Chhatrapati Shahu Ji Maharaj (CSJM) University, Kanpur (UP)

(Formerly Kanpur University)

Accredited 'A++' by NAAC | UGC Approved Category-I University

School of Engineering and Technology (UIET)

Department of Computer Application

MCA Admission Guidelines
(Session: 2025-26)

Important Instructions:

- Admission to the MCA program will be conducted on the basis of *Screening Test* to be conducted by/ in the Department of Computer Application (UIET-IV) @ CSJM University Campus.

- The candidate is required to be registered for MCA Course through the admission portal, link of the same is available at www.csjmu.ac.in .

- If the candidate is unable to register for the program at the admission portal within the stipulated period, then under no circumstances, the candidate shall be allowed to appear in the screening test.

- The candidates with *results awaited* are also eligible to apply. They will be communicated by the department to appear in the screening test.

- Fee deposited at the time of registration will not be refunded under any circumstances.

- The candidate shall be notified for the *date of screening test* through the official website www.csjmu.ac.in.

- In case the candidate is unable to appear in the screening test on the communicated date, the eligibility of the candidate shall be cancelled.

- Candidates are advised to keep visiting the University website on a regular basis to remain updated for the important dates of the admission process. The Department/ University shall bear no responsibility in case the student is not able to present on the date of screening test.

- The merit list of the qualified candidates for admission to the MCA Program shall be published on the official University Website as well as on the notice board of the department within 05 working days from the date of screening test.

Screening Test:

- **Screening Test** consists of **Computer Based Test (CBT),** comprising of **MCQs** from **Mathematics, English & General Aptitude, Computer Fundamentals**, **Data Representation in Computers,** and **One-word Answer Type Questions from Programming Languages**, shall be conducted by/ in the Department of Computer Application (UIET-IV) @ CSJM University Campus.

- The answers keys of the Screening Test shall be displayed on the noticeboard of the department after the completion of the Screening Test.

Syllabus of Screening Test:

MCQs

- **Mathematics**
  - *Set Theory:* Concept of sets, Operations - Union, Intersection; Cardinality, Venn diagrams, Elementary Counting; Permutations and Combinations - Examples & Applications.
  - *Probability and Statistics:* Basic concepts of probability theory, Averages, Dependent and Independent events, Frequency distributions, Measures of Central Tendencies and Dispersions
  - *Relations & Functions:* Properties of Relations, Equivalence Relation, Partial Order Relation Function: Domain and Range, Onto, Into and One to One Functions, Composite, and Inverse Functions.
  - *Coordinate Geometry:* Rectangular Cartesian Coordinates, Distance formulae, Equation of a line, and Intersection of lines, Pair of straight lines, Equations of a circle, Parabola, Ellipse and Hyperbola.
  - *Mensuration:* Areas, triangles and quadrilaterals, area and circumference of circles, volumes, and surface areas of simple solids such as cubes, spheres, cylinders, and cones
  - *Algebra:* Fundamental operations in algebra, expansions, factorization, simultaneous linear /quadratic equations

- **English & General Aptitude**
  - Correct usage of English language
  - Logical Reasoning
  - Basic concepts of Arithmetic, Algebra, Geometry, and Data Analysis

- **Computer Fundamentals & Data Representation in Computers**
  - *Data Representation in Computers:* Representation of characters, integers and fractions, binary and hexadecimal representations, Binary Arithmetic: addition, subtraction, multiplication, division, simple arithmetic, and 2's complement arithmetic, floating point representation of numbers, Boolean algebra, truth tables.

One-word Answer Type Questions

- **Programming Languages**
  - Code snippet in the following languages shall be given **to answer in one-word:**
    - *Programming in C:* Introduction of C programming, Variable, Constants, Operators, Control Statements, Arrays, String, Functions.
    - *Programming in C++:* Inheritance and Polymorphism, Classes and Objects Encapsulation, Exception Handling, C++ class declaration, Dynamic Memory Allocation, Abstract classes.
    - *Programming in Python:* Exception handling, Number and List (Accessing values in List-Delete, update List Element - Basic List operations Indexing, Slicing), Data Type Conversion Operators, Types of Operators, Conditional statement.
    - *Programming in JAVA:* Data types, control structure, arrays, strings, vector, classes (inheritance, package, exception handling, multithread programming)

Admission:

- The candidate will be declared qualified for admission based on Screening Test.
- The qualified candidates need to be present on the notified date for counselling and admission process.
- If the candidate fails to appear on the stipulated date for admission, it would be deemed that he/she has vacated the seat and the next candidate in the order of merit shall be given the opportunity for admission.
- If two or more candidates have secured equivalent marks/ rank in the merit index of screening test, then the merit for admission will be determined as follows:
  o First preference will be given to the candidate who secures higher percentage of marks in the Exam of 10+2.
  o If the marks secured in the exam of 10+2 or equivalent examination are also same, then in such cases first preference will be given to the older candidate.

Reservation:

- The reservation shall be given as permissible under the Uttar Pradesh Government/ University Rules.
- The benefit of reservation will be permissible only to Scheduled Castes/ Scheduled Tribes and Other Backward Classes candidates originally belonging to Uttar Pradesh.
- Scheduled Castes/ Scheduled Tribes and Other Backward Classes candidates of other states will be treated as general category.
- Applicants of OBC (Non-Creamy Layer) category would require the following certificates at the time of counselling, viz, OBC (Non-Creamy Layer) Certificate issued **within last three years of July 1 of current admission year (2025)**. The OBC (Non-Creamy layer) certificate issued prior to three years of current admission year will not be considered.
- Candidates must submit a self-attested copy of their valid Caste/ EWS certificate at the time of counselling. Failure to do so, shall result in disqualification.
- Caste & Income certificates shall be verified from relevant Government websites.
- The foreign candidates which are the citizen of countries other than India are exempted from appearing in screening test.

Important Dates

It is hereby notified that these dates are tentative.

Opening of Admission Portal at www.csjmu.ac.in	**11th April 2025 (Friday)**
Last date of filling the Registration Form	**31st May 2025 (Saturday)**
Screening Test (*Tentative*)	**14th June 2025 (Saturday)**
Declaration of Final Result	**19th June 2025 (Thursday)**
Counselling	*To be notified later

Note: Please keep checking admission portal at www.csjmu.ac.in for latest update.

Department of Computer Application (UIET-IV) @ CSJM University, Kanpur