CENTRE FOR ENERGY STUDIES

Shortlisting criteria for Ph.D. Programme in Centre for Energy Studies (ESZ) for Academic Session 2021-2022
(I Semester)

a) Qualifying degree as M.Tech./ M.E./ M.S.(R) (Chemical, Electrical, Electrical and Electronics, Energy, Instrumentation, Materials, Mechanical, Nano Science, Physics)

Category		Minimum percentage/CGPA
General/ GEN-EWS/ OBC	≥	75% or 7.5/10
SC/ ST/ PwD	≥	70% or 7.0/10

And B.Tech./ B.E. in (Chemical, Electrical, Electrical and Electronics, Energy, Mechanical, Engineering Physics)

Category		Minimum percentage/CGPA
General/ GEN-EWS/ OBC	≥	65% or 6.5/10
SC/ ST/ PwD	≥	60% or 6.0/10

b) Qualifying degree as M.Sc. (Materials, Nano Science, Physics)

Category		Minimum percentage/CGPA
General/ GEN-EWS/ OBC	≥	65% or 6.5/10
SC/ ST/ PwD	≥	60% or 6.0/10

And B.Sc.

Category		Minimum percentage/CGPA
General/ GEN-EWS/ OBC	≥	55% or 5.5/10
SC/ ST/ PwD	≥	50% or 5.0/10

Additionally, the candidate must have a valid Gate Score for full time Ph.D. as follows:

Category		Minimum GATE Score
General/ GEN-EWS/ OBC	≥	450
SC/ ST/ PwD	≥	250

Or must have qualified for fellowship under CSIR/UGC NET/ICAR/ICMR/ DST/INSPIRE for full time Ph.D.

c) Qualifying degree as B.Tech. (Chemical, Electrical, Electrical and Electronics, Energy, Engineering Physics, Mechanical)

Category		Minimum percentage/CGPA
General/ GEN-EWS/ OBC	≥	75% or 7.5/10
SC/ ST/ PwD	≥	70% or 7.0/10

With valid Gate score as follows for Full Time Ph.D.

Category		Minimum GATE Score
General/ GEN-EWS/ OBC	≥	750
SC/ ST/ PwD	≥	600

Note:

(i) For part-time candidates with M.Tech./ M.S.(R)/ M.Sc as qualifying degree, minimum two years of experience as on **2nd August 2021** is required along with the above- mentioned requirements in (a) or (b).

(ii) For part-time candidates with B.Tech. as qualifying degree, minimum five years of experience as on **2nd August 2021** is required along with the above-mentioned requirements in (c).

(iii) Requirement of qualification in GATE / National Exam is waived for the following categories of applicants:

    (a) Currently registered students in Centrally Funded Technical Institutes (CFTIs) pursuing B.Tech./ B.E./ Integrated M. Tech./ Integrated M. Sc. programmes, who have completed 6 semesters or more, and have CGPA of 8.000 or above (on a 10-point scale). Such students must obtain a CGPA of 8.000 or above at the time of graduation, and before they formally register for the Ph.D. programme (80% aggregate marks, if marks are the primary mode of evaluation);

    (b) Graduates of CFTIs (in the programmes marked under (i)) with a final graduation CGPA of more than 8.000 (80% aggregate marks, if marks are the primary mode of evaluation);

    (c) M.A or M.Sc. graduates from IITs with CGPA 8.000 or above.

    (d) For part time candidates with M.Sc. or B. Tech. degree and satisfying the criteria as mentioned in (i) and (ii) above.

(iv) The applications belonging to disciplines other than those mentioned above have not been considered by the CRC.

(v) The interviews for admission in Ph.D. program of CES for Semester I of 2021-2022 will be held from **7th June 2021 to 11th June 2021**. The candidates are requested to be ready with their internet arrangement on the scheduled date and time. The date and time of interview will be informed to the candidates through email on the address provided by them in application form.

(vi) If any candidate is fulfilling the above-mentioned criteria but he/she has not been called for written test - interview, he/she may contact CES office through phone (011-26591251) or email (hodces@admin.iitd.ac.in) for any clarification before the date of commencement of interviews (**07/06/2021**).

Centre for Energy Studies

May 28, 2021

Subject: Ph.D. Interview at Centre for Energy Studies (ESZ), IIT Delhi for I Semester, 2021-2022

Dear Candidate,

Thank you for your interest in pursuing Ph.D. at Centre for Energy Studies (CES), IIT Delhi. We are glad to inform you that you have been shortlisted for the next round of admission process.

You are required to provide a brief statement of purpose (SOP) (250 words max. in size-12 Times New Roman Font, Double line-spacing) for your Ph.D. candidature, clearly mentioning the area you intend to work in, research objective(s) and the title on the research area mentioned in the application. Before writing SOP, the candidates must get the details of faculty members expertise and their areas of interest at CES website (https://ces.iitd.ac.in/index.php?page=faculty). In addition to SOP submission, the candidates must send self-attested scanned copies of all relevant documents indicated in (A) and/or (B) below, as a single PDF file, to Head CES through an email at hodces@admin.iitd.ac in latest by **1st June 2021, 5:00 P.M**.

(A) Details of the documents required (as applicable):

    (i)   Degree certificates and marks transcripts of all qualifying examinations, Masters and/or Graduation (M.Tech./M.E./M.S.(R)/B.Tech./B.E./M.Sc./B.Sc).

    (ii)   Score Card of GATE/CEED/Other National Level Examination (if applicable).

    (iii)   OBC (Non-creamy Layer)/SC/ST/PH certificate (if applicable) as per prescribed format in http://www.ncbc.nic.in.

    (iv)   Original Sponsorship and No-objection Certificate (for Sponsored/Part-Time Candidates) (exactly in the wordings given in Information Brochure 2021-2022 on PG admission website, page 10, points 5 and 6).

    (v)   Income and Asset Certificate (for EWS candidates) issued by a Competent Authority (Revenue Officer), not below the rank of Tehsildar in prescribed format (https://ces.iitd.ac.in). Proof of candidate's claim for reservation benefit under

Economically Weaker Sections (EWSs) can only be availed upon production of Income and Asset Certificate in original.

(B) In case you do not have any of the above-stated document(s) applicable to your candidature, please send a signed undertaking letter stating that you would provide the same within one week of your interview (https://ces.iitd.ac.in). If it is not possible to provide the document(s) within a week, state the reason for it and the date by which you would be able to submit.

(C) At the time of verification before the interview, you should produce all your original documents including identity card.

(D) The candidate must certify in their email that he/she will produce the original document(s) at the time of admission, if selected.

The interview for Ph.D. admission at CES would commence from **07.06.2021 to 11.06.2021 online through video conferencing mode using Microsoft Teams**. Exact scheduled date and time of your interview would be informed to you through a separate email on the address provided by you in your application form.

You should note the important points regarding the online interview as given below:

1. Interview may cover mainly your academic achievements, fundamentals of energy related subjects, and demonstration of your research and academic background to pursue research in the interested area.

2. This call for interview is subjected to your satisfying the eligibility and shortlisting criteria given on our website. Shortlisting of your application is done based on information provided by you in your application form, which is subject to the validation of scores as per your degree certificates before the interview. Please note that you must calculate the percentage of aggregate marks as per the norms given in IIT Delhi brochure. If it is found at the time of verification, or later that a candidate does not satisfy the shortlisting or eligibility criteria such as Qualifying Degree, Minimum CPI or Percentage of Marks and all other requirements given on our website, then his/her candidature shall be cancelled at any stage of the admission process/ admission shall be cancelled if he/she is selected for admission.

3. On the day of interview, document verification would be done prior to the interview, time for which would be informed to you through a separate email on/before 06.06.2021. Candidate must be online at least 20 minutes prior to the scheduled time of document verification. **He/she**

should keep ready the above-mentioned relevant documents in original along with identity proof (Aadhar card/Pan card/Driving License etc.) and interview call letter. Upon successful document verification, candidates would be provided with another link for the interview and the exact time.

4. Make sure to keep your video (and audio) on during verification and interview. Once your interview is over, you should not rejoin the interview link due to any reason whatsoever.

5. If a candidate fails to join the link provided for interview at his/her scheduled time, he/she should contact the Head CES Office immediately at hodces@admin.iitd.ac.in, dibakar@iitd.ac.in, spathak@ces.iitd.ac.in. Otherwise, it will be presumed that the candidate is not willing to appear for the interview and will be treated as absent.

6. List of provisionally selected candidates will be displayed after the interviews on CES Website. Selected candidates would also be informed through email. No candidate would be intimated by post/other modes of communication. No further communications regarding the selection will be entertained. If selected, candidates would be given a week's time to deposit the fees, details of which can be found in Information Brochure 2021-2022 on PG admission website, page 16).

7. Fee once paid for a particular programme will not be adjusted/transferred if the student gets selected subsequently and joins in another programme. Candidate will have to pay the fee for the new programme he/she joins and apply for refund of fee earlier paid for programme he/she wishes to withdraw. Refund of fee will be made as per rules of the Institute.

8. For any discrepancy in your candidature with respect to the shortlisting criteria (given on website), inform us through email.

For any clarifications, you may write to hodces@admin.iitd.ac.in, dibakar@iitd.ac.in, spathak@ces.iitd.ac.in, call the telephone No. 011-2659-1251 with the subject "Regarding Ph.D. (ESZ) Admissions".

Note: To download call letter, please login to Admission portal.

Head, CES

OBC Reservation: Information and Certificate Template

Based on the Office Memorandum No. 1-1/2005-U.1.A/847 dated 20.04.08 issued by MHRD, Government of India, 27% seats are reserved for non-creamy layer OBC candidates in the admission to the PG programmes. The candidates who have applied to be considered for seats reserved for non-creamy layer OBC, should bring the OBC non-creamy layer certificate at the time of the interview.

The conditions for the same are as follows:-

(i)   The reservation of seats for socially and educationally backward class/OBCs is only for those listed as OBC in both central and state lists. Updated list of state-wise OBCs who are eligible for availing benefit of admission is available on the website http://ncbc.nic.in/Centrallistifobc.html

(ii)   The creamy layer among the OBCs have been excluded from the benefit of reservation. The definition of creamy layer is available at the website: http://ncbc.nic.in/Creamylayer.html

(iii)   OBC Non-creamy layer certificate template follows:

<div align="center">FORM-OBC-NCL</div>

<div align="center">**OBC-NCL Certificate Format**</div>

<div align="center">FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES (NCL)
APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER
THE GOVERNMENT OF INDIA</div>

This is to certify that Shri/Smt./Kum* _____Son/ Daughter* of Shri/Smt.*_____of Village/ Town* _____ District/Division*_____ in the State/Union Territory_____belongs to the _____community that is recognized as a backward class under Government of India**, Ministry of Social Justice and Empowerment's Resolution No._____dated_____ ***

Shri/Smt./Kum._____and/or_____his/her family ordinarily reside(s) in the_____ District/Division of the_____State/Union Territory. This is also to certify that he/she does NOT belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93 Estt. (SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004, further modified vide OM No. 36033/3/2004 Estt. (Res.) dated 14/10/2008, again further modified vide OM No.36036/2/2013 Estt (Res) dtd. 27/05/2013 and O.M. No. 36033/1/2013-Estt. (Res.) dated 13.09.2017.

<div align="right">District Magistrate / Deputy Commissioner /
Any other Competent Authority</div>

Dated:

Seal

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1. Please delete the word(s) which are not applicable.
2. As listed in the **Annexure** (for FORM OBC NCL)
*** The authority issuing the certificate needs to mention the details of Resolution of Government of India, in which the caste of the candidate is mentioned as OBC.

NOTE:
   a) The term 'Ordinarily resides' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
   b) The authorities competent to issue Caste Certificates are indicated below:
      (i) District Magistrate/ Additional Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner/ Deputy Collector/ Ist Class Stipendiary Magistrate/ Sub Divisional magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
      (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
      (iii) Revenue Officer not below the rank of Tehsildar' and
      (iv) Sub Divisional Officer of the area where the candidate and/or his family resides

ANNEXURE for FORM OBC NCL

Sl. No.	Resolution No.	Date of Notification
1	No.12011/68/93 BCC(C)	13.09.1993
2	No.12011/9/94 BCC	19.10.1994
3	No.12011/7/95 BCC	24.05.1995
4	No.12011/96/94 BCC	09.03.1996
5	No.12011/44/96 BCC	11.12.1996
6	No.12011/13/97 BCC	03.12.1997
7	No.12011/99/94 BCC	11.12.1997
8	No.12011/68/98 BCC	27.10.1999
9	No.12011/88/98-BCC	06.12.1999
10	No.12011/36/99-BCC	04.04.2000
11	No.12011/44/99-BCC	21.09.2000
12	No.12015/9/2000-BCC	06.09.2001
13	No.12011/1/2001-BCC	19.06.2003
14	No.12011/4/2002-BCC	13.01.2004
15	No.12011/9/2004-BCC	16.01.2006
16	No.12011/14/2004-BCC	12.03.2007
17	No.12011/16/2007-BCC	12.10.2007
18	No.12018/6/2005-BCC	30.07.2010
19	No. 12015/2/2007-BCC	18.08.2010
20	No.12015/15/2008-BCC	16.06.2011
21	No.12015/13/2010-BC-II	08.12.2011
22	No.12015/5/2011-BC-II	17.02.2014

Government of_____
(Name & Address of the authority issuing the certificate)

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No_____

Date:_____

VALID FOR THE YEAR_____

 This is to certify that Shri/Smt./Kumari_____son/daughter/wife of_____permanent resident of_____, Village/Street_____ Post Office_____ District_____ in the

State/Union Territory_____Pin Code whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her family** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year_____. His/her family does not own or possess any of the following assets***:

I.   5 acres of agricultural land and above;
II.   Residential flat of 1000 sq. ft. and above;
III.   Residential plot of 100 sq. yards and above in notified municipalities;
IV.   Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.

2 Shri/Smt./Kumari_____belongs to the_____caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office_____
Name_____
Designation_____

Recent
Passport
size attested
photograph
of the
applicant

*Note 1:
Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2: The term 'Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

***Note 3: The property held by a "Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

UNDERTAKING for not submission of the scanned document(s) on before the interview (To be filled only if any of the required document is not available)

I understand that I am given opportunity to appear for the interview through video conferencing based on information given in my application. I will show the certificate of Degree/ Category/Experience/NOC, by ……………. Date in DD/MM/YY format.

Name: Application Number:

Certificate to be submitted: