



आर्यभट्ट ज्ञान विश्वविद्यालय
ARYABHATTA KNOWLEDGE UNIVERSITY

ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

(State University Estd. By Bihar Act 24, 2008)



PROSPECTUS

M.SC NURSING, BASIC B.SC NURSING AND POST BASIC B.SC NURSING

AKU Nursing Admission Test (**ANAT 20xx**) is conducted for admission to M.Sc. Nursing, Basic B.Sc Nursing and Post Basic B.Sc. Nursing Program offered at different affiliated college under the Aryabhatta Knowledge University, Patna. Applications are invited from eligible candidates for admission into Basic B.Sc Nursing and Post Basic B.Sc. Nursing Program for the **Academic Year 20xx- 20xx**.

PROSPECTUS

M.SC NURSING, BASIC B.SC NURSING AND POST BASIC B.SC NURSING

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About University

Introduction

Aryabhatta Knowledge University (Amendment) Act, 2021 provides to establish and incorporate a University to achieve excellence in teaching, to promote and augment research in Professional Education and new frontiers of learning and knowledge and to conduct and facilitate affiliation of institutions set up by the State Government or Trust or Society in the fields of Nanotechnology, Astronomy, Environmental Science and Climate Change, River Studies, Economics, Journalism and mass Communication, Geographical Studies, Non-Conventional Energy, Art and Culture, Philosophy, Stem Cell Technology, Archaeology and Curatorial Studies and others.

About Us

Aryabhatta Knowledge University (AKU), Patna has been established by Government of Bihar for the development and management of educational infrastructure related to technical, medical, management and allied professional education in the state. The objective of the university is to promote the professional education infrastructure to meet the national standard through well advanced course, infrastructure and quality faculty. Bihar lacks in the infrastructure both in the terms of number of institutions and the quality of education. As a result Bihar state has become the major hub of students migrating to the others states for pursuing their education and carrier building for future growth.

Guidelines for Admission

The Online application form has to be filled on University website: <http://akubihar.ac.in> | www.akuexam.net.

Eligibility & Important Instruction for Admission

For M.Sc Nursing

- 1. The candidate should be a Registered Nurse and Registered midwife or equivalent with any State Nursing Registration Council.***
- 2. The Minimum education requirements shall be the passing of: B.Sc. Nursing/B.Sc. Hons. Nursing/Post Basic B.Sc. Nursing with minimum of 55% aggregate marks.***
- 3. The candidate should have undergone in B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing.***
- 4. Minimum one year of work experience after Basic B.Sc. Nursing.***
- 5. Minimum one year of work experience prior or after Post Basic B.Sc. Nursing.***

For Basic B.Sc Nursing

- 1. A candidate should have passed in the subjects of Physics, Chemistry, Biology (PCB) and English Core/ English Elective and must have obtained a minimum of 45% marks taken together in PCB at the qualifying examination (10+2) from the recognized board under AISSCE / CBSE / ICSE / SSCE / HSCE or other equivalent board.***
- 2. Candidates are also eligible from State Open School recognized by State Government and National Institute of Open School (NIOS) recognized by Central Government having science subjects and English only with 45% marks.***
- 3. English is a compulsory (Core/Elective) subject in 10+2.***
- 4. Candidate shall be medically fit. However, Colour Blind candidates should be considered for admission to Nursing Courses subject to the condition that Colour corrective contact lens and spectacles are worn by such candidates.***
- 5. Candidate shall be admitted once in a year.***

6. *The minimum age for admission shall be 17 years on 31st December of the year in which admission is sought.*

For Post Basic B.Sc. Nursing

1. *Passed the Higher Secondary or Senior Secondary or Intermediate or 10+2 or an equivalent examination recognized by the university for this purpose. Those who have done 10+1 in or before 1986, will be eligible for admission.*
2. *Obtained a certificate in General Nursing and Midwifery (GNM) and registered as R.N.R.M. with the State Nurses Registration Council. A male nurse, trained before the implementation of the new integrated course besides being registered as a nurse with State Nurses Registration Council, shall produce evidence of training approved by Indian Nursing Council for a similar duration in lieu of midwifery in any one of the following areas:*
 - *O.T. Techniques*
 - *Ophthalmic Nursing*
 - *Leprosy Nursing*
 - *TB Nursing*
 - *Psychiatric Nursing*
 - *Neurological and Neuro surgical Nursing*
 - *Community Health Nursing*
 - *Cancer Nursing*
 - *Orthopedic Nursing*
 - *Candidates shall be medically fit.*
 - *Students shall be admitted once in a year.*
3. *Candidate must complete 6 month of internship.*
4. *The Maximum age for admission shall not be Greater than 50 years on 31st December of the year in which admission is sought.*
5. *Candidate must be registered under any STATE NURSES REGISTRATION COUNCIL and bear Registration Number.*

Note:

- *Appearing Candidates may also apply for the ANAT 20xx with the condition that “their result must be announced before the date of admission announced by the university” else his/her candidature will be cancelled automatically without any information.*
- *No applicant shall be admitted, who has not applied for the admission within notified time or who, on being selected for admission, does not get himself admitted within the specified time, except where the delay has been condoned by the Competent authority.*
- *The reservation in seats shall be given as per the rules of the Government of Bihar.*

- Relaxation in the qualifying marks in favour of the reserved categories shall be as per the rules of the State Government.
- **Candidates belong to other than Bihar State shall not be given benefits of reservation policies. They will be treated as a candidate of general category.**
- Online filled forms with required documents shall be submitted only before the Last date to apply online application form University will not be held responsible for any Late submission.

Instruction

The online application form is required to be filled in **CAPITAL LETTER** (except signature) using Where information is required to be filled in boxes, write names in **CAPITAL LETTERS**, leave one blank between first and middle name and also between middle name and last name or initials of names. Your name, Father's name, Mother's name and Date of Birth in the online application form should exactly be the same as mentioned in the High School/Class X certificate. **Any discrepancy, when ever found, may lead to the cancellation of your candidature.**

Note:

- 1. Your Application Forms will not be considered if not accompanied by appropriate Certificates & Documents or received after the last date of submission.**
- 2. Incomplete application due to any reason is liable for rejection by The Registrar, Aryabhatta Knowledge University. The department is not responsible for postal delay, if any.**

Before posting the online application please ensure that

- You have read and understood all the instructions/information given in the Prospectus and given online instruction carefully.
- You have completed the application and submit the online form as per given instructions. Incomplete application forms shall not be entertained.
- You have enclosed self-attested copies of all certificates and documents as required. After verification if it is found that the certificates and documents submitted by the candidate are fake, his/her admission shall be cancelled and fee deposited will be forfeited and legal action may be initiated against the candidate.
- You have to mention the Acknowledgement No / UTR Number / Online Payment detail in online application form
- You have indicated your correct STD code and Phone No. / Mobile No.
- You have to mention your correct e-mail address.
- You have to mention your correct Aadhaar Number.

Important Considerations While Applying

In no case original documents are sent along with the printed online application form, only attested copies of the documents should be enclosed. **However, at the time of admission the following documents will be required in original, along with their attested photo copy for verification. Original documents will be returned to the candidate immediately after verification and comparison.**

- In case the marks statement is not produced by the candidates at the time of admission the decision of the Aryabhatta Knowledge University regarding his/her eligibility and admission to the programme shall be final.

- The candidate selected for admission must pay the required/prescribed fees, in full at the time of admission.
- There is no provision of exemption of course fee & other charges for any category of candidates.
- Candidates are advised to retain a copy of the payment for personal use and record.
- No refund of course fee & other charges is allowed for any reason and in any case.
- Ensure the correctness of your Mailing address, Pin code, E-mail, Telephone/Mobile No. The University will not accept any responsibility for any postal delay/irregularity or loss in postal transit.
- It is the responsibility of the candidates to ascertain whether they possess the requisite qualification for admission. Having been called for the written test/ counselling does not necessarily mean acceptance of the eligibility.
- **After due date application form shall not be accepted.**
- The admission offered to a candidate who has been provisionally admitted to the programme will stand cancelled if he/she does not submit the original relevant documents to the admission in-charge at the time of admission.
- Admission to M.Sc. Nursing / Basic B.Sc Nursing / Post Basic B.Sc Nursing programme will however be subject to verification of facts from the original certificates/documents of the candidates. In case of any discrepancy, even at later point of time after admission, the University reserves all right to cancel the candidate's admission and this decision shall be final.
- Anyone who is already in employment (either whole times or part timer or in honorary capacity shall not be admitted to the Basic M.Sc. Nursing / B.Sc Nursing / Post Basic B.Sc Nursing (Regular) course without taking leave from the employer for full academic session.

Reservation

- Reservation of seats for the candidates of reserved categories will be as per State Government's rules/ A.K.U. rules for admission in other Degree courses. In any case, the percentage of reservation fixed by the State Government will exceed.

Criteria for admission

- Selection of candidates shall be made strictly as per rules of the University/Department. For result visit on our website: www.akubihar.ac.in | www.akuexam.net
- The reservation policy of the State Government of Bihar (for educational institutions) and the University rules will be followed.
- No candidate can claim admission as matter of right.
- Selected candidates will be informed about their selection through website or by notice board in the Dept. of Education/Authorised colleges.
- The candidate will have to produce the selection letter and all the original documents as mentioned above, along with the Bank Draft of the amount prescribed as fee for the course at the time of admission by the respective college/department.

- The University reserves the right to amend the schedule, rules, course structure and fee structure as and when it seems necessary.

AKU Nursing Admission Test (ANAT 20xx)

- University will hold AKU Nursing Admission Test (ANAT 20xx) for selection of candidate. Selection for admission shall be made strictly in order of merit i.e. percentage of marks secured by the candidate at the ANAT 20xx held for the purpose.
- No Candidate will be permitted to appear in the **Test without a valid Admit Card**. The admit card should be presented to the invigilators/other authorised officials for verification. The candidate's identity will be verified in respect of his/her details on the Admit Card. If the identity is in doubt, the candidates may not be allowed to appear in the Test. The authorities may at their discretion provisionally permit the candidate to appear in the Test after completing formalities including taking of thumb impression/several signatures for further verification. No extra time will be granted for these formalities to be completed.
- Selection list will be available at our website: www.akubihar.ac.in | www.akuexam.net
- Each Candidate will be required to appear in the Entrance test only at the Centre to which he/she has been allotted.
- No change will be made in the test Centre allotted to the candidate under any circumstances.
- Candidates absenting from entrance test will not be considered for admission.

Description of Entrance Test

For M.Sc. Nursing

Language	English
Total Number of Questions Asked	100
Exam Duration	100 Minutes
Type of Questions Asked	M.C.Q. (Multiple-Choice Questions)
Maximum Marks	100
Negative Marking	No

Detailed Syllabus of M.Sc Nursing Exam 20xx

Topics	Sub-topics
Management of Nursing Services and Education	Aims, Scope, Concepts and Limitations of Health Education
	Health Teaching and Communication
	National Plan for Health Education
	Methods of Health Education

Community Health Nursing	Introduction to Community Nursing and Public Health
	Role of Epidemiology in Community Health
	Administration and Organisation of Health Services in India
	Concepts and Principles of Public Health Nursing
Nursing Research and Statistics	Statistics
	Definition of Research
	Use of Computers
	Bio-Statistics
Mental Health Nursing	Principles and Application of Mental Health Nursing and General Nursing
	Brief History of Mental Health Nursing in Abroad and India
	Classification of Mental Disorders
Midwifery and Obstetrical Nursing	Introduction
	Physiology and Anatomy
	The Infant
	Embryology
Child Health Nursing	Modern Concepts of Child Care
	Nursing Care of Neonate
	Development and Growth from Birth to Adolescence
	Disorders in Children
	Nursing Management in Common Childhood Diseases
Sociology	Culture
	Introduction to the Important Studying Sociology in Nursing
	Society and Individual
	Social Process
	Social Organisation
Medical-Surgical Nursing	Introduction to Surgical Nursing
	Special Problems Influencing the Care of Patients
	Internal Defences Against Invasion of Pathogens
	Inflammation
	Orthopaedic Nursing
	Maintaining the Body Equilibrium
	ENT
Community Health Nursing	Concept of Optimum Health & Its Relation to Successful Living
	Housing
	Disposal of Refuse
	Water Supply
	Environmental Health
Psychology	Human Behaviour
	Aim and Methods of Psychology

	Drives, Notices and Needs
	Personality
	Feelings, Instincts and Emotions
	Mental Hygiene
Nursing Foundation	Introduction to Etiquettes & Nurses
	Health Resources in the Community
	Definition and Scope of Nursing
	Observing, recording and reporting
	Communication skills
Nutrition	Introduction: Meaning of Food, Study of Nutrition, Nutrition and Dietetics
	Different Methods of Cooking & Their Effects on Food and Constituents
	Food Constituents, Protein, Water, Mineral, etc
	Principles of Nutrition and Balanced Diet
Biochemistry	Introduction: Study of Cell, Biochemistry, Biochemical Functions of Various Cells
	Proteins
	Lipids
	Nucleic Acid
	Intermediary Metabolism
Physiology	Introduction: Physiology of Cell
	Respiratory System
	Blood
	Excretory System
	Gastrointestinal System
Anatomy	Muscular System
	Skeletal and Joint System
	General Introduction to Anatomy
	Circulatory System

For B.Sc. Nursing

Scheme of Written Entrance Test			
Section	Content	Type & Medium	Marks
A	Biology (Botany-Zoology)	MCQ (Multiple-Choice Question) English or Hindi	25
B	Physics	MCQ (Multiple-Choice Question) English or Hindi	25
C	Chemistry	MCQ (Multiple-Choice Question) English or Hindi	25
D	Aptitude, English, General Knowledge and Fundamental Mathematics	MCQ (Multiple-Choice Question) English or Hindi	25
		Total	100

For Post Basic B.Sc. Nursing

Scheme of Written Entrance Test			
Section	Content	Type & Medium	Marks
A	First Year (GNM SYLLABUS)	MCQ (Multiple-Choice Question) English or Hindi	25
B	Second Year (GNM SYLLABUS)	MCQ (Multiple-Choice Question) English or Hindi	25
C	Third Year (GNM SYLLABUS)	MCQ (Multiple-Choice Question) English or Hindi	25
D	Aptitude, English, General Knowledge and Fundamental Mathematics	MCQ (Multiple-Choice Question) English or Hindi	25
Total			100

There will be objective type of test for admission in Basic M.Sc. Nursing / B.Sc Nursing / Post Basic B.Sc Nursing Programme. The test will comprises of 100 questions carrying one mark each. The objective type questions are of multiple choice with four alternative answers (numbered 1,2,3,4) to each question. Candidates are required to choose the correct one. For The candidate will have to choose the correct answer and shade against the appropriate choice in the OMR response sheet provided, strictly adhering to the instructions.

- **No negative marking for wrong answers.**
- The question paper will be in English & Hindi only.

Admission and selection procedure

- Admission shall be made strictly in order of merit, i.e. percentage of marks secured by the candidate at the ANAT 20xx.
- Reservation of seats for the candidates of reserved categories will be as per State Government's rules/ A.K.U. rules for admission in other Degree courses. In any case, the percentage of reservation fixed by the State Government will exceed.
- Reservation of seats provided in the general ordinance for admission will be applicable only when candidate fulfills the minimum requirement.
- If at any stage it is found that candidate has furnished any false information, his/her candidature shall be cancelled immediately.
- The university shall reserve the right to take any decision in all matters of admission.
- No applicant shall be admitted, who in the opinion of the Vice-Chancellor, should not be admitted in the best interest of the University.

Test Fee

Rs. 1,500/- (Rupees One Thousand Five Hundred Only) for General candidates and **Rs. 500/-** (Rupees Five Hundred Only) for SC/ST/PWD candidates.

Admit-Card

Admit-Card and other related information you may visit our website: www.akubihar.ac.in | www.akuexam.net

Syllabus

Syllabus of ANAT 20xx is available on our website: www.akubihar.ac.in | www.akuexam.net