

Announcement for PhD Programme in Economics 2021
Department of Economics
University of Calcutta

Applications are invited for PhD Programme in Economics [**at most 21 seats with full concurrence with the reservation policy**] from candidates having the following eligibility conditions: Candidates with at least 55% marks in Economics at the Master's level from any other UGC recognized university are eligible to apply for the programme by appearing in the Research Entrance Test (RET). Candidates belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories as per the UGC norm need to have at 50% to apply for the programme and to sit in the RET. The candidates who will qualify in the RET will have to appear in an interview for final selection. Those who have qualified in UGC/CSR (JRF)/NET/SET/SLET or already obtained M.Phil degree would be exempted from appearing in the RET and will be eligible directly for appearing directly in the interview.

Those who have done the pre-submission seminar and completed the Viva-voce process by **31st January 2021** in M. Phil in Economics (or related discipline like Development Studies, Foreign Policy Management, etc. with Masters degree in Economics) from any UGC recognized university and are awaiting results would also be exempted from RET and be eligible to appear directly in the interview. They are required to submit their enrolment certificate and a letter from the Head of their respective Departments or higher authority of the University saying that they have fulfilled the above-mentioned criterion. If selected, the M. Phil. Candidates are required to submit their result by 30th April (Friday) 2021 failing which their admission would stand cancelled. Candidates are advised to note the **following dates** in connection with application for PhD Programme in Economics

- Forms to be downloaded from the university website from: **16th March 2021 (Monday)**
- Application for PhD program including that for the Research Entrance Test (RET) with SOP(not exceeding 1000 words) to be submitted by **30th March 2021 (Tuesday)** in the Office of the Department of Economics, University of Calcutta;
- Date of RET Examination: **5th April (Monday) from 1.00 pm-3.00 pm. (mode of examination will be in offline or online mode as per decision of the University Authority)**
- Date of Publication of RET Result: **12th April 2021 (Monday)**
- Date of Interview: **16th April 2021 (Friday) and 19th April 2021 (Monday) from 11 am. (mode of interview will be in offline or online mode as per decision of the University Authority)**

In the written examination there will be no multiple choice questions (MCQ). Questions will be on Economic Theory, Quantitative Economics and Contemporary Global and Indian Economic Problems. 60 percent of the marks is allotted for Microeconomic Theory, Macroeconomic Theory, Statistics and Econometrics and Mathematical Economics and 40 percent for essay type questions on Contemporary Global and Indian Economy problems. The qualifying marks in entrance test will be 50% for all categories of students [vide Calcutta University PhD Regulations 2016, page 4, paragraph 5.4]

The final selection of the candidates will be based on interview performance. As per the University of Calcutta regulation 2016, the candidate's interview performance will be judged on three criteria: the competence for the proposed research, whether the research work can be suitably undertaken at the Institution/College and whether the proposed area of research can contribute to new/additional knowledge. The marks divisions for each criterion in this case is as follows – 40% for the competence of the candidate for the proposed research, 20% for whether the research work can be suitably undertaken at the Institution/College and 40 % whether the proposed area of research can contribute to new/additional knowledge. The cut off qualifying marks for admission is 50% in interview for unreserved candidates and it will be vary as per rules for reserved category students.

The following topics will constitute the broad syllabus for RET

- **Microeconomic Theory:** Consumer Behavior, Theory of Firm, Analysis of Market Structure, Theory of Distribution, General Equilibrium, Welfare Economics, Asymmetric Information, Public Goods & Externalities;
- **Macroeconomic Theory:** National Income Accounting, Aggregate Demand-Simple Keynesian Model, IS-LM Model, Interaction Between Aggregate Demand & Aggregate Supply- Short-run & Long-run Equilibrium, Rational Expectation, Classical Full Employment Model- Determination of Real Wage, Interest Rate & Price Level, Real Business Cycle, Demand for Money, Supply of Money, Consumption Function, Investment Function, Inflation, Growth, Open-economy Macroeconomics;
- **Statistics & Econometrics:** Measures of Central Tendency, Dispersion, Higher Order Moments, Correlation, Theory of Probability, Theory of Statistical Inference, Classical Linear Regression Model (both 2-variable & k-variable cases)- Estimation, Hypothesis Testing & Prediction, Heteroskedasticity, Autocorrelation & Multicollinearity, Simultaneous Equation System & the Problem of Identification; Time Series and Panel Data Analysis;
- **Mathematical Economics:** Optimization in Economics (Static & Dynamic), System of Simultaneous Equations and Cramer's Rule, Input-Output Analysis, Linear Programming, Elements of Game Theory;
- **Contemporary Global and Indian Economic Problem:** Globalisation and Economic Order, Indian Planning Experience, Post-plan Reforms and Indian Economic Issues.

Arijita Dutta,
Professor and Head,
Department of Economics,
University of Calcutta

Note

- 1) Forms are to be downloaded from https://www.caluniv.ac.in/admission/CU_RET_Form.pdf
- 2) All candidates (including those who will appear directly in interview) will have to fill up the form. Students will have to submit a SOP(statement of purpose) not exceeding 1000 words, one passport sized photograph, self attested photocopies of the relevant testimonials like final mark sheets and certificates, birth certificate, evidence (if any) of qualifying UGC/CSR(JRF)/NET/SET/SLET/Equivalent Examination, certificate if any belonging to SC/ST/OBC-A/OBC-B/PC, relevant certificate from HOD or University Authorities for candidates who are yet to complete M.Phil (as mentioned in the advertisement) etc. along with the application form
- 3) Candidates will have to deposit the application fee through duly filled in CU challan at the College Street Campus after it is endorsed by HOD, Economics, CU.
- 4) After payment of application fee candidates will have to submit the application form at the office of the Department of Economics, CU. Candidates may be asked to show original documents of all the above-mentioned photocopies at the time of submission of forms at the Department of Economics, CU, and also as and when required by the appropriate authority.

UNIVERSITY OF CALCUTTA



Application Form for the Admission Test of the Ph.D. Programme

Department / Centre

Name (in block letters) :
Date of Birth :
Father's Name :
Marital Status :
**Whether SC/ST/OBC/
Physically Challenged :**
Nationality :
Address for Communication : :
Phone No. :
E-mail ID :
Academic Qualifications :

| Name of the Examinations | Year | Board /University | Subjects taken | Div./Class | % of Marks |
|---------------------------------|-------------|--------------------------|-----------------------|-------------------|-------------------|
| | | | | | |

Whether qualified in NET/GATE/equivalent examination :

Signature of the applicant with date:

***Candidates are requested to deposit application fee of Rs.100/- either by cash or DD through duly filled in C.U. Challan, endorsed by the Head of the Department.
** Original documents may be asked for as and when required by the appropriate authority.**