

**Govt. of Karnataka, Department of Technical Education**

Diploma in Information Science & Engineering

**Third Semester**

**Subject: GRAPHICAL USER INTERFACE LAB**

**Contact Hrs / week: 6**

**Total hrs: 96**

List of Programs

- 1 Program to input two different integers using the function input box to compare two numbers
- 2 Develop a class average program that will process an arbitrary number of grades, each time the program is run.
- 3 Program to find the minimum of three numbers using sub procedures
- 4 Program to demonstrate function procedure
- 5 Program to demonstrate ctrl array
- 6 Program to demonstrate dynamic array
- 7 Program to demonstrate param array
- 8 Program to demonstrate function array
- 9 Program to demonstrate string functions
- 10 Design an application to change the color, font size, type of the form using scroll bar
- 11 Program to demonstrate date and time functions
- 12 Program to demonstrate adding and subtracting dates with date add and date diff
- 13 Program to demonstrate function filter & split
- 14 Program to demonstrate timer ctrl
- 15 Program to demonstrate combo box ctrl
- 16 Design an application to validate the user name & password & display appropriate msg using msg box ctrl
- 17 Program to demonstrate pop-up & pull down menu
- 18 Program to demonstrate nested on error statement
- 19 Program to demonstrate linear search
- 20 Design an application which performs the following operations on the database the form using ADO a) add b) update c) delete

**Soft wares to be used:** kbasics or any other equivalent GUI Software

**Note:** Two theory hours and Four practical hours to be handled per week

References:

[www.kbasic.com](http://www.kbasic.com)

#### **Scheme of Examination**

1	Record	05
2	Writing two programs	15+15=30
3	Entering two program	10
4	Execution of both programs with results	20+20 = 40
5	Viva-Voce	15
	<b>Total</b>	<b>100</b>