



ADMISSION FOR Ph.D. PROGRAMME (January 2013 Session)

IDRBT, the premier Institute of Banking Technology in the country, spearheads efforts in providing state-of-the-art technologies for the Banking and Financial Sector. The Institute interfaces Research and Development, Academics, Executive Training and Best Practices.

Consequent upon the recommendations of an Expert Committee headed by Dr. C. Rangarajan, Chairman, Prime Minister's Economic Advisory Council, IDRBT has initiated ambitious plans to scale up its research and academic activities.

The Institute has been offering a Ph.D. programme in collaboration with the University of Hyderabad (A Central University) since 1999. The University of Hyderabad, a premier institution of postgraduate teaching and research in the country, was established by an Act of Parliament on 2nd October 1974 as a Central University. The NAAC has awarded "A" Grade with a Cumulative Grade Point Average (CGPA) of 3.89 on 4.0 scale to the University and it has been selected as a University with Potential for Excellence (UPE) by the UGC recently.

On February 05, 2011, IDRBT has been granted Associate Institution Status by the University of Hyderabad for undertaking research independently at IDRBT for the award of Ph.D. Degree in the areas of Computer Science and Information Technology. Two batches of Ph.D. scholars under the aegis of the Associate Institution category have joined the Institute in January 2012 and August 2012.

IDRBT now invites application for its regular full-time Ph.D. Programme in Computer Science and Information Technology [with focus on Banking Technology] for the session starting in January 2013. The eligibility criteria for the Ph.D. programme is as under:

1. ESSENTIAL QUALIFICATIONS

Masters Degree in any Engineering / Technology; OR M.Phil in Mathematics or Statistics or Electronics; OR Bachelor's Degree in B.E. / B.Tech. OR Master's Degree in Computer Applications / Computer Science / Mathematics / Statistics / Electronics / Information

Systems / Internet Technology / Geo-Informatics / Bio-Informatics with a minimum of 60% marks in any of the above stated qualifying degrees (**a relaxation of 5% marks is provided to SC/ST candidates**).

All educational qualifications must have been obtained from recognized Universities/ Institutions in India or abroad. If grades are awarded instead of marks, candidates should clearly indicate their numerical equivalent.

2. SPECIALISATION

Candidates should have a keen interest to carry out research in one of the following areas of Banking Technology:

- **Information Technology in Banking**
- **Electronic Payment and Settlement Systems**
- **Financial Networks and Applications**
- **Security Technologies for the Financial Sector**
- **Financial Information Systems & Business Intelligence**
- **Financial Inclusion Technologies**
- **Core Banking Software and Beyond**
- **Mobile Banking & Alternate Delivery Channels**
- **Open Source Technologies**
- **Information Security**
- **Closely Related Areas**

3. NUMBER OF SEATS

The Institute can admit upto Five (5) Ph.D. Scholars and the reservation break-up, category-wise, is as follows:-

Category	No. of Seats
1. General	3
2. Other Backward Classes (OBC) (non creamy layer category)	1
3. Scheduled Tribe (ST)	1
Total	5

The Ph.D. programme is offered only on a regular full-time basis and accordingly only candidates who are interested to pursue the programme on a regular full time basis at IDRBT, Hyderabad, need to apply. This criterion shall also apply to the candidates from the Indian Banking and Financial Sector.

4. RESEARCH FELLOWSHIP

The selected Research Scholars would be paid a monthly stipend of Rs. 14,000/- per month during the first and second year and Rs. 15,000/- per month during the subsequent years. The fellowship, based upon performance, is normally tenable for four (4) years. **The Institute is in the process of revising the Research Fellowship and it is likely to be enhanced.**

5. ACCOMMODATION AND OTHER INCENTIVES

The Institute would provide accommodation to the admitted Research Scholars in the Institute's quarters at Begumpet, Hyderabad, on nominal applicable charges. The Institute also provides one laptop and funding of upto 1 lakh for attending international conferences as per the rules of the Institute to the Research Fellows.

6. ENTRANCE EXAMINATION

The Entrance Examination for admission to the Ph.D. programme would consist of:

- (i) **A Written Examination** of 75 marks for 2 hours from 10 am to 12 noon **on January 06, 2013 (Sunday)** at the University of Hyderabad campus at Gachibowli, Hyderabad, Andhra Pradesh. The candidates must reach the venue by 9.30 a.m. The candidates may note that the venue is around 25 kilometres from the main city of Hyderabad and they should make their travel arrangements accordingly. Candidates arriving after 10 am will not be allowed to take the Written Examination. The results of the Written Examination would be announced on the IDRBT website by 9 pm on January 06, 2013 (same day).
- (ii) **Personal Interview** (only for the candidates qualifying the written examination) on **January 07, 2013 (Monday)** for 25 marks from 9:30 am onwards at IDRBT, Castle Hills, Masab Tank, Hyderabad – 57, Andhra Pradesh.

The written examination and personal interview would be conducted at Hyderabad, Andhra Pradesh only.

Accordingly, candidates called for the selection process should make their own travel and accommodation arrangements in such a way that they can stay in Hyderabad for two days and the Institute shall have no responsibility in this regard.

Candidates who qualify the Written Examination and also attend the Personal Interview would be reimbursed 3rd AC return railfare by the shortest route on production of tickets.

It may be noted that all those who apply may be issued Hall Tickets without verifying whether or not they satisfy the eligibility criterion for admission to a course. This will be examined at the time of final admission, if granted. The candidates are therefore advised to ensure that they meet the eligibility criteria prescribed before submitting their application form. Despite this caution, in case the candidates do not meet the minimum eligibility criteria and still apply for the entrance examination, they will do so at their own risk and cost. Mere issue of Hall Ticket and allowing a candidate for entrance examination including interview will not entitle a candidate for any claim on admission if s/he does not fulfill the required eligibility conditions for admission as prescribed. This will be thoroughly verified at the time of admission, if granted. At any stage, if it is found that any candidate does not fulfill the minimum eligibility requirements, the admission if granted, shall be cancelled forthwith.

6. ENTRANCE EXAMINATION FORMAT

The Question Paper for the Written Examination will consist of 75 objective questions in two parts – Part A and Part B. While Part A would contain 25 questions carrying 25 marks, Part B will contain 50 questions carrying 50 marks. There will be negative marking of 0.33 mark each for every wrong answer in both the parts. The marks obtained by the candidates in Part - A will be used for resolving tie cases.

The written test covers the areas of Computer Organisation, Computer Programming, Discrete Mathematics, Data Structures, Algorithms, Operating Systems, Database Management Systems, Graph Theory, Computer Networks and Automata. Further, candidates should have a keen interest to carry out research in one of the areas of Banking Technology as mentioned in Para 2 above.

At the time of the interview, all candidates must come prepared with a tentative research plan write-up of maximum size of 4 pages (six copies) and they are encouraged to submit details of research papers/technical reports they have authored. The candidate should bring his/her Project Report(s)/ Dissertation(s)/Thesis of the Qualifying/Master's Degree to show at the time of the interview.

7. APPLICATION FORM

Candidates interested to pursue the Ph.D. Programme may apply in the **prescribed Application Form** [[click to download the application form](#)]. Incomplete applications/not in the prescribed format will be rejected and no correspondence in this regard will be entertained by the Institute. There is no application fee.

Candidates belonging to SC/ST category should submit along with the application a scanned copy of the certificate of their caste / tribe from a Revenue Officer not below the rank of Tahsildar / Mandal Revenue Officer. Further, SC/ST candidates belonging to the state of Andhra Pradesh should submit an Integrated Community Certificate issued by the Competent Revenue Authority. Candidates claiming OBC reservation must enclose an attested copy of the OBC (non-creamy layer) certificate issued by a competent authority without which their claim will not be considered in the OBC category.

8. LAST DATE FOR RECEIPT OF APPLICATION

The filled-in application form may be sent so as to reach the Institute on or before **December 10, 2012** to **“The Coordinator (Ph.D Programme), IDRBT, Castle Hills, Road No.1, Masab Tank, Hyderabad – 500 057, Andhra Pradesh”** by e-mail to phdjan2013@idrbt.ac.in. All applications / correspondence / queries must necessarily be through the above-cited e-mail only.
