1. Admission details for B.Tech. in Mathematics & Computing

The B.Tech. in Mathematics & Computing program is offered by the joint collaboration of the Department of Mathematics and the Department of Computer Science and Engineering. To be considered for admission to the Bachelor of Technology (B.Tech.) program in Mathematics and Computing at the Central University of Jammu, candidates must satisfy the following requirements:

(i) **Subject Requirements:** Candidates are required to have completed their Class XII education (or an equivalent examination) with Mathematics & Physics or Mathematics & Computer Science as compulsory subjects.

(ii) **Entrance Examination**: A valid score from the Joint Entrance Examination (JEE Mains) is mandatory, demonstrating the applicant's aptitude for engineering studies.

(iii) **Academic Performance**: Applicants must have attained a minimum of 65% aggregate marks in their 10+2 examination from a recognized educational board. For candidates belonging to the **SC/ST/PwD** categories, the minimum requirement is 60%. This criterion applies to those who have completed their examinations in 2023/2024 and those who will be appearing for their Class 12 exams (or equivalent) in 2025.

(iv) **Curricular Breadth**: Candidates should have taken at least five subjects in their Class 12 or qualifying examinations, which must include the mandatory subjects of Mathematics and Physics, or alternatively, Mathematics and Computer Science, in addition to three other subjects.

2. Salient features of the Department of Mathematics

❖ The Department of Mathematics was established in 2011 with the vision of combining high-quality educational programs with innovative research across various mathematical disciplines. Committed to providing a comprehensive and multidisciplinary education, the department equips students with a deep understanding of scientific principles, a strong ethical framework, and essential skills in technology and management.

❖ Aligned with the National Education Policy of 2020, our programs emphasize fundamental mathematical principles while integrating theoretical knowledge with practical application, preparing students to tackle real-world challenges.

❖ Our diverse faculty specializes in areas such as queueing modelling, quantum cryptography, optimization, reliability analysis, software reliability, non-linear dynamical systems, soft computing, image processing, commutative algebra, functional analysis, and complex analysis. This expertise enables the department to address complex problems in various sectors.

❖ By fostering interdisciplinary collaboration and a robust foundation in both theoretical and applied mathematics, we prepare students for successful careers in academia, industry, and research. Our commitment to academic rigor and research excellence

contributes to advancements in mathematics and inspires the next generation of innovators in the scientific community.

3. Faculty profile link:

https://cujammu.ac.in/employee/employee/SBAAS/MATH/1/

https://cujammu.ac.in/employee/employee/SENGG/CSE/1/

4. Registration Fee:

The registration fee for the program is **Rs. 1000/-** (for General/OBC candidates) and **Rs. 500/- (**for SC, ST and PwD candidates).

5. Last Dates:

Last date of application: **18/05/2025**
Result Declaration: **03/06/2025**
Online Reporting/Counselling start: **05/06/2025**