



# MGM University

Aurangabad – 431003

## Conduct of Common Eligibility Tests, for Admission to UG/PG Programs (B.Tech & M.Tech) offered by MGM University for the Academic Year (AY) 2022-23

1. UG/PG Common Eligibility Tests (CETs) will be conducted for admission to UG/PG programs offered by MGM University, Aurangabad. Taking the CET is mandatory for admission to UG/PG programs. Details of CETs planned by MGM University are asunder:

Sr. No.	Purpose of the CET	Name of the CET	Date	Remarks
1.	For Admission to UG Programs	<b>MGMU-CET 2022 (UG)</b> The test will be conducted in three subjects i.e. Physics, Chemistry and Mathematics for admission to UG programs in Engineering & Technology.	18 May 22	Candidate will take the test as applicable to the program in which he/she wants to take admission.
2.	For Admission to PG Programs	<b>MGMU-CET 2022 (PG)</b> Separate CETs will be conducted for admission to the PG programs (M.Tech./MCA/M.Arch./PG Diploma) in Engineering & Technology.	18 May 22	

2. List of the UG/PG programs for which the above mentioned CET is conducted for admission is available on the university website i.e. [www.mgmu.ac.in](http://www.mgmu.ac.in).

3. **Application for CET.** Applications for the CET are being received online through the website of the university. CET fee is Rs. 1500/- which will be paid online while applying for the CET/admission on the university website.

4. **Details of the Programs and Applicable CETs.** Names of the UG and PG programs, eligibility criteria and the CET applicable to take the admission in these programs are mentioned below:

### UG Programs

<b>MGMU CET 22 (UG) for Admission to the Undergraduate Programs in Engineering &amp; Technology (A.Y. 2022-23)</b>			
Sr. No.	Program in which Admission is Sought	Eligibility* for Admission and Applicable CET	Syllabus
1	1. B. Tech. Chemical Engineering 2. B. Tech. Civil Engineering 3. B. Tech. Computer Science and Engineering 4. B. Tech. Electronics and Computer Engineering 5. B. Tech. Electrical and Computer Engineering 6. B. Tech. Mechanical Engineering 7. B. Tech. Information Technology 8. B. Tech. Artificial Intelligence and Machine Learning 9. B. Tech. Data Science 10. B. Tech. Agricultural Engineering 11. B. Tech. Electrical and	<b>Eligibility:</b> 1. The Candidate should be an Indian National and having domicile of Maharashtra state and/or born in Maharashtra state. 2. Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies, and obtained at least 45% marks (at least 40% marks, in case of Backward class categories and Persons with Disability candidates belonging to	Syllabus 10+2 (HSC Level)  CET (Engineering & Technology) will consist of two parts: Part A will consist of Physics & Chemistry Part B will consist of Mathematics.

	Instrumentation Engineering 12. Pharmaceutical Engineering 13. Computer Science and Engineering (IoT & Cyber Security Including Block Chain Technology)	Maharashtra State only) in the above subjects taken together and the candidate.	
2	1. B. Tech. Biotechnology 2. B. Tech. Cosmetic Technology 3. B. Tech. Food Processing Technology 4. B. Tech. Biomedical Engineering	<b>Eligibility:</b> 1. The Candidate should be an Indian National and having domicile of Maharashtra state and/or born in Maharashtra state. 2. 12th Std., HSC, CBSE with Physics, Chemistry, Biology (General group, Math group, and Vocational group) taken together with 45% marks for general category and 40% for reserved category.	Syllabus 10+2 (HSC Level)  CET (Engineering & Technology) will be conducted on the basis of Physics, Chemistry and Biology.

### Integrated UG Programs (Six Years after SSC)

<b>MGMU CET 22 (UG) for Admission to the Undergraduate Programs in Engineering &amp; Technology (A.Y. 2022-23)</b>			
<b>Sr. No.</b>	<b>Program in which Admission is Sought</b>	<b>Eligibility* for Admission and Applicable CET</b>	<b>Syllabus</b>
1	1. B. Tech. Civil Engineering with Computer Applications 2. B. Tech. Computer Science and Engineering (Data Science) 3. B. Tech. Computer Science Engineering (Internet of Things and Cyber Security Including Block Chain Technology) 4. B. Tech. Electronics and Computer Engineering 5. B. Tech. Industrial Engineering 6. B. Tech. Advanced Mechatronics and Industrial Automation 7. B. Tech. Robotics and Artificial Intelligence	<b>Eligibility:</b> 3. 10 <sup>th</sup> passed with minimum 50% marks for open category and 45% marks for reserve category. 4. Candidate should have appeared in MGMU-CET 2022.	Syllabus 10 <sup>th</sup> (SSC Level)  CET (Engineering & Technology) will consist of two parts: Part A will consist of Physics & Chemistry Part B will consist of Mathematics.

## PG Programs

<b>MGMU CET 22 (PG) for Admission to the Undergraduate Programs in Engineering &amp; Technology (A.Y. 2022-23)</b>			
<b>Sr. No.</b>	<b>Program in which Admission is Sought</b>	<b>Eligibility* for Admission and Applicable CET</b>	<b>Syllabus</b>
1	1. M.Tech. Computer Science and Engineering (Digital Transformation) 2. M.Tech. Electrical Power Systems 3. M.Tech. Mechanical Engineering 4. M.Tech. Structural Engineering 5. M.Tech. VLSI and Embedded Systems 6. M.Tech. Data Science 7. M.Tech. Geoinformatics 8. M. Tech. Energy Engineering 9. M. Tech. Environmental Engineering 10. M. Tech. Medical Technology 11. M. Tech. Industrial Engineering and Management 12. M. Tech. Design Engineering	<b>Eligibility:</b> 1. The candidate should be an Indian National; 2. Passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions (or equivalent) with at least 50% marks (at least 45% marks in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only). 3. Candidates appearing for final year of qualifying examination are also eligible to appear for MGMU - CET 2022 (M.Tech). 4. NRI* Candidate- Passed Bachelor Degree in the relevant field of Engineering and Technology from recognized University or equivalent with at least 50% marks in aggregate or its equivalent.	<b>Syllabus:</b> A. General Aptitude B. Engineering Mathematics C. Discipline specific questions
2	1. PG Diploma in AIML	<b>Eligibility:</b> 1. The Candidate should be an Indian National. 2. Passed BCA / B.Sc./ B.Com./ B.A. with Mathematics/Statistics as one of the subjects (at 10+2 level or at Graduation level examination) and obtained at least 50% marks in aggregate (at least 45% in case of candidates of backward class categories and Persons with Disability belonging to Maharashtra State only). 3. Candidates appearing for final year of qualifying examination are also eligible to appear for MGMU - CET 2022.	<b>Syllabus:</b> A. Mathematics & Statistics B. Logical/ Abstract Reasoning C. English comprehension and verbal ability D. Computer Concepts

3	1. PG Diploma in Construction Management	<b>Eligibility:</b> <ol style="list-style-type: none"> <li>1. The Candidate should be an Indian National.</li> <li>2. Passed Bachelor Degree in B. Tech. (Civil Engg.) / B. Arch. from All India Council for Technical Education or Central or State Government approved institutions (or equivalent) with at least 50% marks (at least 45% marks in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only).</li> </ol>	<b>Syllabus:</b> <ol style="list-style-type: none"> <li>A. Mathematics &amp; Statistics</li> <li>B. Logical/ Abstract Reasoning</li> <li>C. English comprehension and verbal ability</li> <li>D. Computer Concepts</li> </ol>
4	<ol style="list-style-type: none"> <li>1. Master of Architecture (Environmental Architecture)</li> <li>2. Master of Architecture (General)</li> </ol>	<b>Eligibility:</b> <ol style="list-style-type: none"> <li>1. The candidate should be an Indian National</li> <li>2. The candidate with a minimum of 50 % marks in aggregate (at least 45% marks in case of Candidates of Backward class categories and persons with disability belonging to Maharashtra State only) in a Bachelor of Architecture degree course or equivalent courses recognized by the Council of Architecture.</li> <li>3. Candidates appearing for the final year of qualifying examination are also eligible to appear for MGMU - CET 2022 (M.Arch)</li> </ol>	<b>Syllabus:</b> <ol style="list-style-type: none"> <li>A. Building Construction Technology and Materials</li> <li>B. Environment</li> <li>C. Architecture History and Humanities</li> <li>D. Human Settlement planning Current Architecture Practice</li> </ol>
5	1. Master of Computer Applications	<b>Eligibility:</b> <ol style="list-style-type: none"> <li>1. The candidate should be an Indian National;</li> <li>2. Passed minimum three-year duration Bachelor's Degree awarded by university recognized by University Grants Commission or Association of Indian Universities in any discipline with at least 50% marks in aggregate or equivalent (at least 45% in case of candidates of backward class categories and Persons with Disability belonging to Maharashtra State only);</li> <li>3. Studied Mathematics as one of the subjects at (10+2) level or at Graduate level examination; for B.Sc./B.Com./B.A. (Candidates appearing for final year of qualifying examination are also eligible to appear for MGMU - CET 2022).</li> <li>4. NRI* Candidate – Passed</li> </ol>	<b>Syllabus:</b> <ol style="list-style-type: none"> <li>A. Mathematics &amp; Statistics</li> <li>B. Logical/ Abstract Reasoning</li> <li>C. English comprehension and verbal ability</li> <li>D. Computer Concepts</li> </ol>

		BCA/B.Sc./B.Com/ B.A. or equivalent degree with Mathematics as one of the subjects (at 10+2 level or at Graduation Level examination) and obtained at least 50% marks in aggregate	
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### M. Tech. (Integrated 5 Years after 12<sup>th</sup>) Program

<b>MGMU CET 22 (PG) for Admission to the Undergraduate Programs in Engineering &amp; Technology (A.Y. 2022-23)</b>			
<b>Sr. No.</b>	<b>Program in which Admission is Sought</b>	<b>Eligibility* for Admission and Applicable CET</b>	<b>Syllabus</b>
1	1. M. Tech. Integrated Computer Science And Engineering (Artificial Intelligence and Machine Learning)	<b>Eligibility:</b> 1. The Candidate should be an Indian National and having domicile of Maharashtra state and/or born in Maharashtra state. 2. Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies, and obtained at least 45% marks (at least 40% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and the candidate.	Syllabus 10+2 (HSC Level)  CET (Engineering & Technology) will consist of two parts: Part A will consist of  Physics & Chemistry Part B will consist of Mathematics.

#### 5. Notes:

\* **Eligibility.** Eligibility conditions have been given very briefly. Candidates are requested to refer to the university website ([www.mgmu.ac.in](http://www.mgmu.ac.in)) for the detailed eligibility conditions.

▪ **Conduct of the CETs:**

1. **Conduct.** The CETs will be conducted in online proctored mode.
2. The exam is MCQ based. There will be no negative marking.
3. **Admit Cards.** e-admit cards will be issued to the candidates two days prior the examination schedule. The admit card will give date/time of the tests, and the instructions for taking the test. Candidates must keep themselves updated about the CET through visiting the website of the university and through the text messages being sent on their registered mobile phone number.
4. **Mock Tests.** Mock tests will be conducted on **12 and 13 May 22**. A video clip will be sent to all the candidates for familiarizing themselves about the conduct of the CET. Ensuring uninterrupted net connectivity, power backup will be the responsibility of the candidate.
5. **Issue of the Score Card.** The candidates will be issued the score card of the CET online.
6. **Merit List.** For making the merit list for admission, 50 percent weightage each will be given to the score of CET and 50 percent to the marks obtained in the qualifying exam.

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MGM University  
09 Apr 22