JAM 2015

ELIGIBILITY REQUIREMENTS (ERs) AND MINIMUM EDUCATIONAL QUALIFICATIONS (MEQs) FOR ADMISSION

The Minimum Educational Qualifications (MEQs) for admissions to various Academic Programmes covered under JAM 2015 are given in **Appendix-A**, along with the names of the Test Papers with their Codes and the Institute offering the Academic Programmes. Admission to each of the Academic Programmes shall be offered on the basis of merit in the corresponding Test Paper(s) of JAM 2015. Admission to some programmes will additionally depend on an interview.

The candidates who qualify in JAM 2015 shall have to fulfill the following Eligibility Requirement (ER) for admissions in IISc and IITs.

(i) **For IISc Bangalore: First class** marks (as declared by the University) for Un-Reserved/OBC Category Candidates and **Second class** (as declared by the University) or **50%** aggregate marks, **without rounding off**, for SC/ST and PwD Category Candidates in the qualifying degree.

(ii) **For IIT Guwahati**: At least (a) **55%** marks or **6.0** CPI in a scale of 10, **without rounding off**, in Major/Honors and Pass in all other subjects, including Languages and Subsidiaries or (b) **60%** aggregate marks or **6.5** CPI in a scale of 10, **without rounding off**, taking into account all subjects, including Languages and Subsidiaries, all years combined, for Un-Reserved/OBC(NCL) Category Candidates; and at least (a) **50%** marks or **5.5** CPI in a scale of 10, **without rounding off**, in Major/Honors and pass in all other subjects, including Languages and Subsidiaries, or (b) **55%** aggregate marks or **6.0** CPI in a scale of 10, **without rounding off**, taking into account all subjects, including Languages and Subsidiaries, all years combined, for SC/ST and PwD Category Candidates, in the qualifying degree.

(iii) **For IIT Indore**: A **first class** in the qualifying degree. At IIT Indore, the First Class is defined as: (i) A minimum of **60%** marks for GEN/OBC (**55%** for SC/ST) category in aggregate or as specified by the university/institute OR (ii) A minimum CPI of **6.0** for GEN/OBC (**5.5** for SC/ST) category on the scale of 10; with corresponding proportional requirements when the scales are other than on 10 (for example 4.8 for GEN/OBC category (4.4 for SC/ST) on a scale of 8) OR (iii) A first class as specified by the university/institute.

(iv) **For IIT Jodhpur:** A **first class** in the qualifying degree. The First Class is defined as: (i) A minimum of **60%** marks for GEN/OBC (**55%** for SC/ST) category in aggregate or as specified by the university/institute OR (ii) A minimum CGPA of **6.5** for GEN/OBC (**6.0** for SC/ST) category on the scale of 10; with corresponding proportional requirements when the scales are other than on 10 (for example 5.2 for GEN/OBC category (4.8 for SC/ST) on a scale of 8) OR (iii) A first class as specified by the university/institute.

(v) **For all other IITs:** At least **55%** aggregate marks, **without rounding off**, (taking into account all subjects, including Languages and Subsidiaries, all years combined) for Un-Reserved/OBC Category Candidates and at least **50%** aggregate marks, **without rounding off**, (taking into account all subjects, including Languages and Subsidiaries, all years combined) for SC/ST and PwD Category Candidates in the qualifying degree.

For Candidates with letter grades/CGPA (instead of percentage of marks), the equivalence in percentage of marks will be decided by the Admitting Institute(s).

Proof of having passed the Qualifying Degree with the Minimum Educational Qualifications (MEQ) as specified by the admitting institute should be submitted by **September 30, 2015**.

Note:

(a) It will entirely be the responsibility of the Candidate to prove that he/she satisfies the Minimum Educational Qualifications (MEQs) and Eligibility Requirements (ERs) for Admissions.

(b) The Admitting Institute has the right to cancel, at any stage, the admission of a candidate who is found to have been admitted to a course to which he/she is not entitled, being unqualified or ineligible in accordance with the rules and regulations in force.

Appendix-A: Test Papers and their Codes, corresponding Academic Programmes offered by the Admitting Institutes and their Minimum Educational Qualifications for Admission

Test Paper (Test paper code)	Academic Programme(s)	Institute(s)	Minimum Educational Qualification(s) for Admission
Biological Sciences (BL)	Integrated Ph.D. in Biological Sciences	IISc Bangalore	Bachelor's degree in Biology or Chemistry or Physics or Mathematics. The candidates should have passed Biology at the Higher Secondary (10+2) level.
	Integrated Ph.D.in Chemical Sciences	IISc Bangalore	B.Sc. or an equivalent degree with Chemistry as one of the subjects. The candidates should have passed mathematics at the PUC or the Higher Secondary (10+2) level.
	M.Sc.- Ph.D. Dual Degree in Biotechnology	IITB	Bachelor's degree in any branch of Science/ Agriculture / Pharmacy / Veterinary / Engineering / Medicine (MBBS). The candidate should have passed Mathematics at the Higher Secondary (10+2) level.
Biotechnology (BT)	Integrated Ph.D.in Biological Sciences	IISc Bangalore	Bachelor's degree in Biology or Chemistry or Physics or Mathematics. The candidates should have passed Biology at the Higher Secondary (10+2) level.
	M.Sc. Biotechnology	IITB, IITR	Bachelor's degree in any branch of Science/ Agriculture / Pharmacy / Veterinary / Engineering / Medicine (MBBS). NOTE: For IITB only, the candidates should have passed Mathematics at the Higher Secondary (10+2) level.
	M.Sc.- Ph.D. Dual Degree in Biotechnology	IITB	
	M.Sc.- Ph.D. Dual Degree in Environmental Science and Engineering	IITB	Bachelor's degree with any one of Biology, Biotechnology, Chemistry, Mathematics and Physics for two years/four semesters, and any one of the other four subjects for at least one year/two semesters. The candidate should have passed Mathematics at Higher Secondary (10 + 2) level.
Chemistry (CY)	Integrated Ph.D. in Chemical Sciences	IISc Bangalore	B.Sc. or an equivalent degree with Chemistry as one of the subjects. The candidates should have passed mathematics at the PUC or Higher Secondary (10+2) level.
	Integrated Ph.D. in Biological Sciences	IISc Bangalore	Bachelor's degree in Biology or Chemistry or Physics or Mathematics. The candidates should have passed Biology at the Higher Secondary (10+2) level.
	M.Sc. Chemistry	IITG	A bachelor's degree (at least 10+2+3) with Chemistry as a major/honours subject and Mathematics and Physics as other subjects, with a minimum of 55% or 6.0 CPI in a scale of 10, without rounding off, in major/honours subject (50% or 5.5 CPI in a scale of 10, without rounding off, for SC/ST/PwD candidates). **OR** Candidates having a bachelor's degree (at least 10+2+3) *without (Major/Honours)* must have the concerned degree with *(a) Chemistry as a subject for three years/six semesters, (b) minimum 2(Two) courses in Mathematics, (c) minimum 2(Two) courses in Physics*, and (d) minimum 60% aggregate marks or 6.5 CPI in a 10-point scale, without rounding off (55% marks or 6.0 CPI in a 10-point scale, without rounding off, for SC/ST/PwD candidates).

Test Paper (Test paper code)	Academic Programme(s)	Institute(s)	Minimum Educational Qualification(s) for Admission
Chemistry (CY)	M.Sc. Chemistry	IITB, IITD, IITGN, IITH, IITI, IITJ, IITK, IITM, IITR	Bachelor's degree with Chemistry as a subject for three years/six semesters and should have passed Mathematics at the Higher Secondary (10+2) level.
	Joint M.Sc.- Ph.D. in Chemistry	IITBBS, IITKgp	
	M.Sc.- Ph.D. Dual Degree in Chemistry	IITB	
	M.Sc.- Ph.D. Dual Degree in Energy	IITB	Bachelor's degree with any one of Chemistry, Mathematics and Physics for two years/four semesters and any one of the remaining two subjects for at least one year/ two semesters.
	M.Sc.- Ph.D. Dual Degree in Environmental Science and Engineering	IITB	Bachelor's degree with any one of Biology, Biotechnology, Chemistry, Mathematics and Physics for two years/four semesters, and any one of the other four subjects for at least one year/two semesters. The candidate should have passed Mathematics at Higher Secondary (10 + 2) level.
	M.Sc.- Ph.D. Dual Degree in Biotechnology	IITB	Bachelor's degree in any branch of Science/ Agriculture / Pharmacy / Veterinary / Engineering / Medicine (MBBS). The candidate should have passed Mathematics at the Higher Secondary (10+2) level.
	Joint M.Sc.- Ph.D in Atmosphere and Ocean Sciences	IITBBS	Bachelor's degree with Mathamatics and Physics and any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.
	M.Sc.-M.S.(Research)/Ph.D Dual Degree in Chemistry	IITRPR	Bachelor's degree with Chemistry as one of the subject and should have passed Mathematics at the Higher Secondary (10+2) level.
Geology (GG)	M.Sc. Applied Geology	IITB, IITR	Bachelor's degree with Geology as a subject for three years/six semesters and any two subjects among Mathematics, Physics, Chemistry, and Biological Science. The candidate should have passed Mathematics at Higher Secondary (10+2) level.
	Joint M.Sc.- Ph.D. in Geology	IITKgp	
	Joint M.Sc.- Ph.D. in Geophysics	IITKgp	
	M.Sc.- Ph.D. Dual Degree in Applied Geology	IITB	
	Joint M.Sc.- Ph.D. in Geology	IITBBS	Bachelor's degree with Geology as a subject for three years/six semesters and any two subjects among Mathematics, Physics and Chemistry. The candidate should have passed Mathematics at Higher Secondary (10+2) level.
	Joint M.Sc.- Ph.D in Atmosphere and Ocean Sciences	IITBBS	Bachelor's degree with Mathamatics and Physics and any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.
Mathematics (MA)	Integrated Ph.D. in Mathematical Sciences	IISc Bangalore	Bachelor's degree in science or engineering with mathematics as a subject for three years/six semesters.
	Integrated Ph.D. in Biological Sciences	IISc Bangalore	Bachelor's degree in Biology or Chemistry or Physics or Mathematics with Biology at the Higher Secondary (10+2) level.
	M.Sc. Mathematics	IITB, IITD, IITGN, IITI, IITK, IITM, IITRPR	Bachelor's degree with Mathematics as a subject for at least two years/four semesters.

Test Paper (Test paper code)	Academic Programme(s)	Institute(s)	Minimum Educational Qualification(s) for Admission
Mathematics (MA)	M.Sc. Mathematics / Mathematics and Computing	IITH	Bachelor's Degree with Mathematics as one of the core subjects.
	M.Sc. Mathematics and Computing	IITG	A bachelor's (at least 10+2+3) degree *with* major/honours in Mathematics and a minimum of 55% marks or 6.0 CPI on 10-point scale, without rounding off (50% marks or 5.5 CPI on 10-point scale, without rounding off, for SC/ST/PwD candidates) in major/honours only **OR** A bachelor's (at least 10+2+3) degree* *without* major/honours in Mathematics but with Mathematics as a subject for two years/four semesters and a minimum 60% aggregate marks or 6.5 CPI on 10-point scale, without rounding off (55% aggregate marks or 6.0 CPI on 10-point scale, without rounding off, for SC/ST/PwD candidates). * (including major/honours in Computer Science)
	M.Sc. Mathematics	IITR	Bachelor's degree with Mathematics / Statistics as a subject for at least two years/four semesters.
	Joint M.Sc.- Ph.D. in Mathematics	IITBBS, IITKgp	
	M.Sc.- Ph.D. Dual Degree in Operations Research	IITB	
	M.Sc.- Ph.D. Dual Degree in Environmental Science and Engineering	IITB	Bachelor's degree with any one of Biology, Biotechnology, Chemistry, Mathematics and Physics for two years/four semesters, and any one of the other four subjects for at least one year/two semesters. The candidate should have passed Mathematics at Higher Secondary (10 + 2) level.
	M.Sc.- Ph.D. Dual Degree in Energy	IITB	Bachelor's degree with any one of Chemistry, Mathematics and Physics for two years/four semesters and any one of the remaining two subjects for at least one year/ two semesters.
	Joint M.Sc.- Ph.D in Atmosphere and Ocean Sciences	IITBBS	Bachelor's degree with Mathamatics and Physics and any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.
	M.Sc. in Mathematics	IITJ	Bachelor's degree with Mathematics as a subject for three years/six semesters and should have passed Mathematics at the Higher Secondary (10+2) level.
Mathematical Statistics (MS)	Integrated Ph.D. in Mathematical Sciences	IISc Bangalore	Bachelor's degree in Science or Engineering with Mathematics as a subject for three years or six semesters.
	M.Sc. Applied Statistics and Informatics	IITB	Bachelor's degree with either Mathematics or Statistics as a subject for at least two years or four semesters.
	M.Sc.- Ph.D. Dual Degree in Operations Research	IITB	
	M.Sc. Statistics	IITK	Bachelor's degree with Statistics as a subject for at least two years or four semesters
	Joint M.Sc.- Ph.D in Atmosphere and Ocean Sciences	IITBBS	Bachelor's degree with Mathamatics and Physics and any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.
PHYSICS (PH)	Integrated Ph.D. in Physical Sciences	IISc Bangalore	B.Sc. or equivalent degree with Physics as one of the main subjects.
	Integrated Ph.D. in Biological Sciences	IISc Bangalore	Bachelor's degree in Biology or Chemistry or Physics or Mathematics. The candidates should have passed Biology at the Higher Secondary (10+2) level.

Test Paper (Test paper code)	Academic Programme(s)	Institute(s)	Minimum Educational Qualification(s) for Admission
PHYSICS (PH)	Integrated Ph.D. in Chemical Sciences	IISc Bangalore	B.Sc. or an equivalent degree with Chemistry as one of the subjects. The candidates should have passed mathematics at the PUC or Higher Secondary (10+2) level.
	M.Sc. Physics	IITH	Bachelor's degree with Physics as a major subject and Mathematics as one of the subjects.
	M.Sc. Physics	IITG	A bachelor's degree (at least 10+2+3) with Physics as a major/honours subject and Mathematics as one of the other subjects with a minimum of 55% or 6.0 CPI in a scale of 10 in major/honours subject, without rounding off (50% or 5.5 CPI in a scale of 10, without rounding off, for SC/ST/PwD candidates). **OR** A bachelor's degree (at least 10+2+3) with Physics as a subject for at least two years/four semesters and Mathematics for at least one year/two semesters with a minimum of 60% or 6.5 CPI in a scale of 10 in aggregate, without rounding off (55% or 6.0 CPI in a scale of 10, without rounding off, for SC/ST/PwD candidates).
	M.Sc. Physics	IITB, IITD, IITI, IITK, IITM, IITR, IITGN	Bachelor's degree with Physics as a subject for at least two years/four semesters and Mathematics for at least one year/two semesters.
	Joint M.Sc.- Ph.D. in Physics	IITBBS, IITKgp	
	Joint M.Sc.- Ph.D. in Geophysics	IITKgp	
	M.Sc.- Ph.D. Dual Degree in Physics	IITB, IITK	
	M.Sc.(Physics)-M.Tech (Materials Sciences with specialization in Nano-Science & Tech.)	IITB	
	M.Sc. Applied Geophysics	IITB	Bachelor's degree with Physics and Mathematics/Mathematical Physics as subjects for two years/four semesters and at least one of them as subject for three years/six semesters.
	M.Sc.- Ph.D. Dual Degree in Applied Geophysics	IITB	
	M.Sc.- Ph.D. Dual Degree in Energy	IITB	Bachelor's degree with any one of Chemistry, Mathematics and Physics for two years/four semesters and any one of the remaining two subjects for at least one year/ two semesters.
	M.Sc.- Ph.D. Dual Degree in Environmental Science and Engineering	IITB	Bachelor's degree with any one of Biology, Biotechnology, Chemistry, Mathematics and Physics for two years/four semesters, and any one of the other four subjects for at least one year/two semesters. The candidate should have passed Mathematics at Higher Secondary (10 + 2) level.
	M.Sc.- Ph.D. Dual Degree in Biotechnology	IITB	Bachelor's degree in any branch of Science/ Agriculture / Pharmacy / Veterinary / Engineering / Medicine (MBBS). The candidate should have passed Mathematics at the Higher Secondary (10+2) level.
	Joint M.Sc.- Ph.D in Atmosphere and Ocean Sciences	IITBBS	Bachelor's degree with Mathamatics and Physics and any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.
	M.Sc.- M.S.(Research)/Ph.D Dual Degree in Physics	IITRPR	Bachelor's degree with Physics for three years/six semesters and Mathamatics/Statistics for at least two years/four semesters.
	M.Sc. in Physics	IITJ	Bachelor's degree with Physics as a subject for three years/six semesters and should have passed Mathematics at the Higher Secondary (10+2) level.