



**DR. A P J ABDUL KALAM UNIVERSITY,  
INDORE (M. P.)**

**Syllabus for Ph. D. Entrance Test  
(Session 2018-2019)**

**Research & Development Division (Ph. D. Programme)**

**Dr. A P J Abdul Kalam University, Indore**

## Scheme & Syllabus for Entrance Test:

There shall be one session of two hours duration. Applicants will be required to attempt under mentioned two papers:

- a. Paper I will be common for all applicants of various disciplines, carrying 100 marks, one hour duration. There will be 50 objective type questions based on research methodology which include;
  - i. General awareness: 15 questions
  - ii. Basic computers: 15 questions
  - iii. Research Aptitude: 10 questions based on reasoning and statistics
  - iv. General Science: 10 questions
- b. Paper II will be based on the individual's subject/discipline to which the applicant belongs. The paper will be of 100 marks for one hour duration. There will be 50 subjective type (Objective) questions
- c. Passing marks will be 55% in both papers.

## Syllabus for Subjective Paper-II:

<b>Faculty</b>	<b>Discipline/Subject</b>	<b>Syllabus</b>
Engineering & Technology	Mechanical Engineering	Follow syllabus of GATE Mechanical Engineering
	Computer Science & Engineering	Follow syllabus of GATE Computer Science & Engineering
	Electronics & Communication Engineering	Follow syllabus of GATE Electronics & Communication Engineering
Pharmacy	Pharmaceutical Sciences	Follow syllabus of GPAT
Management	Management	Follow syllabus of CBSE – NET in Management
Physical Science	Physics	Follow syllabus of CSIR – NET in Physics
	Chemistry	Follow syllabus of CSIR – NET in Chemistry
	Geography	Follow syllabus of CBSE – NET in Geography
	Mathematics	Follow syllabus of CSIR – NET in Mathematics
	Computer Science	Follow syllabus of CBSE – NET in Computer Science
Computer Sciences & Application	Computer Application	Follow syllabus of CBSE – NET in Computer Science
Life Science	Botany	Follow syllabus of CSIR – NET in Life Science
	Microbiology	Follow syllabus of CSIR – NET in Life Science
	Biochemistry	Follow syllabus of CSIR – NET in Life Science
	Biotechnology	Follow syllabus of CSIR – NET in Life Science
Social Science	Political Science	Follow syllabus of CBSE – NET in Political Science
Commerce	Commerce	Follow syllabus of CBSE – NET in Commerce
Humanities	Hindi	Follow syllabus of CBSE – NET in Hindi
	English Literature	Follow syllabus of CBSE – NET in English Literature