Ref. No. MCA/17/2024

Date 19-06-2024

Schedule of BCA Entrance Test – 2024

Date of Entrance test	24 June, 2024
Time of Entrance Test	11:00 am to 01:00 pm
Venue of Entrance Test	MCA Department, J.C. Bose Building, Science Block-II, VBU Campus, Hazaribag
Date of Publication of Entrance Test Result	27 June, 2024
Date of Counseling	2 July, 2024 to 03 July, 2024
Publication of Merit List	07 July, 2024
Dates of Online Admission Through Chancellor Portal	08 July, 2024 to 11 July, 2024
Commencement of Classes	13 July, 2024

20.06.2024

Director

20/06/24

Registrar

19/06/2024

Selection Procedure & Syllabus for EAT (BCA-2024-27)

Aptitude test will be of 90 minutes and will Comprise 50 Multiple Choice/Objective type questions of 100 marks in two sections:

Section	Subject	No. of Questions
A	Mathematics	25
B	General Ability Test	25
	Total	50

Negative Marking: One fourth of the marks of each question will be deducted for wrong answers.

Result: Result of Entrance test will be published on the university website/ notice board of the department. Selected candidates must appear in the counseling with all original documents to be verified. Final selection will be made after counseling of screened candidates in person.

Section A: Mathematics (50 marks)

Algebra: AP, GP, HP, Theory of quadratic equation. Permutation and combination, Binomial Theorem.

Trigonometry: General values of trigonometrically functions, Inverse Circular functions, Logarithms. **Calculus:** Limits of function, Differentiation of function. Implicit function. Integration by the method of substitution, method of transformation and method of integration by parts definite integration, dy/dx as a rate measurer.

Co-ordinate Geometry: Equations of Straight lines. **Matrices:** Addition, subtraction and multiplication of matrices.

Vector Analysis: Addition of vectors, product of two vectors, Statics-Resultant of two forces at a point inclined at an angle, triangle of forces, converse of triangle of forces Lamas theorem, Projectiles.

Section B: General Ability Test (50 marks)

Computer Basics, General Science, General Studies, English & Reasoning (verbal / non verbal)

Director
20.06.2024

Registrar
20/06/24

19/06/2024