



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

(Formerly U.P. Technical University)

Institute of Engineering & Technology Campus, Sitapur Road, Lucknow-226021

Phone – (0522) 2732193, Fax - 2732185

Dated 04 January, 2017

A course on 'Research Methodology'

The university is conducting a course on 'Research Methodology' from 30th January to 10th February 2017 at its IET Lucknow Campus. All the Ph.D. enrolled candidates of the University who have to complete a course on 'Research Methodology' as their pre PhD 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 register for the course by submitting an application in the prescribed format along with the course fee of Rs. 7500/- per person through Demand Draft in favour of '**Finance Officer, AKTU**' on or before 24/01/2017.

The prospective applicants may contact Mr. Shabbir 8004914151 and Mr. Aayush 7568192439 through phone and email: 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 and Research)



Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh
(Formerly U.P. Technical University)

Application form

Course on Research Methodology

Name :

DOB :

Qualification :

Ph.D. Registration Number :

*PAN/Aadhaar ID Number :

Permanent Address :

.....

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 PGS&R, Dr. APJ Abdul Kalam Technical University, U.P., Lucknow-226021 through Speed Post.

Schedule for Course on 'Research Methodology'

Date	10:00-13:00 Hrs Topics	14:00-17:00 Hrs Topics
30/01/2017	Meaning of Research, Importance of research	Research Paradigm, Understating research process, Research design and Methods of research design
31/01/2017	Techniques of literature review	Formulation of Research problem, Research objectives and hypothesis development
01/02/2017	Variables, Types of Data, Methods of data Collection, Scales of measurements	Data gathering instruments and their standardization /instrumentation
02/02/2017	(Class Test1) Sampling, Sampling techniques procedure and methods	Data analysis, Statistical techniques
03/02/2017	Advance Statistical techniques and choosing an appropriate statistical technique in research	Hypothesis testing, statistical inference, Interpretation of results
06/02/2017	Data processing software (e.g. SPSS etc.),	Data processing software and its application in research
07/02/2017	(Class Test 2) Types of research report: Dissertation and Thesis, research paper, review article, short communication, conference presentation etc	Research Journals, SCOPUS/SCI Index, indexing and citation of Journals
08/02/2017	Referencing and referencing styles, Plagiarism	Ethical considerations in research Intellectual property, Rights and licensing
09/02/2017	PREPARATORY LEAVE	
10/02/2017	ASSIGNMENT SUBMISSION AND EXAMINATION	

Test/Exam:

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