



**SIKSHA-BHAVANA
(Institute of Science)
VISVA-BHARATI**

**DETAILS OF ADMISSION TEST FOR M.SC. COURSES FOR THE SESSION
2024-2025**

Department-wise proposed schedule of M.Sc. Admission Test:

Department	Date	Time
Chemistry	11.07.2024 (Thursday)	11:00 AM to 1:00 PM
Zoology	15.07.2024 (Monday)	11:00 AM to 1:00 PM
Mathematics	16.07.2024 (Tuesday)	11:00 AM to 1:00 PM
Physics	18.07.2024 (Thursday)	11:00 AM to 1:00 PM
Computer Science	18.07.2024 (Thursday)	2:30 PM to 4:30 PM
Statistics	18.07.2024 (Thursday)	2:30 PM to 4:30 PM
Environmental Studies	19.07.2024 (Friday)	11:00 AM to 1:00 PM
Botany	19.07.2024 (Friday)	2:30 PM to 4:30 PM

Venue of various admission test will be in the corresponding Departments

Ref. No.: SB-68(44)/2024-2025
Dated: 03-06-2024

Adhyaksha
Siksha-Bhavana
Visva-Bharati

Department of Botany
Visva-Bharati

(i) Date and time: 19.07.2024 at 2.30 pm.

(ii) Venue: Department of Botany, Siksha-Bhavana, Visva-Bharati, Santiniketan

(iii) Syllabus (optional)

(iv) Contact number(s) and email(s) of the Point of Contact(s) for the Department

1. Dr. Soma Sukul: 9836062496: soma.chunari@visva-bharati.ac.in

2. Dr. Anindya Biswas: 8961245965: anindya.biswas@visva-bharati.ac.in

3. Dr. J. Rath: 8240071294: jnanendra.rath@visva-bharati.ac.in

(v) Admit card will be issued at the venue. The applicants should bring a copy of the filled in Application form.

(vi) Any other information the Departments wish to share

Head of the Department
of Botany

**DEPARTMENT OF CHEMISTRY
VISVA-BHARATI**

**NOTIFICATION
*M. Sc. ADMISSION TEST – 2024 IN CHEMISTRY***

An Offline M. Sc. Admission Test in Chemistry has been scheduled on 11th of July, 2024 (Thrusday) from 11.00 AM onwards. The applicants are advised with this to note the following points carefully:

1. Date of the Admission Test: 11.07.2024 (Thrusday)
2. Time: 11.00 AM to 12:30 PM (duration of 1 hour and 30 minutes), Full marks – 100.
3. Venue: Department of Chemistry, Siksha bhavana, Visva-Bharati, Santiniketan-731235
4. Candidates should enter the Examination Hall(s) at least 45 minutes before the commencement of the examination.
5. Candidates should bear with them a copy of their respective application form, a photo identity card (either Aadhar Card or Voter Card or Passport or Driving licence only).
6. No electronic gadget (including Smart-watch) except a non-programmable calculator is allowed at the Examination Hall.
7. There will be Fifty (50) Multiple Choice Questions, each carrying two (02) marks. For each wrong answer, there will be a negative marking carrying a weightage of 0.5.
8. Syllabus: UGC –approved Undergraduate Chemistry Syllabus.
9. Contact numbers(s):
7602218874
7679388443
9800523174
8670958879
8116455971
8861545824
- 10 Email for contact: ybchemadm7@visva-bharati.ac.in
11. Candidates are advised to visit the admission-related website of the University frequently for necessary updates.

(Prof. Gourab Kanti Das)
Head, Chemistry Department
Visva-Bharati, Santiniketan

**Department of Computer and System Sciences,
Visva-Bharati**

It will be contain the following information

- (i) Date and time : 18-07-2024 at 2:30 p.m. onwards
- (ii) Venue : Department of Computer & System Sciences, Siksha Bhavana, Visva-Bharati
- (iii) Syllabus (optional) : B. Sc. (Hons.) in Computer Science of Visva-Bharati University
- (iv) Contact number(s) and email(s) of the Point of the Contact(s) for the Department :
office.css@visva-harati.ac.in and roy.utpal@gmail.com
- (v) Admit cards will be issued at the venue. The applications should bring a copy of the filled in Application form and a photo identity card (Aadhaar/PAN/Voter/any Govt Registered)
- (vi) Any other information the Departments wish to share: OMR sheet should be encircled clearly.

Head of the Department
of Computer & System Sciences

**Department of Environmental Studies (DES)
Visva-Bharati**

This is to notify that the M.Sc. Entrance Test in Environmental Science 2024 will be held offline as per the schedule given below:

Date: 19 th July 2024 (Friday)

Time: 11.00 AM – 12.00 Noon

Venue: DES, New Science Complex, Siksha Bhavana, Visva-Bharati, Santiniketan.

Syllabus: Covering all undergraduate science subjects (Environmental Science, Physics, Chemistry, Mathematics, Botany, Zoology, Geology, Geography, Computer Science, Statistics etc.)

Contact Numbers and emails of the Point of contacts for the department:

Mobile: 8250509598 (Dr. Pulak K. Patra); 9968064121 (Dr. Sushil Kumar).

Email: hod.envsc@visva-bharati.ac.in

Admit card will be issued at the venue. The applicant should bring a copy of the filled in Application form along with the original copy of his/her identity proof.

All concerned are hereby informed to report to the office of the HOD, DES (two hourbefore the commencement of the Entrance Test). For any clarification, please contact the above-mentioned telephone numbers and email.

Prof. P.K. Padhy
HOD, DES

Department of Mathematics
Visva-Bharati

Notice of the M.Sc. Admission Test - 2024

1. Date and Time : 16.07.2024 (Tuesday) 11.00 a.m. – 1.00 p.m.
2. Venue: Department of Mathematics, Visva-Bharati
3. Syllabus: Attached herewith
4. Contact number and e-mail of the person of contact for the Department:
9433757154
Email: hod.math@visva-bharati.ac.in

5. Admit Card will be issued at the venue. The applicants should bring a copy of the filled in Application form.

Head of the Department
of Mathematics

SYLLABUS FOR M.SC. ADMISSION TEST IN MATHEMATICS, 2024
DEPARTMENT OF MATHEMATICS

ALGEBRA:

LINEAR ALGEBRA – MATRIX THEORY, VECTOR SPACE, LINEAR TRANSFORMATION, EIGEN VALUES AND EIGEN VECTORS.

ABSTRACT ALGEBRA – GROUP, RING, FIELD NUMBER THEORY

ANALYSIS:

REAL ANALYSIS – RIEMANN INTEGRATION, UNIFORM CONVERGENCE OF SEQUENCES AND SERIES

OF FUNCTIONS, POWER SERIES, IMPROPER INTEGRALS.

COMPLEX ANALYSIS – LIMIT, CONTINUITY, ANALYTIC FUNCTIONS, CAUCHY-RIEMANN

EQUATIONS.

METRIC SPACE – CONCEPT OF METRIC SPACES-EXAMPLES, CONVERGENCE OF SEQUENCES IN A METRIC SPACE, OPEN SETS AND CLOSED SETS.

MECHANICS:

MOTION IN A PLANE (CARTESIAN AND POLAR), CENTRAL ORBIT, MOMENT OF INERTIA, MOTION OF A RIGID BODY ABOUT AN AXIS.

NUMERICAL ANALYSIS:

INTERPOLATION, INTEGRATION, SOLUTION OF ALGEBRAIC AND TRANSCENDENTAL EQUATIONS.

DIFFERENTIAL EQUATIONS:

FIRST AND SECOND-ORDER ORDINARY DIFFERENTIAL EQUATIONS, FIRST-ORDER PARTIAL

DIFFERENTIAL EQUATIONS.

VECTOR ANALYSIS:

GRADIENT, DIVERGENCE AND CURL.

LINEAR PROGRAMMING PROBLEM:

FORMULATION AND SOLUTION OF LINEAR PROGRAMMING PROBLEMS, CHARACTERISTICS OF AN

OPTIMAL SOLUTION.

PROBABILITY:

PROBABILITY DISTRIBUTIONS, MOMENT GENERATING FUNCTIONS AND CHARACTERISTIC FUNCTIONS.

**Department of Physics
Visva-Bharati**

Notice for the MSc Entrance Test

- i. Date and time : 18/7/2024, 11am – 1pm
- ii. Venue : Department of Physics, Siksha Bhavan, Visva-Bharati
- iii. Syllabus: B.Sc. in Physics Syllabus under CBCS of Visva-Bharati
- iv. Contact number and email of the Point of Contact for the Department:
Head, Department of Physics
Mobile: 9434142050
Email: ashis.bhattacharjee@visva-bharati.ac.in
- v. Admit card will be issued at the venue. Applicants must report at the venue at 9am of the date of examination. They must bring a copy of the filled in Application form bearing his/her clear photograph and a valid identity card.
- vi. Any other information the Departments wish to share: Applicants must follow the university website time to time for all admission related updates. For any further detail related to MSc Entrance Test of Department of Physics, Visva-Bharati, if required, they may enquire with the Head, Department of Physics, Siksha-Bhavan, Visva-Bharati.

Head of the Department
of Physics
Visva-Bharati

**Department of Statistics
Visva-Bharati**

Date and Time: 18.07.2024 and at 2:30 pm

Venue: Department of Statistics, Siksha-Bhavana

Syllabus: B.Sc. (Hons) in Statistics

Contact Number and email of the Point of Contact for the Department: Dr.
Arindom Chakraborty, Phone Number-9433115471,
email: arindom.chakraborty@visva-bharati.ac.in

Prof. Sudhansu S. Maiti
Head, Department of Statistics

DEPARTMENT OF ZOOLOGY
VISVA-BHARATI

Notice

M.Sc Admission test, 2024

Subject: Zoology

- (i) Date and time of Admission test: **15.07.2024 (Monday) at 11.00 a.m.**
Mode of examination: Physical
Reporting time: Two hours before the commencement of the test
Pattern of question: MCQ.
Duration of test: One hour
- (ii) Venue: Department of Zoology, Siksha-Bhavana, Visva-Bharati, Santiniketan
- (iii) Syllabus: B.Sc (Hons) level
- (iv) Contact persons mobile number(s) and email(s)
- a) Prof. Samar Kumar Saha: Mob. No. 9434182141:
sahaskvb@gmail.com
 - b) Dr. Vinod Kumar Chauhan, Mob. No. 7893969230:
vk0706@gmail.com
 - c) Dr. Sushil Kumar Sahu: Mob.No.7609987522:
sahu.sushil@gmail.com
 - d) Dr. Debarshi Sarkar; Mob. No.6239442937
debarshisarkar35@gmail.com
- (v) Admit card will be issued at the venue. The applicants should bring the print copy of Application form, a photo identity card and ball point pen. No electronics gadget will be allowed in Examination Hall

Dipak Kumar Maudal

Professor and Head
Department of Zoology
Visva-Bharati