

A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY

2019-20 PhD admission - Revised Selection Procedure

The revised selection procedure (vide U.O.No. 366/2019/KTU Thiruvananthapuram, Dated: 17.10.2019) for the Ph.D Programme under A P J Abdul Kalam Technological University is as follows:

The selection will comprise of an entrance test evaluated out of 70 marks and an interview evaluated out of 30 marks. Candidates will be shortlisted based on the number of Ph.D positions available, which will be notified before the interview. However it is mandated that the candidates should score a minimum of 40% in the interview and an overall 50% for selection. The entrance test (70 marks) will comprise of 50% Research Aptitude (Part A- 35 marks) and the remaining 50%, Subject (Part B - 35marks). Candidates should score at least 10% marks (3.5 marks) for Part A, 40% marks (14 marks) for Part B and an overall 45% marks (31.5/70) to appear for the interview.

A relaxation of 5% for candidates belonging to SC/ST/OBC (belonging to Non Creamy Layer) / Differently-abled category (with more than 40% disability-as per the certificate issued by District Medical Board) will be granted as per the UGC norms. A relaxation of 5% more will be given to SC/ST candidates if sufficient number of candidates do not qualify, otherwise.

Research Aptitude evaluated out of 35 marks will have questions in the following format: -
Analytical Skills (18 marks) + Basic English (5 marks) + Research Methodology (12 marks).

Subject evaluated out of 35 marks will have the following format:-

There will be at least 5 specialization sections (which includes compulsory section also) depending on the branch, with each section carrying 7 marks. All candidates will have to attempt 4 sections. Engineering, MCA and Physics candidates will have to attempt one section on Mathematics mandatorily. They will have to attempt another 3 sections which should include their proposed area of research (area of interest) or nearest available area. The section on their area of interest will carry double weightage (14 marks) while the other three sections will carry 7 marks each. Candidates from Chemistry, Management and Architecture need not attempt Mathematics mandatorily. Separate Mathematics question papers will be put for the three categories, (i) Computer Science and MCA, (ii) Mathematics, and (iii) other Engineering streams (including Biotechnology and allied branches) and Physics.

The branches are broadly identified as:-

1. Computer Science & Engineering and allied branches
2. Electronics Engineering and allied branches

3. Mechanical Engineering and allied branches
4. Electrical Engineering and allied branches
5. Civil Engineering and allied branches
6. Chemical Engineering and allied branches
7. Biotechnology* and allied branches
8. Physics
9. Mathematics
10. Chemistry
11. Management
12. Architecture
13. MCA

(* Engineering Course)

Exemptions:-

1. Candidates who are selected under the QIP (The Quality Improvement Program for teachers) and NDF (National Doctoral Fellowship for full-time candidates) schemes of AICTE and candidates with UGC-JRF fellowship are exempted from the Research Aptitude test and interview. They can be admitted directly for the research program.
2. Those candidates with valid Gate score/NET/CAT or other recognized National level examinations / M Phil holders with minimum CGPA of 6 (General Category) and CGPA of 5.5 (for SC/ST/OBC (Non Creamy layers) / Differently abled category candidates (with more than 40% disability – as per the certificate issued by District Medical Board)) will have to appear for only Part A of the entrance test. The marks obtained out of 35 will be scaled to 70. They will have to attend the interview out of 30 marks. However, they can choose to appear for both Part A and Part B, in which case the marks will not be scaled up.
3. Teachers of affiliated colleges under A P J Abdul Kalam Technological University with 5 years teaching experience will have to appear for Part A and only the section of questions pertaining to their area of interest or nearest from Part B. The marks out of 14 will be scaled to 35. They will have to attend the interview out of 30 marks. However they can choose to appear for Part A and the required 4 sections of Part B, in which case the marks will not be scaled up.

Dean (Research),
APJAKTU