(PH.D.)

Eligibility Criteria

Subject to the conditions stipulated in these Regulations, the following persons are eligible to seek admission to the Ph.D. programme:

- Candidates for admission to the Ph. D programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

- Candidates who have cleared the M. Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and successfully completing the M. Phil. Degree shall be eligible to proceed to do research work leading to the Ph. D. Degree in the same Institution in an integrated programme.

- A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, is allowed for those belonging to SC/ST/OBC (non-creamy layer) / differently-abled and other categories of candidates as per the decision of the UGC from time to time.

- The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

- A person whose M. Phil. dissertation has been evaluated and the viva voce is pending may be admitted to the Ph.D. programme on the condition that the admission is automatically withdrawn if the candidate fails to submit the marks cards / grade cards within one month after the closing date of admissions and also if he / she does not pass the M Phil with required marks / grades for admission to Ph D.

- Candidates possessing a Degree considered equivalent to M. Phil. Degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D. programme.

- To encourage experts from industries to pursue their passions for continuous learning in the field of computer science, candidates with rich industrial experience and possessing any Master's degree can be permitted to Pursue research in Computer Science and

Applications. However, such candidates should undergo two semesters of course work with a total credit of 30.

- Candidates from abroad with relevant degree should submit equivalence certificate to pursue Ph.D. in REVA University

- Candidates with four-year degree programme with minimum of 70% aggregate or equivalent grade in UGC 7 -point scale are eligible for Ph.D. programme.

Overview

The REVA University has well experienced faculty members to guide candidates to pursue research leading to Doctoral degree in various disciplines. The University has well equipped infrastructure for advanced research. All Schools have engaged in advanced research and undertake funded projects.

Duration of the Programme

- The minimum duration for Ph.D programme is THREE years, including course work. However, extension up to SIX years period of registration beyond the above limits shall be permitted based on the recommendation of the concerned Research Supervisor.

REVA University Ph. D. Entrance Test (REVA PET)

The University will conduct Entrance Test of 100 marks with 3 hours duration as under:

- The registration for PhD is through Entrance Test (REVA PET), Interview and Counseling. The Entrance Test will be 100 marks with 3 hours duration as under:

Sl.No	Category of Candidates	Papers (100 Marks)			
1	Candidates Who have qualified in UG and PG with a percentage of 55%.	Part - I Subject Specific (50 marks)		Part - II Research Methodology (50 marks)	
		Objective	Descriptive	Objective	Descriptive
		30 question x 1 mark each = 30 marks	4 questions x 5 marks each = 20 marks	10 questions x 1 mark each = 10 marks	5 questions x 8 marks each = 40 marks

Sl.No	Category of Candidates	Papers (100 Marks)	
		Objective Type	Descriptive Type
		20 questions X 1 mark each = 20 marks	(a) 5 questions X 10 marks each = 5 marks;
			(b) 6 questions X 5 marks each = 3(marks
2	Candidates possessing M. Phil Degree	Subject Specific (100 Marks)	
		Objective	Descriptive
		50 questions x 1 mark each = 50 marks	5 questions x 10 marks each = 50 m

- The Entrance Test for candidates other than those who have qualified UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE or passed in M. Phil or candidates hold teacher fellowship, shall consist of 50% of Research Methodology and 50% of Subject Specific. The syllabus of the Research Methodology and Subject Specific components shall be framed by the respective Schools.

- For candidates who have passed M. Phil program, the syllabus for entrance test shall only be Subject Specific which shall be framed by the respective School Boards / Board of Studies and the question paper shall be for 100 marks with 3 hours duration.

- Candidates with qualified UGC-NET (including JRF/SRF) / UGC-CSIR NET (including JRF) scores are exempted from the entrance test. Such candidates are eligible for interview.

- Foreign Students with CGPA 4.8/5 and above are exempted from the entrance test. Such candidates are eligible for interview.

- For candidates from abroad satisfying 3.6, the entrance test and interview can be conducted online.

- Candidates in final year of their PG programme/B.Sc. Research Program are eligible to appear for the entrance test. However, for admission into Ph.D. programme, the conditions in section 3 are applicable.

- Based on the performance of the candidates in the entrance examination, the candidates shall be declared eligible for interview/Viva Voce. The performance levels will be decided by the doctoral committee for the said entrance examination.

- The results of the Entrance Test will be displayed on the notice board of the Research and Innovation Council / hosted on the University website / separate intimation will be sent to the candidates about the results of entrance examination and admission.

- The eligible candidates will be invited for interview/ viva-voce on the specific date and time. The candidates have to come prepared to discuss their research interest / area through presentations.

Candidates invited should attend the interview-cum-counseling along with following original documents:

- Original marks cards of prescribed qualification such as two year PUC/10+2 examination, degree and PG degree examinations along with Convocation certificates.

- Original certificate / proof for having qualified UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE or passed M Phil or proof of holding teacher fellowship.

- Proof of date of birth, preferably SSLC/10th examination pass certificate.

- Three copies of latest passport size photographs.

- No due certificate from the employer (in case employed).

- Candidates selected should take admission after payment of prescribed fee in full within the notified date failing which they will automatically forfeit the seat. Those candidates who are registered for PhD should have to undergo course work of One Semester of SIX months and follow necessary conditions in the "REVA University Regulations Governing the Minimum Standards and Procedure for Award of Doctoral (Ph D) Degree, 2022".

Note: International Students can write entrance test online and the exemption of test is allowed to the eligible Candidates*. The selected candidates will have to attend the coursework for One semester offline.

* CGPA above 4.8/5 & 15 years of Experience in Industry/Academia.

Interview-cum-Counseling

Candidates invited should attend the interview-cum-counseling along with following original documents:

- Original marks cards of prescribed qualification such as two year PUC/10+2 examination, degree and PG degree examinations.

- Original certificate / proof for having qualified UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE or passed M Phil or proof of holding teacher fellowship.

- Proof of date of birth, preferably SSLC/10th examination pass certificate.

- Three copies of latest passport size photographs.

- No due certificate from the employer (in case employed).

The performance in the interview / viva voce will be assessed for 50 marks. The Selection of candidates for provisional registration shall be based on the performance in the interview only provided further that such a selection depends on the availability of the guide in the subject / area of interest of the candidate.

Selection and Provisional Registration

Candidates selected should take admission after payment of prescribed fee in full within the notified date failing which they will automatically forfeit the seat.

Candidates who are not selected for a Ph.D. program have to re-apply whenever the applications are invited again and go through the Entrance Test afresh.

Course Work

Those candidates who are registered for PhD should have to undergo course work of One Semester of SIX months and follow necessary conditions in the "REVA University Regulations Governing the Minimum Standards and Procedure for Award of Doctoral (Ph.D) Degree, 2022".

The course work comprises of five courses, viz.,

- Advanced Research Methodology

- Research and Publication Ethics

- Program Specific Course 1

- Program Specific Course 2

- Literature Review in the Thrust Area of Research

Course Work:

Course Work is an essential component of Research leading to Doctoral Degree. The provisionally registered candidates shall undergo Ph.D. Course Work of One Semester duration (16 weeks) from the date of Provisional Registration, prescribed by the University. The Scholars from abroad, who are qualified in the interview and with valid VISA, should undergo coursework in offline mode.

The Scheme of Instruction and Assessment of Course Work:

of Instruction, Scheme of Assessment and Evaluation (for candidates with PG degree)

| Sl.No | Title of the Course | Instruction | | | Evaluation | | |
| | | Teaching | | | Marks | | |
		Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce
01	Advanced Research Methodology.	04	04	60	50	50	00
02	Research and Publication Ethics (RPE)	02	02	30	20	30	00
03	Program Specific course 1	04	04	60	50	50	00
04	Program Specific course 2	04	04	60	50	50	00
05	Review of Literature in the thrust area of research	04	04	60	50	00	30+20
	Total	18	-	270	220	180	50

Scheme of Instruction, Scheme of Assessment and Evaluation (for candidates with UG degree)

The coursework for candidates with UG degree shall be covered over a period of three semesters as follows:

1ˢᵗ Semester

| Sl.No | Title of the Course | Instruction | | | Evaluation | | |
| | | Teaching | | | Marks | | |
		Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce

Sl.No	Title of the Course	Instruction				Evaluation		
		Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce	
			Teaching			Marks		
01	Advanced Research Methodology.	04	04	60	50	50	00	
02	Research and Publication Ethics (RPE)	02	02	30	20	30	00	
03	Program Specific course 1	04	04	60	50	50	00	
04	Program Specific course 2	04	04	60	50	50	00	
	Total	14	-	210	170	180	50	

2ⁿᵈ Semester

Sl.No	Title of the Course	Instruction				Evaluation		
		Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce	
			Teaching			Marks		
01	Program Specific course 3	04	04	60	50	50	00	
02	Program Specific course 4	04	04	60	50	50	00	
03	Program Specific course 5	04	04	60	50	50	00	
04	Review of Literature in the thrust area of research	04	04	60	50	00	30+20	
	Total	16	-	240	200	150	50	

3ʳᵈ Semester

Sl.No	Title of the Course	Instruction	Evaluation

Sl.No	Title	Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce
			Teaching			Marks	
01	Program Specific course 6	04	04	60	50	50	00
02	Program Specific course 7	04	04	60	50	50	00
03	Program Specific course 8	04	04	60	50	50	00
04	Review of Literature in the thrust area of research	04	04	60	50	00	30+20
	Total	16	-	240	200	150	50

Scheme of Instruction, Scheme of Assessment and Evaluation (for experts from industries with PG qualification other than Computer Engineering/science to pursue Ph.D. in CSA)

1ˢᵗ Semester

		Instruction			Evaluation		
			Teaching			Marks	
Sl.No	Title of the Course	Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce
01	Advanced Research Methodology.	04	04	60	50	50	00
02	Research and Publication Ethics (RPE)	02	02	30	20	30	00
03	Program Specific course 1	04	04	60	50	50	00
04	Program Specific course 2	04	04	60	50	50	00
	Total	16	-	210	170	180	50

2ⁿᵈ Semester

Sl.No	Title of the Course	Credits	Hrs Per week	Total Hrs.	Internal Assessm ent	Course End Exam	Literature Review Report & Viva Voce	
			Instruction			**Evaluation**		
			Teaching			**Marks**		
01	Program Specific course 3	04	04	60	50	50	00	
02	Program Specific course 4	04	04	60	50	50	00	
03	Program Specific course 5	04	04	60	50	50	00	
04	Review of Literature in the thrust area of research	04	04	60	50	00	30+20	
	Total	**16**	-	**240**	**200**	**150**	**50**	

The suggested program specific courses for such candidates can include not limited to the following: Data Structures, Algorithm Design, Operating systems, Database Management, Object oriented Analysis and Design, performance Modeling, Calculus and Discrete Mathematics. The guide and the doctoral members shall decide the program specific courses to be taken by the scholar.

Admission Notification

Ph.D Admission Notification 2023

Fee

- **Indian / SAARC Nationals₹ 2000**
- **NRI Fee$ 25**
- **Foreign NationalsUS$ 25**