common details given in this chapter under
Agricultural College, Tirunelveli

Fees Tuition fee Rs 50 per trimester.

Scholarships Univ scholarships, ICAR scholarships, Scholarships to SC/ST/BC and scholarships awarded by Ford Foundation etc are available.

Hostels Residence is compulsory. Room rent Rs 15-30 per trimester.

Postgraduate Courses MSc (Ag) in Agril Econ, Agril Entomology, Agril Extn, Agril Chem, Agronomy, Plant Breeding & Genetics, Plant Pathol, Soil Sc, Horticulture, Food Sc & Nutrition. Duration 2 years.

Research Studies PhD facilities exist.

Heads of Departments *Agril Econ* Dr V Meenakshisundaram *Agril Engg* Shri S V Ramachandra *Agril Entomology* Dr M Gopalan *Agril Extn Edn* Dr M Muthiah *Agril Microbiol* Dr A Balasubramanian *Agronomy (Main)* Dr S Ramiah *Agronomy (Farm)* Dr S Purushothaman *Animal Husbandry* Dr V Lakshmipathi *Genetics & Plant Breeding* Dr G Soundarapandian *Horticulture* Dr K G Shanmugavalue *Plant Pathol* Dr V Mariappan *Soil Sc & Agril Chem* Dr A Gopalsamy *K V Kendra* Dr V S Subramanyan *Hostel Warden* Dr S Ramiah *Assistant Librarians* Shri L Vadivelu, Shri K Karuppagnani.

*Details relate to BSc (Ag) course

COLLEGE OF AGRICULTURAL ENGINEERING

Lawley Road (P O), Coimbatore 641003

ESTABLISHMENT 1972

PHONE 35461

MANAGEMENT University

GRAM Farmvar

DEAN Dr V Subramaniam

Courses* BE (Ag)	Duration 4 years	Seats 100
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ME (Ag)

Request for application June*Last date* 12 July

Reservations SC/ST 17 seats Govt of India nominees 10 seats Sons of farmers 5 seats Tamil medium candidates 1 seat Sc graduates 5 seats Repatriates from Burma/Sri Lanka 1 seat. Seats are also reserved for BC, vocational stream, physically handicapped and livestock inspectors.

Eligibility Age 16 years as on July 15. **Academic qualification** PUC/HSC (Academic) with 60% marks in Maths and 60% marks in Phy & Chem put together or HSC (vocational) with 6 % marks in Maths & Phy and 60% marks in relevant vocational subjects. Candidates must obtain 70% marks in the aggregate of qualifying exam. For SC/ST candidates a mere pass in the qualifying exam is sufficient.

Candidates from Vocational Stream will have to undergo 'Bridge Courses'/Special classes in deficient areas. BSc degree holders with Phy, Chem, Zool or Bot as the 'main' subject or BSc exam with App Phy, App Chem, App Zool or App Bot with 60% marks in the 'main' subject are also eligible provided they have studied the subjects Phy, Chem, Bot and Zool or Biol in their PUC/HSC or Biol or Chem or Econ and any one of the related vocational areas in HSC.

Application Procedure**Selection**

} Common details given in this chapter under
Agricultural College, Tirunelveli

Fees Tuition fee Rs 50 per trimester.

Scholarships Post-Matric scholarships for SC/ST/BC candidates, ICAR merit-cum-means scholarships, Univ merit scholarships are available.

Hostels Seats for 275 candidates. Residence is optional. Lodging Rs 32.50 per trimester & boarding Rs 350 pm.

*Details relate to BE (Ag) course

Postgraduate Courses ME (Ag) in Farm Power & Machinery, Post Harvest Tech & Bio Energy and Soil & Water Conservation Engg. **Duration** 2 years.

Heads of Departments *Agril Processing* Dr V V Sreenarayanan *Agril Structures* Prof K R Karai Gowder *Bio Energy* Prof K R Swaminathan *Farm Machinery* Prof R Karunanidhi *Maths* Dr C Suyambulingam *Soil & Water Conservation* Dr D Chandrasekaran *Zonal Research Centre* Prof R Manian *Hostel Warden* Shri R Karunanidhi *Librarian* Shri Balasubramaniam.

FACULTY OF HORTICULTURE

TNAU, Coimbatore 641003

ESTABLISHMENT 1972

PHONE 35461

MANAGEMENT University

DEAN Dr K G Shanmugavelu

Courses* BSc (Hort)	Duration 4 years	Seats 60
MSc (Hort)		
Diploma		

Request for application

After qualifying exam result

Last date

As per notification

Reservations SC/ST 18%. Seats are reserved for Backward Communities, Sons of farmers, Sc graduates, vocational stream students, Govt of India nominees, Repatriates from Burma/Sri Lanka.

Eligibility Age 15 years and 6 months as on July 15. **Academic qualification** PUC/ Higher Secondary (Academic stream) or equivalent with Chem, Phy, Biol or Bot & Zool with 60% marks in each subject and 70% aggregate marks in these subjects or Hr Sec exam (vocational stream) with 60% marks in Biol or Chem or Econ of vocational subjects with 70% aggregate marks. For SC/ST a mere pass in the qualifying exam is sufficient.

Application Procedure

Selection

}

Common details given in this chapter under Agricultural College, Tirunelveli

Fees Tuition fee Rs 50 per trimester.

*Details relate to BSc (Hort) course

Scholarships Univ merit scholarships, ICAR Junior/Senior Fellowships, Scholarships, to SC/ST/BC etc are available.

Hostels Residence is compulsory. Lodging Rs 15-30 per trimester.

Postgraduate Courses MSc (Horticulture) Duration 2 years.

Other Courses PG Diploma in Plantation Crops at Horticultural Research Station, Thadiyankudisai, Madurai Distt. Duration 2 years.

Research Studies PhD (Horticulture) facilities exist.

Heads of Departments *Olericulture/Pomology* Prof S Sundararajan *Floriculture/Spices and Plantation Crops* Dr J B M Md Abdul Khader *Dy Hostel Warden* Dr I Irulappan.

FISHERIES COLLEGE
Tuticorin 628008

ESTABLISHMENT 1977

PHONE 2150

MANAGEMENT University

DEAN Dr G Jegatheesan (*Incharge*)

Courses*	BFSc	Duration	4 years	Seats	20
	MFSc		(12 trimesters)		

Request for application June

Last date 12 July

Reservations SC/ST 3 seats Govt of India nominees 2 seats Backward Classes 9 seats and other categories.

Eligibility

Application Procedure

Selection

} Common details given in this chapter under Agricultural College, Tirunelveli

Fees Tuition fee Rs 150 and other charges Rs 204 pa.

*Details relate to BFSc course

222 T N AGRI

Scholarships ICAR merit scholarships, National scholarships, National Loan scholarships, SC/ST/Backward scholarships and Univ merit scholarships are available.

Hostels Seats for 80 boys. Residence is compulsory. Lodging Rs 32.50 per trimester.

Postgraduate Courses MFSc Duration 2 years.

Heads of Departments *Fish Culture & Breeding* Dr K Venkataramanujam *Fishery Tech* Dr G Jegatheesan, *Fishery Econ* Dr P Seevaraj *Hostel Warden* Dr G Jegatheesan *Library Asstt* Tmt F T Shanthy.

MADRAS VETERINARY COLLEGE

Vepery, Madras 600007

ESTABLISHMENT 1903

PHONE 31506

MANAGEMENT University

GRAM Vetdean

DEAN Dr P Kothandaraman

Courses* BVSc

Duration 4½ years

Seats 116

(including six

months

internship)

MVSc

PhD

Request for application

June

Last date

12th July

Reservations SC/ST 14 seats Govt of India nominees 12 seats Repatriates from Burma and Sri Lanka 2 seats and 1 seat. Candidates (Indian origin) from abroad 6 seats.

Eligibility

Application Procedure

Selection

} Common details given in this chapter under:
Agricultural College, Tirunelveli

Fees Tuition fee Rs 60 and other fee Rs 115 per trimester.

*Details relate to BVSc course

Scholarships Univ scholarships, ICAR scholarships, Scholarships to SC/ST/BC etc are available.

Hostels Seats for about 500 boys. Residence is compulsory. Boarding & Lodging Rs 350 pm (approx).

Postgraduate Courses MVSc in Anatomy, Animal Genetics & Breeding, Animal Nutrition, Dairy Microbiol, Dairy Sc, Livestock Production & Mgt, Meat Hygiene & Tech, Microbiol, Obst & Gynae, Parasitol, Pathology Pharmacol, Physiol, Poultry Sc. Preventive Med, Pub Health & Epidemiology, Surgery, Therapeutics Duration 2 years (6 Trimesters).

Research Studies PhD facilities exist.

Heads of Departments *Agronomy* Dr N Sankaran *Anatomy* Dr V K Sheshadri *Animal Disease Investigation & Control* Dr P Mahalingam *Animal Genetics & Breeding* Dr V Ulaganathan *Animal Husbandry Econ* Dr R Prabhakaran *Animal Nutrition* Dr S Shanmugasundaram (*Incharge*) *Clinics* Dr P A Balu *Communication Centre* Dr K N Nazeer Ahmad Khan *Dairy Sc* Dr V Ulaganathan (*Incharge*) *Extn* Dr C A Gopalakrishnan *Laboratory Animal Med* Dr E S Venkatesan *Livestocks Production Mgt* Dr S Shanmugasundaram *Meats* Dr R Ramamurthy *Microbiol & Biochem* Dr P Richard Masillamony *Obst & Gynae* Dr S A Quayam *Parasitol* Dr (Smt) C M Lalitha *Pathol* Dr P Mahalingam (*Incharge*) *Pharmacol* Dr R Natarajan *Physiol* Dr R Govindarao (*Incharge*) *Poultry Sc* Dr I Alfred Jayaprasad *Preventive Med* Dr N Raghavan *Stat* Dr R Venkatesan *Surgery* Dr Godfrey David *Therapeutics* Dr P A Balu (*Incharge*) *Hostel Warden* Dr V Ulaganathan *Librarian* Smt Lalitha Frederick.

ETERINARY COLLEGE & RESEARCH INSTITUTE

Namakkal 637002 Tamil Nadu

ESTABLISHMENT 1985

MANAGEMENT University

SPECIAL OFFICER Dr M P Arumugam

Course BVSc	Duration 4½ years (including six months internship)	Seats 80
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Request for application June

Last date 12 July

224 T N AGRI

Reservations SC/ST 11 *seats* Govt of India nominees 8 *seats*.

Eligibility
Application Procedure
Selection

} Common details given in this chapter under
Agricultural College, Tirunelveli

Fees Tuition fee Rs 60 and other fee Rs 115 per trimester.

Scholarships University scholarships, ICAR scholarships, Scholarships to SC/ST Backward Class are available.

Hostels Accommodation is available for about 100 students. Residence is compulsory. Boarding & Lodging Rs 350 pm approximately.

UNIVERSITY OF AGRICULTURAL SCIENCES

EXTENSION EDUCATION PROGRAMMES

The University have integrated the functions and laid down that there is no distinction between teaching, research and extension. Scientists are encouraged to take up extension work which should result in culmination of research efforts undertaken by them. The farm advisory service provides technical assistance through communication and by advisory visits to the farmers' fields. Six extension education units have been established near regional research stations for conducting field extension work. In each unit, extension guides have been provided. Each extension guide has one taluk as his jurisdiction. They are equipped with motor-cycles for quick mobility. The extension guides are supported by a team of specialists. The project involves trials and demonstrations, helping extension functionaries and practice new technology to assist the progressive farmers. Selected farmers are enrolled with whom the university scientists work for 3-4 years to assist them in allround development of their farmers. Block demonstration is a mini village adoption programme for organising educational meetings, conducting bench-mark survey, staging method demonstration to overcome the problems. The research scientists are available to know and solve farmers problems. Field days are organised by the research stations for benefit of farmers and extension workers to show the ongoing research programmes. Monthly workshops are organised for training of extension workers. Farmers Training Institute and Krishi Vigyan Kendras have been established for farmers training. A small bakery training unit is functioning at Dharwad. It offers 20-weeks training at Bangalore and short courses of 3-4 days duration particularly meant for women. The three phases of the Lab to Land programme have enrolled 7,645 farm families for transfer of improved agricultural technology.

Director of Extension Dr K A Jalihal

AGRICULTURAL ENGINEERING INSTITUTE

P B No 24, Raichur 584101

ESTABLISHMENT 1969

PHONE 8652

MANAGEMENT University

PRINCIPAL Dr N L Maurya

Course Dip in Agril Engg **Duration** 3 years **Seats** 24

Request for application June

Last date July

Reservations Seats are reserved for SC/ST, children of defence personnel, Ex-servicemen, freedom fighters, Backward Classes and special group of citizens.

Eligibility Secondary School Leaving Certificate exam from Karnataka Secondary Education Board or its equivalent with 50% marks in Phy, Chem and Maths. In case of SC/ST candidates a mere pass is sufficient.

Domicile Candidates who have studied in any educational institution in Karnataka for five years prior to the date of admission. Domicile concessions are allowed to children of defence personnel, employees of Govt corporations in service for 24 months, State Govt employees/All-India service (Karnataka) who are serving or have served outside Karnataka and to similar other categories provided such employees declared to their employers any place in Karnataka to be his home town.

Application form and prospectus can be obtained from the Registrar, University of Agricultural Sciences, GKVK, Bangalore 560065 or from the Principal of the Institute on payment of Rs 5 (Re 1 for SC/ST/BT candidates) through crossed IPO in favour of UAS, Bangalore by sending a self-addressed stamped (Rs 1.90) envelope of 9" x 6". Completed application should reach the univ or the Institute by the notified date.

Selection is made on the basis of marks obtained in the qualifying exam and the interview held for the purpose. Weightage is given to sportsmen and candidates whose parents/guardians (if parents are not alive) profession is actual cultivation including Agricultural Labour/Poultry Farming/Livestock Farming/Fishing/Sericulture/Village Artisans.

Fees Rs 199 pa.

Scholarships Univ merit scholarships, general scholarships, Govt of India Post-Matric scholarships besides fee studentship are available.

Hostels facilities available for 60 candidates.

Statistics (1985) Number of applications received 154.

Special Features Educational tour, infield/inplant training for 3 months with a stipend of Rs 300 is compulsory.

Heads of Departments *Farm Machinery* Prof N B Naravani *Soil and Water Mgt* Prof K C Chaturbhujanathaiah *Hostel Warden* Dr Manohar N *Librarian* Shri Mohan Rao.

**COLLEGE OF AGRICULTURE AND REGIONAL
RESEARCH STATION
Krishinagar, Dharwad 580005**

ESTABLISHMENT 1947

PHONE 80193

MANAGEMENT University

GRAM Agrisearch

DIRECTOR Dr R K Hegde (Incharge)

Courses*	Duration	Seats
BSc (Agril)	4 years	100
BSc (Agril, Markt & Coop)	each	25
BSc (Forestry)		20
MSc		
MSc (Agri)		
PhD		

Request for application July

Last date August

Reservations Seats are reserved for SC/ST, Backward communities, Agriculturists/ their children, special groups, Children of Defence personnel, ex-servicemen, freedom fighters, ICAR/Govt of India nominees.

Eligibility Academic qualification 2-year Pre-univ exam of the Karnataka Pre-Univ Board or equivalent with Phy, Chem, Maths & Biol with 55% marks or with any three of Phy, Chem, Maths, Bot, Zool, Biol and Agri. However, those candidates who have offered the combination of subjects other than Phy, Chem, Maths & Biol may have to study the prescribed remedial courses and hence may require longer duration to complete the degree programme.

*Details relate to first degree courses

Domicile Candidates who have studied in any educational institution in Karnataka for five years prior to the date of admission. Domicile concessions are allowed to children of defence personnel, employees of Govt corporations in service for 24 months, State Govt employees/All-India Service (Karnataka) who are serving or have served outside Karnataka and to similar other categories provided such employees have declared to their employers any place in Karnataka to be his home town.

Application form and prospectus can be obtained from the Registrar, University of Agricultural Sciences, GKVK, Bangalore 560065 by sending IPO of Rs 15 (Rs 5 for SC/ST/BT candidates) in favour of the Univ alongwith self-addressed stamped (Rs 1.90) envelope of 9" x 6" size. Completed application should reach the univ by the notified date. Candidates of other States may apply through their respective State Govts. Foreigners may apply through ICAR, Krishi Bhavan, New Delhi.

Selection is made on the basis of marks obtained in the qualifying exam and the interview. Weightage is given to the candidates whose parents/guardians (if parents are not alive) profession is actual cultivation including agricultural labour/poultry farming/live stock farming/fishing/sericulture and to sportsmen/women.

Fees Tuition fee including Lab fees Rs 50 per trimester.

Scholarships Univ Merit scholarships, General scholarships, free studentships are available.

Hostels facilities are available. Room rent Rs 10 pm.

Postgraduate Courses MSc (Ag) in Agril Bot (Crop Physiol and Plant Breeding & Genetics), Agril Entomology, Agronomy, Horticulture, Plant Pathol, Seed Tech, Sericulture, Soil & Water Conservation Engg, Soil Sc. MSc in Agril Econ, Agril Extn, Agril Microbiol. Duration 2 years.

Research Studies PhD facilities are available.

Special Features NCC/Physical Culture Training and educational tours are integral part of an academic programme.

Heads of Departments *Agril Bot/Genetics & Plant Breeding* Dr J V Goud *Agril Econ* Dr K C Hiremath *Agril Engg* Sri R Ramaiah *Agril Entomology* Dr P Shivaramarai *Agril Extn* Dr M B Channegowda *Agril Marketing & Co-op* Sri S C Hiremath *Agril Microbiol* Dr T K Ramachandrareddy *Agronomy* Dr L A Dixit *Animal Husbandry/Sc* Dr M D Harapanahalli *Crop Physiol* Dr Y C Panchal *Forestry* Sri A M Chandrashekharaiah *Horticulture* Dr U G Nalawadi *Plant Pathol* Dr R K Hegde *Seed Tech* Dr G N Kulkarni *Sericulture* Dr R Govindan *Soil Sc* Dr H P Achar *Very Sc* Dr K R Lakshmaiah *Hostel Warden* Sri H S Sadat *Ali Khan Librarian* Sri K T Somasekhar.

COLLEGE OF AGRICULTURE

Hebbal, Bangalore 560024

ESTABLISHMENT 1946

PHONE 365383

MANAGEMENT University

GRAM Univagris

DIRECTOR Dr R Ramanna

Courses*	Duration	Seats
BSc (Agri)	4 years each	200
BSc (Agril Marketing & Coop)		25
BSc (Horticulture)		40
BSc (Sericulture)		25
BSc (Forestry)		20
MSc		
MSc (Agri)		
MSc (Horticulture)		
PhD		

Request for application

July

Last date

August

Reservations

Eligibility

Domicile

Application Procedure

Selection

} Common details given in this chapter under
College of Agriculture & Regional Research
Station, Dharwad.

Fees Tuition including lab fee Rs 50 per trimester.

Scholarships Univ merit scholarships, general scholarships besides free studentship are available.

Hostels facilities are available. Room rent Rs 10 pm.

Postgraduate Courses MSc in Agril Biochem, Agril Econ, Agril Extn, Agril Microbiol. MSc (Agri) in Crop Physiol, Plant Breeding & Genetics, Agril Entomology, Agronomy Horticulture, Plant Pathol, Sericulture, Soil Sc. MSc (Horticulture) **Duration** 2 years.

*Details relate to undergraduate courses

Research Studies PhD facilities exist. Following are the recognised institute for doing research work (1) Central Sericultural Research Institute, Mysore (2) Central Coffee Research Institute, Balehonnur (3) Central Food & Technological Research Institute, Mysore and (4) Central Plantation Crops Research Institute, Appangala.

Heads of Departments *Agril Econ* Dr R Ramanna *Agril Engg* Shri Arun Serpeshkar *Agril Marketing and Coop* Dr P G Chengappa *Agronomy* Dr G V Havanagi *Crop Physiol* Dr M Udayakumar *Entomology* Dr T S Thontadarya *Extn Edn* Dr M K Sethu Rao *Food Sc* Dr (Mrs) M P Vaidehi *Forestry* Dr K V Bhaskar *Genetics & Plant Breeding* Dr G Shivashankar *Horticulture* Dr K M Bojappa *Mircobiol* Dr P V Rai *Plant Pathol* Dr K G H Shetty *Seed Tech* Dr M Mahadevappa *Sericulture* Dr M C Devaiah *Soil Sc* Dr R Siddaramappa *Hostel Warden* Dr K C Devaraja Urs.

COLLEGE OF AGRICULTURE Raichur 584101

ESTABLISHMENT 1984

PHONE 8378

MANAGEMENT University

DIRECTOR Dr A S Hadimani

Course BSc (Agri)

Duration 4 years

Seats 30

Request for application June

Last date July

Reservations

Eligibility

Domicile

Application Procedure

Selection

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} Common details given in this chapter under College of Agriculture & Regional Research Station, Dharwad

Fees Tuition fee Rs 50 per trimester.

Scholarships Univ merit scholarships & general scholarships, loan scholarships of Rs 1,000 pa and free studentship are available.

Hostels facilities are available. Room rent Rs 10 pm.

VETERINARY COLLEGE
Post Box No 6 Bidar 585401 Karnataka

ESTABLISHMENT 1984

PHONE 30

MANAGEMENT University

DIRECTOR Dr R V Patil (*Incharge*)

Course BVSc

Duration 5 years

Seats 30

Request for application

August/September

Last date

September or as per
Advertisement

Reservations

Eligibility

Domicile

Application Procedure

Selection

} Common details given in this chapter under College
of Agriculture & Regional Research Station,
Dharwad

Fees Tuition fee Rs 50 per trimester, a sum of Rs 418 is payable at the time of admission.

Scholarships Scholarships etc are available.

VETERINARY COLLEGE
Hebbal, Karnataka

ESTABLISHMENT 1957

MANAGEMENT University

DIRECTOR Dr A V Rai (*Incharge*)

Courses*	BVSc	Duration 5 years	Seats 120
	BSc (Dairy Tech)	4½ years	
	MVSc		
	MSc		
	MSc (Dairy Tech)		

Request for application July

Last date August

Eligibility Academic qualification For BVSc 2 year Pre-univ exam of the Karnataka Pre-Univ Board or equivalent with Phy, Chem, Maths & Biol with 55% marks or with any three of Phy, Chem, Maths, Bot, Zool, Biol and Agri. However, those candidates who have offered the combination of subjects other than Phy, Chem, Maths & Biol may have to study the prescribed remedial courses and hence may require longer duration to complete the degree programme. For BSc (D T) 2-year P U C with combination of Phy, Chem, Maths and Biol only.

Reservations

Domicile

Application Procedure

Selection

} Common details given in this chapter under College of Agriculture & Regional Research Station, Dharwad

Fees Tuition fee Rs 50 per trimester.

Postgraduate Courses MVSc in Animal Genetics & Breeding, Animal Nutrition, Pharmacol, Vet Anatomy, Vet Gynae & Obst, Vet Med, Vet Microbiol, Vet Parasitol, Vet Pathol, Vet Physiol. MSc (DT) in Dairy Chem, Dairy Microbiol, Dairy Tech. MSc in Poultry Sc. Duration 2 years.

Research Studies PhD facilities are available.

Special Features Study tours, NCC/Physical culture training are compulsory.

*Details relate to undergraduate courses

VISVA-BHARATI

INSTITUTE OF AGRICULTURE

(Palli Siksha Bhavana)

P O Sriniketan, Birbhum 731236 West Bengal

ESTABLISHMENT 1963

PHONE Bolpur-279

MANAGEMENT University

PRINCIPAL Dr Dilip Kumar Majumdar

Courses*	BSc (Ag) Hons	Duration 4 years	Seats 25
	MSc (Ag)		
	PhD		

Reservations SC 15% ST 7.5%.

Eligibility Age 17 years. **Academic qualification** Higher Secondary (10+2) exam or equivalent with 50% marks in Phy, Chem, Maths, Life Sc/Agronomy subjects, and 55% marks in High School (relaxable by 5% for SC/ST/sports candidates). Candidates should be medically fit.

Application form can be obtained from the Adhyaksha (Principal), Palli Siksha Bhavana (Institute of Agriculture) on cash payment of Re 1 or by sending a crossed IPO of Re 1 payable to the Registrar, Visva-Bharati at Santiniketan P O and a self-addressed stamped (Re 1) envelope of 23 × 10 cm.

Selection is made on the basis of an entrance test and interview. The test consists of a written paper of 1½ hours duration and comprises Phy, Chem, Maths, Life Sciences/Agri, Eng & General Knowledge.

The course commences in August.

Fees Tuition fee Rs 10 pm and other fee Rs 108 pa.

Scholarships National/National Loan scholarships, Univ stipend & freestudentships, Postmatric scholarships to SC/ST candidates, P & T Department scholarships are available.

Hostels Seats for 136 candidates. Residence is compulsory. Lodging Rs 5 pm.

*Details relate to BSc (Ag) course

Postgraduate Courses MSc (Agri) in Agronomy. **Duration** 2 years (4 semesters).

Research Studies PhD facilities are available.

Special Features Special practical training in Agriculture and dairy farm and village field work are integral elements of the course. NCC/NSS/Physical Education is compulsory.

Extension Activities The Institute undertakes field and extension programmes aimed at transfer of technologies. Teaching, research and extension activities are interwoven. Teachers and students participate in extension activities in 25 adopted villages around Sriniketan. Training camps for farmers and field clinics are organised periodically.

Heads of Departments *Agri* Prof Dilip Kumar Majumdar *Hostel Warden* Dr K M B Rahim *Librarian* Shri Nirmal Chakraborty.

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