



**Acharya Narendra Deva University of
Agriculture and Technology, Kumarganj,
Ayodhya-224 229 (U.P.), India**



3.1.5 Institution has the following facilities to support research

<https://www.nduat.org/Doc/NAAC/3.1.5%20photos.pdf> Photos

<https://www.nduat.org/Doc/NAAC/3.1.5%20Video%207.mp4> Video Animal House

<https://www.nduat.org/Doc/NAAC/3.1.5%20Video%201.mp4> Instructional Fish Farm

<https://www.nduat.org/Doc/NAAC/3.1.5%20Video%206.mp4> Video Statistical Database

<https://www.nduat.org/Doc/NAAC/3.1.5-Video-5.avi> Video Art Gallery

<https://www.nduat.org/Doc/NAAC/3.1.5%20Video%208.mp4> Central Instrumentation Facility

<https://www.nduat.org/Doc/NAAC/3.1.5%20Video%209.mp4> Central Instrumentation Facility

Museum



**Acharya Narendra Deva University of Agriculture and
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India**



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3.1.5: Institution has the following facilities to support research

1. Central Instrumentation Centre
2. Animal House/ Green House
3. Museum
4. Media Laboratory/ Studio
5. Business Lab
6. Research/ Statistical Databases
7. Theatre
8. Art Gallery

1. **Central Instrumentation Lab:** The University has several Central Instrumentation Labs. The facility was developed with the aim to conduct the research activities including the research activity of Master's and Ph.D. scholars. The facility also used to conduct practical classes of the undergraduate and postgraduate students.

कृषि महाविद्यालय
आचार्य नरेन्द्र देव कृषि एवं
प्रौद्योगिक विश्वविद्यालय, कुमारगंज,
अयोध्या-224 229 (उ.प्र.), भारत



College of Agriculture
Acharya Narendra Deva
University of Agriculture &
Technology, Kumarganj,
Ayodhya-224 229 (U.P.),
India

Central Instrumentation Laboratory

College of Agriculture, A. N. D. University of Agriculture and Technology,
Kumarganj, Ayodhya

College of Agriculture at main campus of the University has a Central Instrumentation Laboratory. It houses some of the common instruments required for conducting experiments for practical classes of U.G. courses and research work of P.G. and Ph.D. students. Faculty members of different departments at the college of Agriculture also use the various instrumentation facilities located in the central instrumentation lab.

The following Instruments/Equipments are available in the Central Instrumentation Laboratory at College of Agriculture:

S.No.	Name of the Instrument/Equipments	Quantity
1	UV-Visible Spectrophotometer	2
2	Kjeltec Autoanalyser and Nitrogen Distillation Apparatus	2
3	Water Distillation Unit	1
4	Water Double Distillation Apparatus	2
5	Bright Field Compound Microscope	20
6	Infrared Thermometer "Fluke Make"	1
7	Interactive Board with Projector and podium	1
8	pH cum EC meter	2
9	Conductivity Meter	2
10	Water Bath	2
11	Millipore Water Purification	1
12	Leaf Area Meter	1
13	Hot Air Oven	1
14	HPLC	1
15	Turbidity meter	1
16	Refrigerator	1

Dean

College of Agriculture
A.N.D.Uni.Agric.& Tech.
Kumarganj, Ayodhya

**College of Veterinary Science & Animal Husbandry
Acharya Narendra Deva University of Agriculture & Technology Kumarganj
Ayodhya 224 229**

Central Instrumentation Facility Center

The College of Veterinary Science & Animal Husbandry has well equipped Central Instrumentation Lab; used for research and course purposes by faculty and students of the college.

The Central Instrumentation lab has following equipments/ instruments—

1. GC-MAS
2. HPLC
3. -80 Deep Freezer
4. Gradient PCR
5. Electrophoresis Apparatus
6. Refrigerated centrifuge
7. Electronic Balance
8. Bio Safety Cabinet
9. ICP-OES
10. Blood Auto analyzer


04/07/22

DEAN

College of Veterinary Science & Animal Husbandry
ANDUAT Kumarganj Ayodhya
DEAN
College of Vety. Science & Tech
M.D.U.A.&T. Kumarganj, Faizabad

COLLEGE OF FISHERIES
Acharya Narendra Deva University of Agriculture & Technology, Kumarganj,
Ayodhya

No.ANDUAT-56/COF/ 149

Dated: 5/7/22

To
 The Director Extension
 ANDUAT, Kumarganj
 Sir,
 Central Instrumentation Centre College of Fisheries have well equipped central Instrumentation laboratory used for research and course purposes by faculty and students of the college.

List of instruments

Sl. N	Name	Instrument No
1.	pH/ TDS/DO meter	02
2.	Water quality analyzer	02
3.	Hot air oven	1
4.	Muffle furnace	1
5.	Autoclave	1
6.	Laminar flow	1
7.	Digital balance	2
8.	BOD incubator	1
9.	Bio-chemistry analyzer	1
10.	Soil testing Kit	1
11.	Centrifuge	1
12.	Microscope with camera	1
13.	Compound microscopes	04
14.	Deep Freezer vertical and Horizontal	1
15.	Distilled water Unit	1
16.	Feed ingredients grinder	1



28/10
 05-07-2022
 Dean
 DEAN
 College of Fisheries
 ANDUAT, Kumarganj, Ayodhya (U.P.)

2. Animal House

The University has animal houses for cattle, poultry, goat-sheep and pig. The main purpose of these facilities is to provide the practical knowledge to the students about the maintenance and proper care of animals. At present, total 149 cattle, 51 buffalo, 97 sheep and goat, 21 pigs; and 676 poultry birds are present at Livestock Farm Complex. The facility is used for proper housing and management of animals. The facilities are essential to animal well-being, to the quality of research data and teaching or testing programmes in which animals are used, and to the health and safety of personal.

Fish Farm

A modern Instructional Fish Farm is running under the aegis of College of Fisheries, ANDUAT, Kumarganj, Ayodhya. This modern fish farm is serving the purpose of imparting national standards fisheries education to the students, researchers and extension services. Fish farm is endowed with 6 ha of total area including 3.65 ha water area. Fish Farm have also demonstration unit for Integrated fish farming units, Paddy-cum-fish farming, Vegetable-cum-fish farming, Makhana-cum-fish farming etc. An ornamental fish unit is also developed at college for demonstration and training purpose.

Green House

Green House has been established at Main Experiment Station of Horticulture farm of this university, where indeterminate cultivars of vegetable crops like tomato, capsicum, cucumber and fruit crops such as strawberry and dragon fruits are cultivated during off-season. It is also used for raising the high-tech nursery management of fruits, vegetables and flowers. The facility also enhances the skill development of the students towards protected cultivation through practical classes.

3. Museum

The university has an educational museum which was established in the year 2013. The purpose of the museum is to collect, preserve, interpret and display objects of artistic, cultural or scientific significance for the education of the students, farmers and public.

4. Media Laboratory/ Studio

The Media Laboratory of the University is established on 25th September, 2008. The main purpose of the media lab is the dissemination of knowledge, technology and new interventions in agriculture and allied sciences. The recordings of the expert talk is broadcast through radio. The facility is also provide platform to the farmers.

5. Business Lab

The primary purpose of the lab is to offer an active learning environment which encourages students to become independent learners. Students may use the lab to study practice skill and work on assignments.

6. Research/ Statistical Database

With the advent of computer era and Information Technology (IT), the first Agricultural Research Information System (ARIS) cell was established in the Department of Agricultural Statistics during the year 1996. The ARIS cell is well-equipped with computers having LAN/WiFi connectivity. In the subsequent year 2003, another ARIS cell-cum-Computer lab named as ARIS Lab-II was established in the Department for providing up-to-date knowledge of Information and Communication Technology (ICT) to the students.

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Research/ Statistical Database/ Agricultural Research Information System (ARIS)

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ARIS Lab-II as a statistical database was inaugurated by Dr. Gurdev S. Khush, Visiting Professor, University of California, Davis, USA, Consultant, IRRI Philippines in the benign presence of Prof. B.B. Singh, Ex Vice-Chancellor on March 07, 2003.

This facility supports for Teaching, Research and Extension to the University.


(Ved Prakash)

Head, Agril. Statistics

7. Theatre:

The University has established Operation theatre for small and large animals. The facility is used for the operation of large animals like cattle, buffalo; small animals like sheep, goat, pig; pet animals like canine, feline; laboratory animals like rabbit, rat, guinea pig, mice and wild animal surgery. The amphitheatre is used for physical examination and demonstration of different practical aspects on the animals to the students. The facility is also used to conduct the practical classes of students for better understanding about the body parts of the animals and also for the diagnosis of the problems.

8. Art Gallery

The art gallery was developed to provide opportunities and recognition to the artistic production of the students and faculty. The gallery will help to promote traditional, contemporary and innovative art practices.