



आर्यभट्ट ज्ञान विश्वविद्यालय
ARYABHATTA KNOWLEDGE UNIVERSITY



SCHOOL OF **GEOGRAPHICAL** STUDIES

**ARYABHATTA
KNOWLEDGE
UNIVERSITY**

**M.A. IN
GEOGRAPHY**

**PROSPECTUS
2025-26**

SCHOOL OF GEOGRAPHICAL STUDIES

About SGS

The School of Geographical Studies (SGS), Patna was established by Government of Bihar in 2018 and it started to function in 2020. The SGS is a constituent of Aryabhata Knowledge University. SGS is envisioned as a School of Geographical Research in areas of policy and development. The School's immediate goal is imparting skills in the discipline of Geography, at a level which is comparable with the world's leading institutions. The overarching goal is employment of these skills and skilled individuals towards geographical planning and policy intervention for the advancement of Bihar. SGS maintains its focus on complex issues, where application of scientific geographical principles can lead to significant developmental gains for the state of Bihar. This gestalt forms the fulcrum of the School's efforts.

Late Prof. Poornima Shekhar Singh was appointed as the first director of SGS in July 2020. Under her visionary thinking and leadership, SGS was able to take its original form. Her tenure lasted till January 2023.

In culmination of its role as a centre for research and planning of public policy, SGS aims to substantially contribute towards state, and eventually towards national developmental policies and strategies. In this vein, SGS aspires to incrementally emerge as world class research institution. The School is also committed to moving beyond traditional research avenues such as consultancy and training programs, to take the philosophy of planning beyond academia, and into the public sphere. In the public sphere, SGS will endeavour to address the complex relations between the limits imposed by the natural world, and the possibilities that human action can create in its sustainable future.



VISION

The School of Geographical Studies will be an eminent institution of academic excellence in the discipline of Geography. To be the destination of choice for meritorious students and scholars of Geography. To be the preferred partner of the state on policy formulation requiring geographical expertise.

MISSION

- ☑ To build intellectual, creative, and practical abilities of the institution and students.
- ☑ To recruit and retain outstanding faculty to foster the advancement of developmental vision and mentoring emerging scholars to realize their highest potential and assume roles of leadership, responsibility and service to society.
- ☑ To create a wealth of Knowledge through rigorous research work and make vital publications.

CGS Activity

1. School of Geographical Studies, Patna started web-based lecture series from August 2020 at the School. So far, 16 web based lecture series was organised.
2. School of Geographical Studies, Patna has also signed an agreement with "Bihar Board of Open Schooling and Education" (BBOSE) for the "Amin Training Programme".



3. School of geographical studies organized xvi Deccan Geographers (DGSi) International Online Conference with the focal theme of Environmental, Population and Sustainable Development.
4. School has also published an Edited Book named 'Contemporary Inquiry in Geography Research Lecture Series – I'



5. Collaboration with University of WOLVERHAMPTON as a project partner with the School. In 2022, a training cum workshop was organised by the School in which training of the faculty & Research Scholar was imparted by trainer of WOLVERHAMPTON University.



6. **Land Surveying Training Programme, Amanat:** School of Geographical Studies, Patna has also signed an agreement with “Bihar Board of Open Schooling and Education” (BBOSE) for the “Amanat Training programme”. The School conducted Amanat Training Programme of BBOSE from 22.01.2024 to 17.02.2024.



7. School of Geographical Studies, Patna previously signed an agreement with “Bihar Board of Open Schooling and Education” (BBOSE) for the “Advanced Training Programme of Amanat”. Such Training was organized at the School from 22.01.2024 to 17.02.2024. Thereafter, the examinations of Amanat were conducted at the School of Geographical Studies from 12.11.2024 to 16.11.2024.



Image of Examinee and Officials on 13.11.2024

PROGRAMME/COURSES IN CGS

- Ph.D. in Geography
- Certificate & Diploma Programme in Research Methodology
- M.Sc., Diploma and Certificate Programme in GIS and Remote Sensing
- M.A. in Geography

M.A. in Geography

PREAMBLE:

The CBCS provides an opportunity for the students to choose courses from the prescribed list of courses comprising core, elective and ability enhancement courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students of universities of Bihar to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. The Universities shall follow the guidelines formulated by the UGC in order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations.

The Postgraduate degree course for subjects under Faculty of Social Science shall be of four semesters spread over two years' duration. The course shall be named as the 'Master of Arts' course and shall be abbreviated as M.A.

GENERAL :

- The ORDINANCE and the REGULATIONS shall be called the 'Admission Ordinance' and 'Regulations of Examination' for Post-Graduate degree courses to be applicable in the Universities of Bihar. The ordinance and regulations shall be effective from the Academic Session 2022-23.
- This course will provide admission eligibility to all those who have successfully passed the graduation level examination with minimum 55% marks in the Honours course.
- Candidates coming from Social Science stream shall be eligible for the award of M.A. in Geography & Environmental Studies.
- The M.A. Course shall consist of 20 papers spread over four semesters consisting of Core Courses (CC), Elective Courses (EC), Discipline Specific Elective Courses (DSE) or Generic Elective Course, Ability Enhancing Courses (AEC) and Ability Enhancing Compulsory Courses (AECC) as described in Table 2. There shall be five courses/ papers in first semester, six courses/ papers in second semester, six courses/ papers in third semester, three courses/ papers in fourth semester; each course carrying 100 marks. The entire curriculum shall be of 2000 marks taken together. However, the CGPA/class shall be awarded on the performance of the candidate on 16 papers which includes the 14 CC papers and two EC papers having an aggregate of 1600 marks.
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THE SUBJECTS:

The Postgraduate Degree "Master of Arts" [M.A.] in Geography and Environmental Studies.

Admission to M.A. Part-I (First Semester)

- ✓ A candidate seeking admission to M.A. (Semester System) must be a graduate having passed the Bachelor Degree (B.A.) with Honours in the subject concerned or as a subsidiary subject or as a subject in pass course or in an allied subject. Preference will be given to those having passed with the subject as a Hons Subject /Major subject/ Core Course.
- ✓ In such subjects where candidates with Honours/ Subsidiary / Pass degree are not available, students having degree in allied subjects may be treated at par as having Honours Degree in the subject. Lists of allied subjects. The Academic Council of the University on the recommendation of its equivalence committee shall modify the lists of allied subject/subjects whenever needs arise.
- ✓ Admission to M.A. Part-I (First Semester), shall be made in order of merit. The merit list shall be prepared on the basis of marks obtained by the applicant in the Bachelor Degree Course or through Entrance test.

In case of Entrance Test, it will be organized by the University to be named as 'Name of the respective university' – Postgraduate Entrance in the Faculty of Social Sciences abbreviated as: PET/SS. The merit list shall be prepared on the basis of marks obtained by the applicant in the PET/SS to be organised by the respective University.

ELIGIBILITY CRITERIA

- A candidate seeking admission to M.A. (Semester System) must be a graduate with Bachelor Honours Degree in the subject concerned.
- In case of students do not having Honours Bachelor Degree, their relative merit vis-a-vis Honours candidate will be judged as having 10% less than the Honours candidate.
- In such subjects where candidate with Honours/Pass are not available, students with allied subjects may be treated at par as having Honours Degree in the subjects. The academic council of the University will decide the allied subjects on the recommendation of equivalence committee of the University.
- Admission to M.A. course will be made on the basis of marks in the Bachelor Degree course or performance in AKUET/SS.
- Structure of the entrance test:
Questions shall be of multiple-choice type with four options with a single correct answer. The entrance test shall be held on OMR sheet. The duration of the test shall be of 2:30 hour. The total marks will be 200 marks. There shall be no negative marking. There shall be two parts in the question paper as mentioned in table.3.

TABLE.3. DETAILS OF ENTRANCE TEST

| | | | | |
|--------|------------------|-----------|--------------|---------------------------|
| Part A | General Aptitude | 50 marks | 50 questions | 1 mark for each question |
| Part B | Subject Test | 150 marks | 75 questions | 2 marks for each question |

- The application fee for applying for admission to M.A. courses will be Rs.1500/-only. This will include the fee for admission test (whenever applicable). On the recommendation of the Academic Council and with the approval of the statutory bodies of the respective university, application fee may be revised whenever required.

NO. OF SEATS

Total Seats in M.A. in Geography should be 50 (fifty) or shall be decided by the respective University in accordance with the guidelines received from the State Government from time to time.

MEDIUM OF INSTRUCTION/TEACHING

Medium of instruction for teaching-learning and examination will be Hindi/English except courses on literature/ language. In courses on Language / literature will be decided by the BOCS.

FEE STRUCTURE

Fee Structure per Semester for M.A./M.Sc. in Geography and Environmental Studies under regular mode:

| Sl. No. | Head / Item | For Indian Resident in Indian Rupees (₹) | Non-Residents Indian (NRI) and Foreign Students in US dollar (\$) |
|---------|--|--|---|
| I | Admission Fee (Per Semester) | 150.00 | 90.00 |
| II | Registration fee (one time) If Applicable | 200.00 | 20.00 |
| III | Caution Money (One time) | 500.00 | 200.00 |
| IV | Tuition Fee (Per Semester) | 150.00 | 250.00 |
| V | Eklavya & Tarang (One time in each Academic Session) | 10.00 | 25.00 |
| VI | Total (I to V) | 1,010.00 | 585.00 |
| VII | Miscellaneous (Per Semester) | | |
| VII.A | Central Library | 100.00 | 10.00 |
| VII.B | Electricity fee | 300.00 | 10.00 |
| VII.C | Identity card fee | 60.00 | 5.00 |
| VII.D | NSS Fee | 50.00 | 5.00 |
| VII.E | Parking | 50.00 | 5.00 |
| VII.F | Internal Examination fee | 300.00 | 25.00 |
| VII.G | Library Maintenance Fund | 100.00 | 5.00 |
| VII.H | Building Maintenance Fund | 100.00 | 10.00 |
| VII.I | Medical Fee | 100.00 | 5.00 |
| VII.J | Athletic Fund (for College) | 100.00 | 5.00 |
| VII.K | Athletic Fund (for University) | 100.00 | 5.00 |
| VII.L | Common Room Fund | 50.00 | 5.00 |
| VII.M | Extra- Curricular Fee (Cultural) | 50.00 | 5.00 |
| VII.N | Environmental Protection Fee | 20.00 | 5.00 |
| VII.O | Students Welfare Fee | 10.00 | 5.00 |
| VII.P | Poor Student's Fund | 10.00 | 5.00 |
| VII.Q | Student's Union Fund | 100.00 | 5.00 |
| VII.R | Society Subscription | 50.00 | 5.00 |
| VII.S | Magazine Fund | 50.00 | 5.00 |
| VII.T | Hand Book/ Dictionary | 50.00 | 5.00 |
| VIII | Total (VII.A to VII.L) | 1,750.00 | 135.00 |
| IX | Grand Total | 2,760.00 | 720.00 |
| X | Less Registration Fee | 200.00 | 20.00 |
| XI | Total Amount for 1st Semester | 2,560.00 | 700.00 |
| XII | Total amount in subsequent semesters excluding caution money and registration charges | 2,060.00 | 500.00 |
| XIII | Practical fee per semester wherever applicable | 500.00 | 50.00 |
| XIV | Field work wherever applicable (One Time) | 1,000.00 | 100.00 |
| XV | The order of GOB issued from time to time in regards to fee Structure will be followed Strictly. | | |

An amount of Rs. 2,000 would be charged for Registration fee (One time) and in addition to the above fee structure Rs. 2,000 would be payable for each End Semester Exam as per University Letter No. 022/SJMC AKU/006/2022-1349, Dated 14/05/2022.

COURSE STRUCTURE

Structure of the 2 Yrs. (Four Semesters) Post Graduate Degree course under CBCS:

| Semester | No. of Course/ Paper | Credit per Course/ Paper | Total Credit | Minimum No. of Learning Hours | No. of CORE Course/ Paper | No. of Elective Course/ Paper | Code & Nature of Elective Course/Paper |
|-----------------------|-------------------------|--------------------------------|-----------------|--|------------------------------------|--|---|
| I | 05 | 05 | 25 | 250 | 4 | 1 | AECC-1 |
| SEMESTER BREAK | | | | | | | |
| II | 06 | 05 | 30 | 300 | 5 | 1 | AEC-1 |
| SEMESTER BREAK | | | | | | | |
| III | 06 | 05 | 30 | 300 | 5 | 1 | AECC-2 |
| SEMESTER BREAK | | | | | | | |
| IV | 03 | 05 | 15 | 150 | 0 | 3 | EC-1* EC-2* DSE-1 or GE-1 |
| Total | 20 | | 100 | 1000 | 14 | 6 | |

For Tutorial (T) / Practical (P) / Field Work (FW) / Internship etc. extra working hour to be added as per requirement and will be decided by the BOCS of the respective subject.

OUTLINE OF SYLLABUS:

SEMESTER - I : M.A. in GEOGRAPHY

| COURSE OPTED | COURSE CODE | COURSE NAME | CREDITS |
|---|-------------|---|----------|
| CC-1 (Core Course) | GEO-M-101 | Geomorphology | 05 |
| CC-2 (Core Course) | GEO-M-102 | Climatology and Oceanography | 05 |
| CC-3 (Core Course) | GEO-M-103 | History of Geographical Thought | 05 |
| CC-4 (Core Course) | GEO-M-104 | Representation & Analysis of Statistical Data (Practical) | 05 |
| AECC-1 (Ability Enhancement Compulsory Course) | | (i) Environment Sustainability (ii) Swachha Bharat Abhiyan | 03 02 |

SEMESTER - II : M.A. in GEOGRAPHY

| COURSE OPTED | COURSE CODE | COURSE NAME | CREDITS |
|---------------------------------------|-------------|---|---------|
| CC-5 (Core Course) | GEO-M-201 | Regional Planning and Rural Development | 05 |
| CC-6 (Core Course) | GEO-M-202 | Environment and Disaster Management | 05 |
| CC-7 (Core Course) | GEO-M-203 | Resource and economic Geography | 05 |
| CC-8 (Core Course) | GEO-M-204 | Geography of India | 05 |
| CC-9 (Core Course) | GEO-M-205 | Cartographic Techniques (Practical) | 05 |
| AEC-1 (Ability Enhancement Course) | | Ability Enhancement Course | 05 |

SEMESTER - III : M.A. in GEOGRAPHY

| COURSE OPTED | COURSE CODE | COURSE NAME | CREDITS |
|---|--------------------|---|----------------|
| CC-10 (Core Course) | GEO-M-301 | Quantitative Techniques and Research Methodology | 05 |
| CC-11 (Core Course) | GEO-M-302 | Remote Sensing and Geographical Information System | 05 |
| CC-12 (Core Course) | GEO-M-303 | Human and Social Geography | 05 |
| CC-13 (Core Course) | GEO-M-304 | Land Use and Agriculture Geography | 05 |
| CC-14 (Core Course) | GEO-M-305 | Instrumental Surveying, GIS and GPS | 05 |
| AECC-2 (Ability Enhancement Compulsory Course) | | Human Value and Professional Ethics Gender Sensitization | 03 02 |

SEMESTER - IV : M.A. in GEOGRAPHY

| COURSE OPTED | COURSE CODE | COURSE NAME | CREDITS |
|---|--------------------|---|----------------|
| EC-1 (Elective Course) | GEO-M-401 | 1. Urban Geography 2. Political Geography 3. Population Geography 4. Geology of India 5. Settlement Geography 6. Advance Cartography | 05 |
| EC-2 (Elective Course) | GEO-M-402 | Dissertation/Project Work based on Socio Economic Survey | 05 |
| DSE-1 (Discipline Specific Elective) Or GE - 1 (Generic Elective) | | Regional Planning and Rural Development (201-CC) Or Geography of Bihar | 05 |