



# K L UNIVERSITY

K L University, 29-36-38, Museum Road, Governorpet  
VIJAYAWADA - 500 002,  
Phone Number 08662577715, [http:// www.kluniversity.in](http://www.kluniversity.in)

## ANNEXURE-D RESEARCH PLAN

Each Application shall submit the Research Plan containing the following particulars.

### 1.0 Research Identification

1.	Engineering Discipline in which the Research is sought to be carried	
2	Major Area of Research	
3	Minor Area of Research	

### 2.0 Research Proposal

**A Research Proposal shall be submitted containing the following details**

#### 2.1 Introduction

The introduction must clearly bring out theoretical foundation leading to the problem definition

#### 2.2 The need and importance of the problem

The importance of the research problem from the perspective of an end customer (Industry, Country, Society, Citizen etc. must be clearly out lined).

#### 2.3 Objectives of the Research

The objectives of the research must clearly spell out various research outcomes

#### 2.4 Scope of the Research

The scope of the research must clearly spell out various dimensions of investigation of the research problem to the extent possible.

#### 2.5 Methodology

The methodology that shall be used to investigate the research problem shall be detailed. The methodology should clearly spell out the processes that shall be used in conducting the research which include data collection, experimental setups, verification and validations, comparative analysis, Data Analysis, Statistical analysis etc.



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## 2.6 Limitations

The restrictions on the scope of the research project shall be spelt out here.

## 3.0 Calendar

A calendar for the research shall be planned and the following table shall be used for projecting the Plan

<b>SRL NO</b>	<b>Mile Stone</b>	<b>Effort in Man Months</b>
1	Problem definition and scope finalization	
2	Literature Survey	
3	Qualifying the Pre PhD program	
4	Investigation and Paper Publication	
5	Thesis Compilation	
6	Development and submission of Synopsis	
7	Submission of Thesis	
<b>Total duration</b>		

## 4.0 Expected Laboratory Setup

### Laboratory Setup Required

<b>Hardware Details</b>			
<b>Servers</b>			
<b>Srl Num</b>	<b>Hardware Component</b>	<b>Component Description</b>	<b>Quantity</b>



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<b>Clients</b>			
<b>Srl Num</b>	<b>Hardware Component</b>	<b>Component Description</b>	<b>Quantity</b>

<b>Network</b>			
<b>Srl Num</b>	<b>Network Component</b>	<b>Component Description</b>	<b>Quantity</b>

<b>Software</b>			
<b>Srl Num</b>	<b>Software Component</b>	<b>Component Description</b>	<b>Quantity</b>

## 5.0 List of Primary Text Books

<b>Srl Num</b>	<b>Name of the Text Book</b>	<b>Publisher</b>	<b>Edition</b>	<b>Year</b>

