



## **Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh**

(Formerly U.P. Technical University)

Sector-11, Jankipuram Extension,, Sitapur Road, Lucknow-226031

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Dated 19 January, 2018

### **A course on 'Research Methodology'**

The university is conducting a course on 'Research Methodology' from 12 February to 23 February 2018 at AKTU, Sect-11, Jankipuram Extension, Sitapur Road, Lucknow, Campus. All the Ph.D. enrolled candidates of the university who have to complete a course on 'Research Methodology, as their pre Ph.D. course requirements are invited to attend this course. Faculty members of the constituent/affiliated/associated colleges can also attend this course. The course content and timings of the lectures, class test, exam and other details are given in the attached schedule.

A limited number of candidates will be registered for the course on first-come first-served basis. Interested candidates may registered for the course by submitting an application in the prescribed format along with the course fee of Rs. 7,500/- per person through Demand Draft in favour of '**Finance Officer, AKTU**' payable at Lucknow, on or before 05/02/2018.

The prospective applicants may contact Mr. Mohd Shabbir 8004914151 through phone and email: [research@aktu.ac.in](mailto:research@aktu.ac.in) for further information. The university reserves the right to reschedule/cancel the course depending on the number of participants.

**(Dean, PG Studies & Research)**



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**Application form**

**Course on 'Research Methodology'**

Name : -----

DOB : Day-----Month-----Year-----

Qualification : -----

Ph.D. Registration. Number : -----

\*PAN/Aadhaar ID No. : -----

Permanent Address : -----

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Mobile Number : -----

Email Address : -----

**(Fee Details)**

Demand Draft Number : -----

Bank Name : -----

DD Amount : -----

**(Candidate's Signature)**

\*If you are not AKTU Ph.D. Scholar, in that case anyone ID proof number is required.

\*The complete application should be sent to the office of 'Dean, PG Studies & Research, Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Sect-11, Jankipuram Extension, Sitapur Road, Lucknow-226031 through Speed Post

## Schedule for Course on 'Research Methodology'

Date	10:00-13:00 Hrs	14:00-17:00 Hrs
<b>12-02-2018</b>	Meaning of Research, Importance of research	Research Paradigm, Understating research process, Research design and Methods of research design
<b>13-02-2018</b>	Techniques of literature review	Formulation of Research problem, Research objectives and hypothesis development
<b>14-02-2018</b>	Variables, Types of Data, Methods of data Collection, Scales of measurements	Data gathering instruments and their standardization /instrumentation
<b>15-02-2018</b>	Sampling, Sampling techniques procedure and methods	Data analysis, Statistical techniques, <b>Class Test1</b>
<b>16-02-2018</b>	Advance Statistical techniques and choosing an appropriate statistical technique in research	Hypothesis testing, statistical inference, Interpretation of results
<b>19-02-2018</b>	Types of research report: Dissertation and Thesis, research paper,	review article, short communication Research Journals, SCOPUS/SCI Index
<b>20-02-2018</b>	Data processing, conference presentation, Results and Discussion	Data processing software and its application in research
<b>21-02-2018</b>	indexing and citation of Journals, <b>Class Test 2</b>	Referencing and referencing styles, Plagiarism
<b>22-02-2018</b>	Ethical considerations in research	Intellectual property, Rights and licensing
<b>23-02-2018</b>	ASSIGNMENT SUBMISSION AND EXAMINATION	

### Test/Exam:

Class Test 1-10%, Class Test 2-10%, Assignments -10%, Final Exam-70%