UCEED 2015

Information Brochure
UCEED 2015 &
B. Des. Admission
IDC, IIT Bombay

About this Brochure

This brochure is available ONLY as a digital copy to the candidates. However, the GATE-JAM-CEED office at IIT Bombay will have some printed copies for reference.

Changes and/or updates to the document, if any, will be notified as addendum ONLY on the official UCEED website (www.uceed.in).

Candidates are advised to download this brochure only from the official UCEED website and check for any updates on the website before submitting their applications.

Release Date: 6 April 2015

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Table of Contents

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1. GENERAL INFORMATION

The Undergraduate Common Entrance Examination for Design 2015 (UCEED 2015) will be conducted by Indian Institute of Technology (IIT) Bombay under the guidance of the UCEED Admissions Committee 2015.

UCEED 2015 is open to all nationals (Indian/Foreign). Candidates seeking admission to the Bachelor Degree programme in Design (B. Des.) at IIT Bombay should appear in UCEED 2015.

Foreign nationals are required to satisfy the rules and regulations of IIT Bombay pertaining to the admission to foreign students. For further details, they are advised to visit the IIT Bombay International Relations Office webpage, http://www.ir.iitb.ac.in/

To apply for admission to the B. Des. programme at IIT Bombay, a candidate is required to qualify in UCEED as well as satisfy the Minimum Educational Qualifications (MEQ).

The candidates appearing in the final examination of their qualifying degree in 2015 should ensure that: (a) all parts of their final examination are completed by the date of registration in IIT Bombay, and (b) proof of having passed the qualifying certificate with required eligibility, as specified by IIT Bombay, is submitted by September 30, 2015.

Candidates should note the mere appearance in UCEED 2015 or being in the rank list neither guarantees nor provides any automatic entitlement to admission. UCEED qualified candidates will have to apply separately for admission as per the prescribed procedure. Admissions shall be made in order of merit in each category.

UCEED 2015 score is valid only for admission to the academic year 2015-2016.

It will entirely be the responsibility of the candidate to provide the correct information regarding the MEQ and category during the application process. IIT Bombay has the right to cancel, at any stage, the admission of a candidate in accordance with the rules and regulations in force, if it is found that any information provided by the candidate is not true.

With regard to the interpretation of the provisions on any matter not covered in this Information Brochure, the decision of the Organizing Institute (IIT Bombay) shall be final and binding on all the parties concerned.

In all matters concerning UCEED 2015, the decision of the Organizing Institute or the Organizing Chairperson, UCEED 2015 will be final and binding on all the applicants.

Although UCEED 2015 is held at different centres across the country, Indian Institute of Technology Bombay is the Organizing Institute and has the overall responsibility of conducting UCEED 2015. In case of any claims or disputes arising in respect of UCEED 2015, it is hereby made absolutely clear that the Mumbai High Court alone shall have the exclusive jurisdiction to entertain and settle any such disputes and claims.

2. THE INSTITUTE

Indian Institute of Technology Bombay is an institution of national importance established through Acts of Parliament for fostering excellence in education.

The institute is recognised worldwide as a leader in the field of education and research. Reputed for the outstanding calibre of students graduating from its undergraduate and postgraduate programmes, the institute attracts the best students from the country for its Bachelor, Master and Doctoral programmes. Research and academic programmes at IIT Bombay are driven by faculties, who are reputed for their research contributions internationally.

Over the years, IIT Bombay has created a world class educational platform that is dynamically sustained through quality teaching and internationally acclaimed research with excellent infrastructure and the best available minds. The faculty and alumni of IIT Bombay occupy key positions in academia and industry, both in India and abroad, and continue to make a considerable impact in all sections of the society.

Located in Powai, one of the northern suburbs of Mumbai, the residents of the institute reap the advantage of being in the busy financial capital of India, while at the same time enjoying the serenity of a campus known for its natural beauty. Being a fully residential institute, all the students are accommodated in hostels with in-house dining; the campus also provides excellent amenities for sports and other recreational facilities.

Vision of IIT Bombay:
To be the fountainhead of new ideas and of innovators in technology and science.

Mission of IIT Bombay:
To create an ambience in which new ideas, research and scholarship flourish and from which the leaders and innovators of tomorrow emerge.

The primary objectives of IIT Bombay are as follows:

o To create an environment that encourages freedom of thought and pursuit of excellence, and inculcates the necessary vision and self-discipline to achieve excellence.
o To build a solid foundation of scientific and technical knowledge and to prepare competent and motivated engineers and scientists.
o To kindle an entrepreneurial spirit among the students.
o To prepare the students to become outstanding professionals and contribute to nation-building.

3. B. Des. PROGRAMME AT IDC, IIT BOMBAY

Industrial Design Centre (IDC) at IIT Bombay has a well-established Master of Design degree (M. Des.) programme in Industrial Design, Visual Communication, Animation Design, Interaction Design & Mobility and Vehicle Design as well as a Ph. D. programme in Design.

IDC provides a conducive environment for research, academics and collaborative projects. Supported by excellent research facilities, technical expertise and academic diversity of IIT Bombay, IDC has been involved with various initiatives in all areas of design. The potential for innovation at IDC lies fundamentally in terms of solving real world problems. Read more about IDC at: http://www.idc.iitb.ac.in.

From the year 2015 onwards, IDC will offer a four year, eight semester Bachelor of Design (B. Des.) programme and a five year, ten semester dual degree B. Des. + M. Des. programme. However, the option of doing the dual degree, B. Des. + M. Des. will be available only at the end of the 3rd year. **The total number of seats sanctioned for both these programmes together is 30.**

Both these programmes would be credit-based and thus offer the flexibility to progress at one's own pace. A minimum level of performance is essential for satisfactory progress. The medium of instruction is English.

Students admitted to the B. Des. programme will not be eligible for branch change to any other undergraduate programmes offered by IIT Bombay at any time during the entire duration of the programme.

4. SCHEDULE OF UCEED 2015

UCEED is a computer based examination of 3 hours duration and will be held as per the following schedule:

Date	Sunday, May 31, 2015
Session 1	09:00 to 12:00
Session 2 (if required)	14:00 to 17:00

o Every effort will be made to accommodate all applicants in Session 1. In case, the expected number of applicants exceeds the estimated exam capacity, a second exam will be conducted in Session 2. Only in such a case, candidates will be assigned to Session 2.

o The two sessions will have different question papers, but with the same number of questions, same total marks and with identical difficulty levels, which will be moderated for consistency and parity.

o In case the exam is conducted in two sessions, the scores will be normalized and the ranks will be prepared ONLY with the normalized scores and NOT with the original scores of the candidates.

o UCEED 2015 will adopt the GATE 2015 normalization method to take into account any variation in the difficulty levels of the question papers across the two sessions. (For more details, refer to Annexure 4).

5. CITIES WHERE UCEED 2015 WILL BE HELD

UCEED 2015 will be held in the following 9 cities in India: **Ahmedabad, Bengaluru, Chennai, Delhi, Guwahati, Hyderabad, Kolkata, Mumbai and Pune.**

Candidates should compulsorily choose 3 cities of their choice, in the order of preference, at the time of online registration. Once the application is submitted, request for change of city will NOT be entertained under any circumstances.

If enough number of candidates are not available in a listed city, then the city may be dropped from the final list, and those candidates will be allotted a centre in the city of either their second choice or third choice. However, because of operational constraints, the UCEED 2015 Committee reserves the right to add a new city/town or remove an existing one and allot a city/town that may not be any of the choices of a candidate.

An examination city may have more than one examination centre. A request for change of a centre within the same city/town will also NOT be permitted under any circumstances.

6. NATIONALITY

Candidates who are NOT citizens of India at the time of registering for UCEED 2015 (by birth or naturalized) are treated as foreign nationals. Seats allotted to foreign nationals are supernumerary. However, appearing in UCEED is a must for the admission. The availability of supernumerary seats will be announced at the time of seat allocation.

7. RESERVATION OF SEATS

Indian nationals belonging to certain categories are admitted under the seats reserved for them in accordance with the rules of the Government of India. The categories and the extent of reservation are as follows:

- o Other Backward Classes belonging to the Non-Creamy Layer (OBC-NCL) – 27% of seats in the course. The backward class should be in the central list of OBCs (http://www.ncbc.nic.in) as of June 1, 2014.
- o Candidates belonging to the creamy layer of OBC are NOT entitled for reservation. Such candidates are treated as belonging to the general (GEN) (i.e., unreserved) category.
- o Scheduled Caste (SC) – 15% of seats in the course.
- o Scheduled Tribe (ST) – 7.5% of seats in the course.
- o The benefit of reservation will be given only to those castes and tribes that are mentioned in the respective central list of corresponding states published by the Government of India. (http://socialjustice.nic.in/sclist.php and http://tribal.nic.in/Content/list%20of%20Scheduled%20Tribes%20in%20India.aspx).
- o Persons with Disability (PwD) – 3% of seats from the parent category in the course.

- Leprosy-cured candidates who are otherwise fit to pursue the course are also included in PwD category.
- Candidates belonging to the OBC-NCL, SC, ST and PwD categories will be declared as qualified on the basis of a relaxed criterion [see 22. RANK LISTS].
- Unfilled seats in the OBC-NCL category can be allotted to GEN category candidates whereas seats remaining vacant under the SC and ST categories shall NOT be allotted to candidates belonging to other categories.
- The 3% reservation for PwD candidates, which is translated to 1 seat, will be cycled over in a 4-year period category-wise in the sequence, GEN, OBC, SC and ST. Thus for the academic year 2015-16, the 1 PwD seat will be allotted from the General category. If the PwD seat remains unfilled in a particular year, it will be reverted back to the category from which the PwD seat was assigned for that year.
- **The category chosen by a candidate at the time of registration for UCEED 2015 will be final and requests for any change of category will NOT be entertained at a later date.**
- Foreign nationals are outside the ambit of reservation of seats under the OBC-NCL, SC, ST and PwD categories as specified herein.
- The following table shows the summary of seat distribution of admissions to academic year 2015-2016:

Category	GEN	OBC	SC	ST	Total
% Allotment	50.5%	27%	15%	7.5%	100%
No. of Seats	14 + 1 (PwD)	8	5	2	30

8. ELIGIBILITY CRITERIA FOR APPEARING IN UCEED 2015

A candidate, including a foreign national, must fulfil each and every one of the following three criteria to appear in UCEED 2015.

Criterion 1 – Age limit:

The candidate should have been born on or after October 1, 1995 if belonging to the GEN or OBC-NCL category and on or after October 1, 1990 if belonging to the SC, ST or PwD category.

Criterion 2 – Number of attempts:

A candidate can attempt UCEED for a maximum of two times and that too in consecutive years. However, UCEED 2015 being the first UCEED examination, it will be the first attempt for all candidates.

Criterion 3 – Class XII (or equivalent) examination:
The candidate should have passed their Class XII (or equivalent) examination in 2014, OR passed or appeared in 2015.

Those who appeared for the first time in their Class XII (or equivalent) examination in 2013 or earlier are NOT eligible.

9. EXAMINATIONS CONSIDERED AS EQUIVALENT TO CLASS XII

- o The final examination of the 10+2 system, conducted by a Central or State Board recognized by the Association of Indian Universities (www.aiuweb.org).
- o Intermediate or two-year Pre-University examination conducted by a Board or University recognized by the Association of Indian Universities.
- o Final examination of the two-year course of the Joint Services Wing of the National Defence Academy.
- o Senior Secondary School Examination conducted by the National Institute of Open Schooling with a minimum of five subjects.
- o Any Public School, Board or University examination in India or in a foreign country recognized as equivalent to the 10+2 system by the Association of Indian Universities (AIU).
- o H.S.C. vocational examination.
- o A Diploma recognized by the All India Council for Technical Education (www.aicte-india.org) or a State Board of Technical Education of at least 3 years duration.
- o General Certificate Education (GCE) examination (London, Cambridge or Sri Lanka) at the Advanced (A) level.
- o High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Office, Geneva.
- o Candidates who have completed Class XII (or equivalent) examination outside India or from a Board not specified above should produce a certificate from the Association of Indian Universities to the effect that the examination they have passed is equivalent to the Class XII examination.
- o In case the Class XII examination is not a public examination, the candidate must have passed at least one public (Board or Pre-University) examination earlier.

10. ELIGIBILITY REQUIREMENT FOR B. Des.

- o For admission to B. Des. the candidate should have passed in the Class XII (or equivalent) board examination.
- o If a Board awards only letter grades without providing information on the passing grade on the grade sheet, the candidate should obtain a certificate from the Board specifying the passing grade and submit it at the time of online acceptance of the allocated seat. In case such a certificate is not provided, the decision taken by the B. Des. Admissions Committee will be final.

- The criteria, as specified above, is applicable "in toto" to all the candidates including foreign nationals.

11. REGISTRATION FOR UCEED 2015

- Candidates should register for appearing in UCEED 2015. Registration is through the online portal www.uceed.in ONLY.
- Candidates should satisfy ALL THE THREE eligibility criteria [see 8. ELIGIBILITY CRITERIA FOR APPEARING IN UCEED 2015].
- Registration will be cancelled if, at a later date, it is found that the candidate does not meet any of the three eligibility criteria.
- Application for UCEED 2015 CANNOT be withdrawn after registration is completed.
- Application fee is NEITHER refundable NOR transferable.
- Detailed instructions for the online registration are provided on the registration portal.

Online registration portal	www.uceed.in
Online registration begins	April 10, 2015, 17:00
Online registration closes	April 25, 2015, 23:45

12. REGISTRATION FEE FOR UCEED 2015

Following is the registration fee structure for UCEED 2015.

Category	Gender		
	Male	Female	Third*
GEN/ OBC-NCL	Rs.2000	Rs.1000	Rs.2000
SC/ST/PwD	Rs.1000	Rs.1000	Rs.1000

* NOTE: As per latest order of Supreme Court of India, third gender includes only trans-genders, eunuchs and hijras. Lesbians, gays and bisexuals need to select either *Male* or *Female* option as appropriate.

- The registration fee shown above DOES NOT INCLUDE service charges, processing fees and any other charges that the banks may charge.
- Detailed instructions related to the payment of registration fee are given on the online registration portal.

13. APPLICATION PROCEDURE

The following THREE-step procedure is necessary for the successful completion of the ONLINE Application. For more details, visit the UCEED website, www.uceed.in. It is the responsibility of the candidate to go through the UCEED Brochure available online to understand the exact procedures for UCEED application and B. Des. admission.

Step 1: Registration

   i. All the candidates must first REGISTER online before proceeding to fill the application form. You may do this by clicking the Apply Online link on the UCEED website.
  ii. During the registration, one must provide a valid email address and an active mobile number since the UCEED office will use these contacts for all future communications to the candidates.
 iii. Once the registration page is submitted, an email will be sent to the registered email address with a link for validating the email address (in case one does not find the email in the Inbox, please check the Junk/SPAM folder). A password will also be sent to the registered mobile number, which has to be used for completing the registration process. If a wrong email address and/or mobile number was provided, then one must register afresh with the correct details.
  iv. Do not delete the email sent to you. This will be useful for future reference.
   v. When you click on the emailed link, you will be provided with a login screen, where you have to enter your email address as the user id and the password sent through SMS. On successful login, you will be provided an application form to fill in and an application id (UC15 followed by a 6 digit number; e.g., UC15123456).

Step 2: Completing the ONLINE Application Form

   i. In the ONLINE application web page, enter your personal details.
  ii. Choose an exam city. You have to provide ALL three choices.
 iii. Upload the files containing photograph, signature, eligibility certificate and other supporting documents.
  iv. Before Clicking 'Pay FEE & Submit', you must check whether the information filled by you is correct through the 'Preview' option, as you CANNOT edit the form after submitting it.
   v. **Application procedure will be completed ONLY if the application is submitted by clicking the 'Pay FEE & SUBMIT' button**.

Step 3: Paying the Application Fee

Note:
a) It is the responsibility of the candidate to make sure that he/she is eligible for UCEED 2015. Application Fee will not be refunded even if the application is rejected.

b) If a candidate makes multiple payments for the same application, the refund will be made only after 15 May 2015.

i. When you click 'Pay FEE & Submit' button, you will be redirected to Bill Desk for UCEED application fee payment.

ii. Applicants can make the fee payment using Internet banking, Credit card or Debit card through Bill Desk. Details of making payments are available on the UCEED website, www.uceed.in.

iii. Once your payment is successfully completed, you will get a confirmation page. Keep a copy of this. This is only for your reference. Do not send this to the UCEED office.

iv. You can 'Save' the application form any time before Clicking 'Pay FEE & Submit' button, to logout, and to login back again and continue the application process.

v. However, if the application filling page remains idle for more than 30 minutes, the session will expire. In such a case, you will have to login again and continue from your last saved session.

vi. Application forms, incomplete in any way, will be summarily rejected and the application will be considered invalid.

14. SERVICES OF A SCRIBE AND EXTRA TIME

o The services of a scribe (amanuensis) are available to candidates who have disability in the upper limbs or have lost fingers/hands thereby preventing them from operating the computer for the exam.

o To avail this benefit, the candidate should select the option in the online application form and upload a copy of the PwD certificate (Annexure 2) or a copy of the certificate of dyslexic candidate (Annexure 3), whichever is applicable, at the time of online registration for UCEED 2015.

o If a PwD candidate wants to avail extra time (maximum of one hour), the same request should be mentioned while filling the application form. PwD certificate is to be uploaded along with such requests.

o The UCEED 2015 Committee will assess the request along with the supporting document and if found eligible, contact you via email with further instructions.

o If it is found that a candidate has used the services of a scribe and/or extra time, but DOES NOT possess the extent of disability that warrants the use of a scribe and/or extra time, he/she will be excluded from the process of evaluation, ranking and admission. If the candidate has already been admitted, his/her admission will be cancelled.

15. DOCUMENTS REQUIRED FOR REGISTRATION FOR UCEED 2015

Given below is a list of certificates and other documents that are to be uploaded at the time of online registration for UCEED 2015.

All candidates
- o A recent colour photograph of full frontal (face) view, with the head centred in the frame covering 70-80% of the photograph and taken within the last six months. The photograph should be such that it allows unambiguous identification of the candidate (only JPEG image formats with file extension .jpg will be accepted).
- o Scanned copy of candidate's full signature on white paper (only JPEG image formats with file extension .jpg will be accepted).
- o Class XII (or equivalent examination) certificate, if appeared in 2014 (only PDF formats with file extension .pdf will be accepted).
- o Scanned copy of the hall ticket/admit card of the BOARD EXAM for those who are appearing/appeared in 2015. For those who do not possess the hall ticket/admit card of the board exam, a certificate from the school/college principal in the given format (Annexure 1) should be uploaded (only PDF formats with file extension .pdf will be accepted).
- o If the name is not same as in the Class XII certificate, gazette notification showing the change of name (only PDF formats with file extension .pdf will be accepted).

Male Candidates seeking admission under the SC, ST or PwD category
- o Caste (for SC), tribe (for ST) or PwD certificate issued by a competent authority, if you are claiming reduced registration fee (only PDF formats with file extension .pdf will be accepted).

PwD Candidates requiring Scribe and/or Extra Time
- o Disability certificate (Annexure 2) issued by a district medical board / competent authority. Dyslexic candidate needs to submit Annexure 3 instead of Annexure 2 (only PDF formats with file extension .pdf will be accepted).

16. ADMIT CARD
- o Candidates whose application is complete in all aspects will be able to download the admit card for UCEED 2015 from the online registration portal (www.uceed.in) from the specified date.
- o The admit card will bear the following details of the candidate: Name, Registration ID, Roll Number for UCEED 2015, photograph, signature, examination schedule, examination centre details and instructions to candidates.
- o Candidates should carefully examine the entries in the admit card and in case of any discrepancy, contact the Chairperson, UCEED 2015 at IIT Bombay before the specified date.

- o In case the admit card is not available for downloading, the candidate should contact the Chairperson, UCEED 2015 at IIT Bombay.
- o A copy of the downloaded admit card should be produced at the time of examination.

Portal for downloading admit card	www.uceed.in
Admit card downloading	May 18, 2015, 17:00
Last date for rectification of discrepancies in the admit card	May 28, 2015, 17:00

17. QUESTION PAPER

- o There will be ONE question paper of 3 hours duration.
- o The question paper will be in English.
- o The question paper will be administered through a computer based test.
- o The question paper will carry a total of 300 marks.
- o The question paper will contain a total of 100 questions distributed among the 6 topics provided in the syllabi.
- o The question paper will consist of 3 sections.
- o **Section A: Numerical Answer Type (NAT)** questions. For NAT type questions, the answer is a number that needs to be entered using a virtual keyboard in the computer screen. No choices will be shown for these questions. There is NEGATIVE marking for this section. Each correct answer will be awarded 3 marks and each wrong answer will be awarded –1 mark. Questions not attempted will be given zero mark.
- o **Section B: Multiple Select Questions (MSQ)**. Each MSQ has <u>one or more</u> correct answer(s) out of the four given choices. The candidate gets 3 marks only if ALL the correct answers are selected. There is NO NEGATIVE or PARTIAL marks for this section. Questions not attempted will be given zero mark.
- o **Section C**: **Multiple Choice Questions (MCQ)**. Each MCQ has four choices out of which <u>only one</u> is the correct answer. There is NEGATIVE marking for this section. Each correct answer will be awarded 3 marks and each wrong answer will be awarded –1 mark. Questions not attempted will be given zero mark.

18. DAY OF THE EXAMINATION

- o Candidates must carry a printed copy of the downloaded admit card. Only candidates having a valid admit card will be allowed to write the examination.
- o The candidate's identity will be verified by invigilators as well as IIT representatives. If the identity of the candidate is in doubt, the candidate may not be allowed to appear for the examination. However, the authorities at their discretion may permit the candidate to appear for the examination after completing certain formalities. No extra time will be allowed for

completing the examination in lieu of the time taken for completing these formalities.

- o Impersonation in the examination is a serious offence and will lead to disqualification of the candidate from UCEED.
- o Candidates will NOT be allowed to carry electronic devices (mobile phones, smart phones, calculators, tablets etc.), abacus, slide rule, log books, study material of any type, geometry box, etc. to the examination hall.
- o Candidates have to remain in the examination hall for the entire duration of the paper.

19. SYLLABI

The exam will have questions from the following six topics:

Visualization and spatial ability
Pictorial and diagrammatic questions to test: understanding of transformation and/or manipulation of 2D shapes and 3D objects and their spatial relationships; knowledge of practical and everyday mechanical and scientific concepts.

Observation and design sensitivity
Ability to detect concealed properties in ordinary things, people, situations, and events, and thinking critically about them. Applying attention to certain details, analysing, reasoning, classifying, inferring and predicting. Ability to discern subtle differences in visual properties and aesthetic outcomes.

Environmental and social awareness
General awareness of environmental factors such as climate, population, water, vegetation, pollution, weather, natural resources etc., and their implications on the design of products, images, infrastructure and environment. Awareness of social and cultural connection with design, history of the designed artefact, and socially responsible and environmentally sustainable design responses. History of art, sculpture and literature.

Analytical and logical reasoning
Ability to look at information, be it qualitative or quantitative in nature, and discern patterns within the information. Ability to weigh opinions, arguments or solutions against appropriate criteria. Ability to check for hidden bias or hidden assumptions and whether evidence and argument support conclusions. Ability to use logic and structured thinking to deduce from a short passage, which of a number of statements is the most accurate response to a posed question. Data Interpretation, brainteasers, and patterns.

Language and creativity
Ability to understand and use Standard English. Reading comprehension, knowledge of English grammar such as sentence structure and usage, the use of tenses, verb patterns, articles, and active and passive constructions etc., and vocabulary skills. Ability

to think creatively in terms of alternatives, ability to distinguish innovative options and think out of the box.

Design thinking and problem solving
Ability to use visual analogies, metaphors, signs and symbols. Ability to understand complexity, identify problem, generate alternatives, evaluate options and select solutions.

20. REVIEW, REGRADING OR RETOTALLING

- Since the examination is a computer based test, there is no scope for review, re-grading or re-totalling of the examination paper.
- However the UCEED 2015 Question Paper and Answer Key will be uploaded on the UCEED online portal on June 2, 2015.
- Candidates can check the Answer Key and compare their answers to know the correct answers.
- Any discrepancy/comment must be addressed to uceed@iitb.ac.in, on or before 5th June, 2015. Candidates have to mention "Comments about Answers" in the subject of the mail.
- Final decision regarding the answer keys will be taken by the UCEED committee after consolidating all the comments from the candidates and the paper setting team. This decision will be binding on all the candidates.

21. RESULTS OF UCEED 2015

- Results will be declared on June 10, 2015.
- UCEED results will be available on the website, www.uceed.in. Candidates need to use their Registration ID and password (created during registration) for viewing the results on the webpage.
- UCEED qualified students will be able to download their score cards from June 15, 2015.
- Hard copy of the UCEED score card will not be available and hence will not be sent to the qualified candidates.
- Obtaining a rank in UCEED 2015 does not guarantee admission to the B. Des. programme.

22. RANK LISTS

- Rank lists will be prepared based on the total marks in UCEED 2015. However, if the exam is conducted in two sessions, the rank list will be prepared ONLY on the normalized total marks.
- There will be only ONE rank list, i.e., there will be no separate category-wise rank lists. However, cut-off marks for each category will be mentioned in the rank list.
- If the total marks scored by two or more candidates are same, then the following tie-break policy will be used for awarding ranks:

- Higher rank will be assigned to the candidate who has obtained higher marks in Section B.
- If this does not break the tie, higher rank will be assigned to the candidate who has obtained higher marks in Section A.
- If there is a tie even after this, candidates will be assigned the same rank.
  - o Only candidates who score the minimum prescribed marks in each Section of the question paper and minimum total marks will be included in the rank list. The minimum prescribed marks varies with the category. These are as shown in the following table.

Minimum prescribed marks for inclusion in the rank list

Merit List	Minimum % of marks in each Section	Minimum Total Marks
Common rank list (CRL)	10	100
OBC-NCL rank list	9	90
SC rank list	5	50
ST rank list	5	50
PwD rank list	5	50

23. ADMISSION PROCEDURE FOR B. Des.

- o Only UCEED qualified students can apply for admission to the B. Des. programme at IIT Bombay for the academic year 2015-2016.
- o The application procedure and online application form will be provided on the UCEED website after the results are announced.
- o The first round of admission will be announced on 3rd July 2015. Category wise admission will be based on the ranks obtained by the candidates.
- o If the selected candidates do not pay the fees before the deadline or decline the admission, their application will stand cancelled. These vacant seats will be filled during the second round of admissions on 12th July 2015.
- o If these selected candidates do not pay the fees before the deadline or decline the admission, their application will stand cancelled. If vacant seats still exist, a selected number of applicants (depending on the number of available vacant seats), who are on the top of the remaining rank list, will be called for spot admission prior to the UG orientation at IIT Bombay (the exact date will be intimated to the applicants).
- o It is the responsibility of the candidate to be present in person with the necessary documents and fees for such spot admissions. Spot admission will also be based on the category wise rank and hence is not guaranteed for all those who are present during the spot admission.

24. FORMATS FOR CERTIFICATES

The formats for the various documents/certificates that have to be uploaded at the time of registration for UCEED 2015 are given in the Annexures section. It contains the following forms:

Annexure 1 – Certificate from school/college Principal for candidates who do not have the hall ticket/admit card of their BOARD EXAM
Annexure 2 – Medical certificate for persons with disabilities (PwD)
Annexure 3 – Certificate for Dyslexia

25. IMPORTANT DATES

Activity	Date
Start date for Online Registration	April 10, 2015, 17:00
Last date for Online Registration	April 25, 2015, 23:45
Start date for Admit Card downloading	May 18, 2015, 17:00
Last date for rectification of discrepancies in the admit card	May 28, 2015, 17:00
UCEED 2015 Examination	May 31, 2015
Release of UCEED 2015 Answer Key	June 02, 2015, 17:00
Last date for sending Comments about Answer Key	June 05, 2015, 17:00
Declaration of result	June 10, 2015, 17:00
Start date for Score Card downloading	June 15, 2015, 17:00
Online application filling for B. Des. programme	June 15-25, 2015
1st admission list	July 03, 2015
2nd admission list	July 12, 2015
Seat allocation through spot admission (if required)	Before UG Orientation Program at IIT Bombay

26. CONTACT DETAILS

Chairman UCEED 2015
GATE-JAM-CEED Office
Indian Institute of Technology Bombay
Powai, Mumbai 400076

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27. ANNEXURES

1. Annexure 1 – Certificate from school/college Principal for candidates who do not have the hall ticket/admit card of their BOARD EXAM
2. Annexure 2 – Medical certificate for persons with disabilities (PwD)
3. Annexure 3 – Certificate for Dyslexia
4. Annexure 4 – Method of Normalization

Annexure 1: Certificate from school/college Principal

Name of the candidate: _____

Year of appearing or passing XII class: _____

Name of the School: _____

Address: _____

_____

_____

_____

Email: _____ Phone: _____

Photograph of the candidate attested by the school/college principal with school/college seal
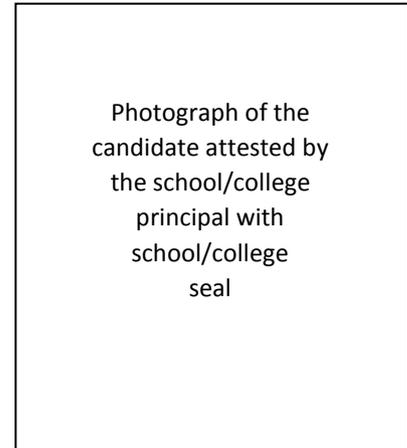
This is to certify that _____ is a bonafide student of our school/college.

This is issued in lieu of the Board Examination hall ticket/admit card which is required document for registration for the Undergraduate Common Entrance Examination in Design (UCEED) 2015 conducted by IIT Bombay.

_____   _____

Signature of the candidate   Signature of the school/college Principal

Official Seal:

(Certificate without the attestation of the photograph as well as the signature and official seal of the principal/headmaster will be rejected)

Annexure 2: Medical Certificate for Persons with Disabilities (PwD)

NAME AND ADDRESS OF THE INSTITUTE/HOSPITAL _____

Certificate No. _____   Date: _____

1. This is to certify that Smt/Shri/Kum _____-- son/daughter of Shri _____ age _____ Male/Female having identification marks as below:
_____
is suffering from permanent disability of following category:

Paste here your recent colour photograph showing the disability (The photograph should be attested by the Chairperson of the Medical Board)

Signature of the candidate

A. Locomotor or cerebral palsy:
(i)   BL – Both legs affected but not arms.
(ii)   BA- Both arms affected : a) Impaired reach b) Weakness of grip
(iii) OL-One leg affected (right or left): a) Impaired reach b) Weakness of grip c) Ataxic
(iv)   OA- One arm affected (right or left): a) Impaired reach b) Weakness of grip c) Ataxic
(v)   BH- Stiff Back and hips (cannot sit or stoop)
(vi)   MW- Muscular Weakness and limited physical endurance.

B. Blindness or Low Vision : (i) B-Blind (ii) PB- Partially Blind
C. Hearing Impairment: (i) D-Deaf (ii) PD- Partially Deaf. (Delete the category whichever is not applicable)
2. This condition is progressive/non-progressive/likely to improve/ not likely to improve. Re-assessment of this case is not recommended/ recommended after a period _____ years _____months.
3. Percentage of disability in his/ her case is _____ Percent.

4. Smt./Shri/Kum _____ meets the following physical requirement for discharge of his/her duties.

(i) F-can perform work by manipulating with fingers	Yes	No
(ii) PP-can perform work by pulling and pushing	Yes	No
(iii) L--can perform work by lifting	Yes	No
(iv) KC-can perform work by kneeling and crouching	Yes	No
(v) B-can perform work by bending	Yes	No
(vi) S-can perform work by sitting	Yes	No
(vii) ST-can perform work by standing	Yes	No
(viii) W-can perform work by walking	Yes	No
(ix) SE-can perform work by seeing	Yes	No
(x) H-can perform work by hearing/speaking	Yes	No
(xi) RW-can perform work by reading and writing	Yes	No

(Signature of Doctor)   (Signature of Doctor)   (Signature of Doctor)
Name: Name: Name:
Registration No.:   Registration No.:   Registration No.:
Member Medical Board   Member Medical Board   Member Chairperson,
                                                                          Medical Board

*Please delete the words which are not applicable
Place: Date:

Counter Signature of the Medical Superintendent/CMO/Head of Hospital (with seal)

Note : **(i)** According to the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full participation) Rules, 1996 notified on 31.12.1996 by the Central Government in exercise of the powers conferred by sub-section (1) and (2) of Section 73 of the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995 (1 of 1996), authorities to give disability Certificate will be a Medical Board duly constituted by the Central or the State Government. The State Government may constitute a Medical Board consisting of at least three members out of whom at least one shall be a specialist in the particular field for assessing locomotor/hearing & speech disability, mental retardation and leprosy cured, as the case may be. **(ii)** The certificate would be valid for a period of 5 years for those whose disability is temporary. For those who acquired permanent disability, the validity can be shown as permanent.

Annexure 3: Certificate for Dyslexia

FORMAT OF MEDICAL CERTIFICATE TO BE PRODUCED BY DYSLEXIC CANDIDATE

[To avail the service of an amanuensis (scribe) and compensatory time (20 min per hour)]

Name and address of the Government Hospital / Government-recognized NGO issuing the certificate
_____

Date:

PSYCHO-EDUCATIONAL EVALUATION REPORT

Photograph of the candidate attested by the clinical psychologist issuing the certificate

Name of the candidate:

Date of Birth:

Registration in the hospital / NGO {date / number}:

Name of the Father/Mother/Guardian:

Standard and Name of the School / College:

Physical & Neurologic Assessment: [   ]

Psychological Assessment: [   ]

WISC   **Verbal   IQ:**

                     Performance IQ:

                     Full Scale IQ:

Interpretation:

Educational Assessment: [   ]

Certified that:

1. The percentage of handicap is **NOT LESS** than 40%.
2. The disability is **PERMANENT** in nature.

Learning Disability is a permanent developmental disorder. Currently there are no standard approved methods to quantify the disorder. However the method of diagnosis is based on significant impairment in academic achievement. Thus a disorder that is diagnosed implies a disability amounting to not less than 40%.

Recommendations:

(Name, Signature, Seal and Registration number of Clinical Psychologist qualified to issue this certificate recognized by the Central or a State {including Union Territories} Government)

Annexure 4: Method of Normalization

If UCEED 2015 is conducted in two sessions, the following normalization is applied to take into account any variation in the difficulty levels of the question papers across the two sessions. The normalization is done based on the fundamental assumption that "in all multi-session exam papers, the distribution of abilities of candidates is the same across all the sessions". This assumption is justified since the number of candidates appearing in the two papers in UCEED 2015 will be large and the procedure of allocation of session to candidates will be random. Further, the number of candidates allotted in each session of UCEED 2015 will be of the same order of magnitude.

Based on the above, and considering various normalization methods, the UCEED 2015 committee arrived at the following formula for calculating the normalized marks, Session 1 and Session 2 papers (See GATE 2015 Information Brochure, Page 73 for details).

Normalized Mark of jth candidate in the ith session $\widehat{M}_{ij}$ is given by:

$$\widehat{M_{ij}} = \frac{\bar{M}_t^g - M_q^g}{\bar{M}_{ti} - M_{iq}}\left(M_{ij} - M_{iq}\right) + M_q^g$$

Where,

- $\widehat{M}_{ij}$ is the actual marks obtained by the jth candidate in i^{th} session
- $\bar{M}_t^g$ is the average marks of the top 0.1% of the candidates considering both sessions
- M_q^g is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions
- $\bar{M}_{ti}$ is the average marks of the top 0.1% of the candidates in the ith session
- M_{iq} is the sum of the mean marks and standard deviation of the ith session

After the evaluation of the answers, normalized marks based on the above formula will be calculated corresponding to the raw marks obtained by a candidate for Session 1 and Session 2 papers. **ONLY this normalized marks will form the basis for the rank list**.