Common Entrance Test (CET) 2024

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly known as West Bengal University of Technology)

Main Campus -

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Introduction

Common Entrance Test (CET) is an examination for admission to Under-graduate and Post-graduate Programmes (BBA, BCA, B.Sc & M.Sc) offered In-house & affiliated colleges under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB (MAKAUT).

Important Dates Related to CET 2024	
• **Online Application Opens**	**5th June, 2024**
• **Last Date for Submission of Online Application**	**22nd June, 2024**
• **Availability of Admit Card on the website for printing**	**Will be notified later**
• **Online Exam Date**	**29th June, 2024**
• **Announcement of Results in Website**	**Will be notified later**

Examination Related Information

Basic Eligibility

1. Candidates applying for UG programs should have passed / appeared in higher secondary examination in the general or vocational stream under the West Bengal Council of Higher Secondary Educations or its equivalent examinations.

2. Candidates applying for PG programs should have passed/appeared in 3 / 4 years Bachelor's Degree/ Honours / Major or with a minimum of 140 credit point program from a recognised university.

3. Foreign students are not eligible to sit for CET examination. For any clarification, please contact MAKAUT Haringhata campus.

4. Degrees acquired from IGNOU and any open University within state jurisdiction are also eligible.

- **There is no upper age limit for any courses.**

The duly filled application form is to be downloaded, printed and kept for future reference.

Entrance Exam Syllabus

Group	Syllabus
UG	General Knowledge, Logical Reasoning, English, Numerical Ability.
PG 1	General Knowledge, Logical Reasoning, English, Mathematics , Biology or Chemistry
PG 2	General Knowledge, Logical Reasoning, English, Numerical Ability.
PG 3	English , Legal Reasoning , Legal Aptitude (In-house)

List of In-house UG Programmes

Sl No.	Name of the Programmes
1	B.Sc in Mathematics and Computing
2	B.Sc in IT (Artificial Intelligence)
3	B.Sc in IT (Data Science)
4	B.Sc in IT (Cyber Security)
5	B.Sc in Food Science & Technology
6	B.Sc in Robotics
7	B.Sc in Psychology
8	B.Sc in Animation, Film Making, Graphics & VFX
9	B.Sc in Biotechnology
10	B.Sc in Forensic Science
11	B.Sc in Media Science
12	BCA
13	BBA
14	BBA (Hospital Management)
15	BBA (Business Analytics)
16	BBA LL.B(H)

UG Eligibility Criteria Programme Wise

SL.NO	PROGRMME NAME	ELIGIBILITY
1.	BCA**	The student must have Mathematics / Computer Application / Computer Science as a subject of study in class 12.
2.	B.Sc in Mathematics and Computing	Passed/ appeared at the Higher Secondary examination or its Equivalent Examination with Mathematics subjects from recognized Board/ council/ University.
3.	Bachelor of Science in Robotics	Passed or appearing in 10+2 examination with Physics and Mathematics as compulsory subjects.
4.	BBA LL. B (Hons)	All candidates must have received a minimum of 45% in 10+2 from a recognized board in any of the Commerce or Arts or Science streams. Person belonging to scheduled cast, scheduled tribes, other Backward classes (OBC) shall be eligible to apply if they secure at least 40 % marks in the qualifying examination.
5.	B.Sc in Biotechnology	Higher secondary passed in Physics, Chemistry, Biology and/or Mathematics from a recognized Board.
	All other programmes	Passed or appearing in 10+2 examination

**** Students passed from any 10+2 stream are also eligible to apply for BCA programme subject to special prerequisite bridge courses as per student's academic requirement.**

List of In-house PG Programmes

Sl No.	Name of the Programmes
1	M.Sc in Chemistry
2	M.Sc in Mathematics and Computing
3	M.Sc in Bioinformatics
4	M.Sc in Biotechnology
5	M.Sc in Forensic Science
6	M.Sc in IT (Cyber Security)
7	M.Sc in IT (Data Science)
8	M.Sc in Materials Science
9	M.Sc in Microbiology
10	M.Sc in Applied Statistics & Analytics
11	M.Sc in Applied Psychology
12	M.Sc in Food Science & Nutrition
13	M.Sc in Food Science & Technology
14	M.Sc in Media Science
15	LL.M (Business Law)

PG Eligibility Criteria Programme Wise

	PG PROGRAMMES	
SL.NO	**PROGRAMME NAME**	**ELIGIBILITY**
1.	M.Sc in Applied Psychology	Graduation (any Discipline)
2.	M.Sc in Food Science and Technology	Honours/Major or with a minimum of 140 credit point in Food and Nutrition, Food Science/ Bachelor's Degree in any other relevant branch of science.
3.	M.Sc in Food Science and Nutrition	Honours/Major or with a minimum of 140 credit point in Food and Nutrition, Food Science/ Bachelor's Degree in any other relevant branch of Science
4.	M.Sc in Applied Statistics and Analytics	Honours/Major or with a minimum of 140 credit points in a bachelor's degree in Statistics/Mathematics/Computer Science or allied subject from any recognized University.
5.	M.Sc in Forensic Science	Any Science graduate with Honours or Major or Total Credit in UG course is at least 140 and above (Forensic Science, Digital Forensic, Physics, Chemistry, Zoology, Botany, Anthropology, Physiology, Computer Science, Biochemistry, Biotechnology, Life Science, Biological Science, Molecular Biology, Microbiology, Environmental Science, Genetics, Bachelors of Computer Applications, Cyber Security, Information Technology)
6.	M.Sc in Bioinformatics	B.Sc (Honours) or Graduation (Majors) or 140 Credit Point or B.Tech. in any Biological discipline (Bioinformatics, Biotechnology, Food Sc., Genetics, Molecular Biology, Microbiology, Pharmacy, Zoology, Botany, Physiology etc.), Graduate (Honours) in Physics, Chemistry, Mathematics etc., B.Sc. or B.Tech in Computer Science and Information Technology, BCA/MCA, B.Pharm, etc.
7.	M.Sc in IT (CS) / M.Sc in IT (DS)	Honours / Major or Minimum 140 Credit points earned in Comp. Sc. / IT / Mathematics / Physics / Statistics / Chemistry / BCA or equivalent UG program.
8.	M.Sc in Mathematics and Computing	Honours/ Major or with a minimum 140 credit point in Mathematics/ Information technology/ computer science/ Physics/ Statistics or allied subjects. Graduates of Engineering/ Technology are also eligible.
9.	M.Sc in Chemistry	1. Bachelor Degree with Chemistry (Hons.)/ Major or 140 credit points in graduation level is required from any UGC recognized college and University. 2. B. Tech in Chemical Engineering, Chemical Technology, polymer Science and Technology, Rubber Technology and Mettalurgy.
10.	M.Sc in Media Science	Graduate in any stream with Honours or with a minimum of 160 credits or equivalent.

11.	M.Sc in (Materials Science)	Bachelor's degree from a UGC- recognized university having honours/majoring in Materials Science/ Chemical Science/ Physical Science/ Mathematical sciences or other allied science subjects.
12.	LL.M (Business Law)	Candidate shall be eligible for admission if He/she has passed the Bachelor of Law [LL.B. 3 years, LL.B. 5 years integrated course, or LL.B (Hons.) 5 years integrated course] of University with not less than 50% marks and whose degree has been recognized by this University as equivalent. SC, ST and PwD. Candidates shall be provided with relaxation of 5% marks for admission. Final year graduate can also apply subject to fulfilment of above criteria.
13.	M.Sc in Biotechnology	B. Sc. (Hons.) in Biotechnology, Microbiology, Biochemistry, Genetics, Botany, Zoology, Molecular Biology, Life Sciences, Industrial Biotechnology, Food Technology and allied disciplines (Medical lab technology will not be considered) from a recognized University.

Programmes under PG 1

Sl No	PG 1	Programme
1	PG1	M.Sc in Data Science and Analytics
2	PG1	M.Sc in Information & Cyber Security
3	PG1	M.Sc in Applied Chemistry
4	PG1	M.Sc in Chemistry
5	PG1	M.Sc in Applied Economics
6	PG1	M.Sc in Applied Mathematics
7	PG1	M.Sc in Mathematics and Computing
8	PG1	M.Sc in Applied Statistics & Analytics
9	PG1	M.Sc in Bioinformatics
10	PG1	M.Sc in Biotechnology
11	PG1	M.Sc in Clinical Genetics
12	PG1	M.Sc in Computer Science
13	PG1	M.Sc in Data Analytics
14	PG1	M.Sc in Environmental Science
15	PG1	M.Sc in Food Science and Nutrition
16	PG1	M.Sc in Food Science and Technology
17	PG1	M.Sc in Human Computing and Artificial Intelligence
18	PG1	M.Sc in Forensic Science
19	PG1	M.Sc in IT (Big Data Analytics) [BDA]
20	PG1	M.Sc in IT (Cryptography and Network Security [CNS]
21	PG1	M.Sc in IT (Cyber Security) [CS]
22	PG1	M.Sc in IT (Data Science) [DS]
23	PG1	M.Sc in IT (Artificial Intelligence) [AI]
24	PG1	M.Sc in IT (Block Chain Technology) [BCT]
25	PG1	M.Sc in IT (Internet of things) [IOT]
26	PG1	M.Sc in Material Science
27	PG1	M.Sc in Microbiology

28	PG1	M.Sc in Molecular Biology
29	PG1	Master of Optometry

Programmes under PG 2

Sl no	PG 2	Programme
1	PG2	M.Sc in Animation & Graphic Design
2	PG2	M.Sc in Clinical Psychology
3	PG2	M.Sc in Dietetics and Nutrition
4	PG2	M.Sc in Fashion Management
5	PG2	M.Sc in Visual Communication
6	PG2	M.Sc in Yoga
7	PG2	M.Sc in Applied Psychology
8	PG2	M.Sc in Film and Television Production
9	PG2	M.Sc in Hospitality Management
10	PG2	M.Sc in Media Science
11	PG2	Master of Management Studies (Pharmaceutical Management)
12	PG2	Master of Public Health
13	PG2	Master of Tourism & Travel Management
14	PG2	MHA

Programme under PG 3

Sl no	PG 3	Programme
1	PG3	LL.M (Business Law)

1. The language used to write source materials in ancient time was
A) Sanskrit
B) Pali
C) Brahmi
D) Kharosthi

2. Which of the following countries have an Unwritten Constitution?
A) USA
B) UK
C) Pakistan
D) India

3. Who was the instigator of Bengal Asiatic Society in 1784?
A) Warren Hastings
B) Sir William Jones
C) James Mackintosh
D) James Princep

4. Find the odd one out
A) Mercury
B) Acetone
C) Petrol
D) Kerosene

5. Which word comes second in the English dictionary?
A) Marmalade
B) Maritime
C) Marine
D) Marigold

CHOOSE THE BEST ALTERNATIVE FOR THE IDIOM/PHRASE (Q NO 6 & 7)

6. His utopian idea was entertaining but no acceptable
A) Unworthy idea
B) Imaginary idea
C) Classic idea
D) Intelligent idea

7. A small fry
A) Unimportant
B) Weak

C) Little
D) Important

8. Who among the following won Nobel Prize in Science in two different disciplines?
A) David Lee
B) Madam Curie
C) Enrico Fermi
D) None of the above

9.Delhi became the capital of India in
A) 1917
B) 1910
C) 1916
D) 1931

10.The Karakoram Highway connects which of the following two countries?
A) India and Bangladesh
B) China and India
C) India and Nepal
D) China and Pakistan

11. When an entire gene has been removed from a chromosome by a mutation it is known as:
A) Deletion
B) Translocation
C) Substitution
D) Inversion

12.ELISA' test is used to diagnose
A) Polio virus
B) AIDS antibodies
C) Tuberculosis bacterium
D) Cancer

13. Among the following which biological tool is used by recombinant DNA technology?
A) Hormones
B) Fluids
C) Enzymes
D) None of the above

14. Which of the following is considered the most unifying concept in biology?
A) Taxonomy
B) Anatomy
C) Genetics
D) Evolution

15. All the following are basic properties of cells except
A) Cells have nuclei and mitochondria
B) Cells have a genetic programme and the means to use it
C) Cells are capable of producing more of themselves
D) Cells are able to respond to stimuli

Read the following Question below and answer the following: (16 TO 18)

Ravish and Kamlesh like Hockey and volleyball. Suresh and Ravish like Hockey and Badminton. Giri and Kamlesh like Chess and Vollyball. Suresh, Giri and Mukesh like Football.

16. Who like Chess, Hockey and Volleyball?
A) Suresh
B) Kamlesh
C) Ravish
D) Giri

17. Who likes Badminton, Chess, Football and Volleyball?
A) Suresh
B) Kamlesh
C) Giri
D) Ravish

18. Who likes Hockey, Volleyball and Badminton?
A) Suresh
B) Kamlesh
C) Ravish
D) Giri

19. If 4 x 6 x 2 = 351 and 3 x 9 x 8 = 287, then 9 x 5 x 6 = ?
A) 270
B) 845
C) 596
D) 659

20. In a certain code language 'MIGHT' is written as 'GHMTI' , Then how will 'EARTH' be written in the same code
A) RTEHA
B) RTEAH
C) RTAEH

List of Recognized Boards / Councils in India

Sl. No	Board / Council
1	International General Certificate of Secondary Education
2	Aligarh Muslim University, Aligarh
3	Andhra Pradesh Open School Society
4	Assam Higher Secondary Education Council
5	Assam Sanskrit Board (Guwahati)
6	Banasthali Vidyapith
7	Bhutan Higher Secondary Education Certificate (BHSEC)
8	Bihar Board of Open Schooling and Examination, Patna, Bihar
9	Bihar Intermediate Education Council, Patna (BIEC)
10	Bihar Sanskrit Shiksha Board, Patna
11	Bihar School Examination Board, Patna
12	Bihar State Madrasa Education Board, Patna
13	Board of High School and Intermediate Education, Uttar Pradesh
14	Tamil Nadu Board of Higher Secondary Education
15	AndhraPradeshBoardofIntermediateEducation
16	Uttarakhand Board of School Education
17	HaryanaBoardofSchoolEducation
18	Board of Secondary Education, Odisha
19	Board of Secondary Education, Andhra Pradesh
20	Board of Secondary Education, Rajasthan, Ajmer
21	Board of Secondary Education, Assam, Bamunimaidan, Guwahati
22	Board of Secondary Education, Manipur,Imphal
23	CBSE I (CBSE International)
24	Central Board of Secondary Education, New Delhi
25	Chhattisgarh Sanskrit Board, Raipur
26	Chhattisgarh Board Of Open School Raipur
27	Chhattisgarh Board of Secondary Education, Raipur
28	Chhattisgarh Madrasa Board
29	Council for the Indian School Certificate Examination
30	Council of Higher Secondary Education, Manipur
31	Council of Higher Secondary Education, Odisha
32	Dayalbagh Educational Institute (Deemed University), Agra
33	Edexcel, London (Uk)
34	Goa Board of Secondary & Higher Secondary Education
35	Gujrat Secondary & Higher Secondary Education Board
36	Himachal Pradesh Board of School Education
37	International Baccalaureate
38	Jamia Milia Islamia, New Delhi
39	Jammu & Kashmir State Board of School Education
40	Jharkhand Academic Council, Ranchi
41	Karnataka Board of the Pre-University Education
42	J S S Karnataka Open School
43	Karnataka Secondary Education Examination Board
44	Higher Secondary Education Govt of Kerala, Thiruvananthapuram
45	Kerala Board of Public Examinations
46	Kerala State open School, Thiruvananthapuram
47	Madhya Pradesh Board of Secondary Education
48	Madhya Pradesh State Open School ,Bhopal

49	Maharashtra State Board of Secondary & Higher Secondary Education
50	Maharishi Patanjali Sanskrit Sansthan, Bhopal
51	Meghalaya Board of School Education
52	Mizoram Board of School Education
53	Nagaland Board of School Education
54	National Institute of Open Schooling, Noida (Not eligible for Pharmacy course)
55	Punjab School Education Board
56	Rajasthan State Open School, Jaipur
57	Rajiv Gandhi University of Knowledge Technologies, Hyderabad
58	Rastriya Sanskrit Sansthan
59	School Education Department, Govt of Tamil Nadu
60	Telangana Open School Society
61	Telengana Board of Intermediate Education
62	The Haryana Open School
63	The Jammu & Kashmir State Open School
64	The Kerala State Higher Education Council
65	The West Bengal Council of Rabindra Open Schooling
66	Tripura Board of Secondary Education
67	U. P. Board of Secondary Sanskrit Education Council
68	Uttar Pradesh State Open School Board
69	Uttranchal Siksha evam Pariksha Parisad
70	Vishwa Bharti University, Shanti Niketan, Birbhum, WB
71	Vocational Higher Secondary Education Department, Govt of Kerala
72	West Bengal Board of Madrasa Education
73	West Bengal Council of Higher Secondary Education
74	West Bengal State Council of Vocational Education & Training
75	The Board of Open Schooling and Skill Education (BOSSE), Sikkim

If any candidate appeared/passed (10+2) Standard Examination from any Board/Council recognized/approved by the State Government/ Ministry of Human Resource Development, Government of India other than the above listed recognized Boards/Councils, he/she may apply for the examination and his/her admission will be decided solely by the University. Candidates are requested to go through our website for further modification, if any.

Link of Recognized Universities in India

https://www.ugc.gov.in/oldpdf/Consolidated%20list%20of%20All%20Universities.pdf

- **For Affiliated College list please refer to the University official website: https://makautwb.ac.in/page.php?id=194**

- **All the colleges and courses are subject to updation.**