



**SCHOOL OF DISTANCE EDUCATION  
BHARATHIAR UNIVERSITY**

COIMBATORE-641046,TAMILNADU,INDIA.

State University \ Re-Accredited with "A" Grade by NAAC \ Ranked 13<sup>th</sup> among Indian Universities by MHRD-NIRF

Ref.No:BU/SDE/PG/M.Sc.IT Project/Aca/2021

Date:09.08.2021

**Dear Student,**

**Greetings.**

As a part of **M.Sc.INFORMATION TECHNOLOGY** degree programme 2020-21 Academic batch, you have to undertake a project work in a reputed institution/ Organization and submit the Project Report at the end of the project period for evaluation.

Guide for Project work will be allotted by the Co-Ordinator, as per the list enclosed in

**Reverse side of First page.**

The guidelines to be followed in the conduct of the project and preparation of the Project Report are enclosed.

A letter signed by the Director, School of Distance Education, Bharathiar University is sent herewith for your use and the same may be handed over to the concerned Institution/Organization where you wish to do your project and get their permission. Kindly fill in your postal address and the name of the concern in the spaces given, before handing over the letter.

**The last date for the submission of the project Report is 28.02.2022**



  
DIRECTOR i/c 1/4

Encl.: As above.

To

The students concerned

Copy to: Concern Guide

SDE-M.Sc (Information Technology)

PROJECT GUIDE ALLOCATION

Project Duration: September 2021 to February 2022

S.No	GUIDE NAME AND ADDRESS	ENROLMENT NO OF THE STUDENTS
1	<b>Dr.R. Vadivel</b> Assistant Professor Dept. of Information Technology, Bharathiar University Coimbatore-641046.	20APITN0001, 20APITN0003, 20APITN0004 20APITN0005, 20APITN0006, 20APITN0008 20APITN0009, 20APITN0010, 20APITN0011 20APITN0012, 20APITN0013, 20APITN0014 20APITN0019, 20APITN0020, 20APITN0021 20APITN0022, 20APITN0025, 20APITN0026 20APITN0027, 20APITN0028, 20APITN0029 20APITN0030, 20APITN0031, 20APITN0032 20APITN0033, 20APITN0034, 20APITN0035 20APITN0036, 20APITN0060.
2	<b>Mr. T. Ramesh</b> Associate Professor Department of Information Technology Bharathiar University Coimbatore-641046.	20APITN0038, 20APITN0040, 20APITN0042 20APITN0043, 20APITN0044, 20APITN0045 20APITN0046, 20APITN0047, 20APITN0048 20APITN0049, 20APITN0050, 20APITN0051 20APITN0052, 20APITN0053, 20APITN0054 20APITN0055, 20APITN0058, 20APITN0059 20APITN0061, 20APITN0062, 20APITN0063 20APITN0064, 20APITN0068, 20APITN0069 20APITN0072.
3	<b>Mrs. W. Rose Varuna</b> Assistant Professor Department of Information Technology Bharathiar University Coimbatore-641046.	20APITN0073, 20APITN0074, 20APITN0077 20APITN0078, 20APITN0079, 20APITN0083 20APITN0084, 20APITN0085, 20APITN0086 20APITN0087, 20APITN0088, 20APITN0089 20APITN0090, 20APITN0091, 20APITN0092 20APITN0094, 20APITN0095, 20APITN0096 20APITN0097, 20APITN0098, 20APITN0099 20APITN0100, 20APITN0101, 20APITN0103 20APITN0104.



*[Handwritten Signature]*  
DIRECTOR i/c 2/4



**SCHOOL OF DISTANCE EDUCATION**  
**BHARATHIAR UNIVERSITY**

COIMBATORE-641046, TAMILNADU, INDIA.

State University \ Re-Accredited with "A" Grade by NAAC \ Ranked 13<sup>th</sup> among Indian Universities by MHRD-NIRF

Ref.No/SDE/PG/M.Sc.IT Project/Aca/2021

Date:09.08.2021

Sir,

Sub: SDE-M.Sc.IT – 2020-21 Academic batch – Project Work-Reg.

\*\*\*\*\*

The School of Distance Education of Bharathiar University conducts **M.Sc. INFORMATION TECHNOLOGY** degree programme by distance education mode. As part of the curriculum, the students have to do a project work for a period of 6 months in a reputed organization like yours.

Mr./Ms./Mrs. \_\_\_\_\_ with enrolment no. \_\_\_\_\_ a final year M.Sc.Information

Technology student has expressed his/her keen desire to do his/her final year project at your esteemed organization. I am confident that the professional expertise of your firm will help him/her to improve the programming skills of the candidate. The tenure of the project work for the student is from **September 2021 to February 2022**.

I will be glad if you would permit him/her to undertake the project work and the letter of confirmation to this effect may kindly be sent to this school, at the earliest.

Address of the student:

Awaiting your favorable response,

Thanking you,

Yours sincerely,



DIRECTOR i/c 3/4

To

Title of the Project Report:

Submitted in partial fulfillment of the requirement for the award  
of the Degree of Master of Science / Arts in

Name of the candidate :

Enrolment No. :

Reg. No. :

Study Centre :

Under the guidance of

Name of the Guide ( in Block letters)  
Designation

School of Distance Education  
Bharathiar University  
Coimbatore – 641 046  
  
(Month & Year)

**NB : No student could use the emblem of this  
University if used the Project Report  
will be summarily rejected.**

This is to certify that the project work titled \_\_\_\_\_ submitted to Bharathiar University in partial fulfillment of the requirements for the award of the Degree of Master of Science in \_\_\_\_\_ is record of the original work done by \_\_\_\_\_ under my supervision and guidance and that this project work has not formed the basis for the award of any Degree/Diploma/Associateship/Fellowship or similar title to any candidate of any University.

(Seal)

Signature of the Guide  
Name and Designation

Forwarded by

Director  
School of Distance Education  
Bharathiar University  
Coimbatore – 46

Submitted for University Examination held on \_\_\_\_\_

Internal Examiner \_\_\_\_\_

External Examiner \_\_\_\_\_

DECLARATION

I hereby declare that this project work titled \_\_\_\_\_ under the guidance of \_\_\_\_\_ and that this project work has not formed the basis for the award of my Degree /Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Signature of candidate

Name :  
Enrolment No. :  
Course :  
PCP Centre :  
Place :  
Date :

Countersigned by

Signature of the Guide  
(with seal)

Signature of the Co-ordinator  
(with seal)

You are advised to carefully read the instructions given and follow them in the preparation of the Project Report. Non-compliance with any of these instructions may lead to the rejection of Project Report submitted.

- ❖ The duration of the Project work will be for six months from 1<sup>st</sup> September 2021 to 28<sup>th</sup> February 2022.
  - ❖ The Project guide: The Qualification of the project Guide is PG in Computer Science/ Information Technology. The Guide should work as faculty in the College/University. He/She should handle classes for PG in Computer Science/Information Technology.
  - ❖ You are expected to undertake project work individually and submit an individual project report.
  - ❖ Project reports should be typed/printed in double line space using A4 size bond papers with a left margin of column 10 and right margin of column 75.
  - ❖ A page should not contain more than 25 lines.
  - ❖ All pages should be numbered. The preliminary pages of the Project Report (such as title page, acknowledgement, table of contents, etc.) should be numbered in lowercase Roman numbers and pages of the main text starting with Chapter –1 should be consecutively numbered in Arabic numbers.
  - ❖ Binding specifications: Wrapper should be LIGHT YELLOW in colour and printing of wrappers should be done in the press WITH SOFT BOUND.
  - ❖ Source code should not be enclosed along with project report, but the same should be bound as an appendix and submitted along with the project report. The source code should be loaded and made readily available in the system, during viva-voce examination, for verification by the examiners. If you are not permitted to bring the source code outside the organization, you should obtain a certificate to that effect from the Head of the division of the concern where you undertake the project work.
  - ❖ Table of contents should be as in the specified format given in Annexure 3.
  - ❖ A certificate from the organization where you undertake the project work should be obtained and copies of the same should be duly enclosed in the project report.
  - ❖ Three copies of the project report should be submitted positively on or before 28.02.2022 to the Director, School of Distance Education.
- The format of the report is as follows:
1. Wrapper
  2. Copy of the Wrapper
  3. Declaration by the candidate (in the format as in annexure –1)
  4. Certificate (in the format as in annexure-2)
  5. Certificate from the organization
  6. Acknowledgement
  7. Synopsis
  8. Table of contents( in the format as in annexure-3)
  9. Chapters
  10. Bibliography (in the alphabetical order of authors)
- You must write to the respective guide, with a copy to the Director, School of Distance Education, the date of commencement of the project, the name of the organization, the name of the guide from industry and title of the topic.
- ❖ You are requested to report to the guide within one month and confirm about your project work and you have to meet the guide once in every two months and confirm about your attendance. The date fixed for submission of project report is 28.02.2022 separate communication will not be sent to this effect.

  
DIRECTOR: 4/4

## Annexure-I

The following is the table of contents from a project report. This is only a guideline and you are to prepare the contents related to their projects after discussing with their respective guide and should present the contents during their second presentation.

### TABLE OF CONTENTS

1.0	Introduction	1
1.1	Cost Estimation system in the farming	2
1.2	Needfor computerized system in the farming	4
1.3	Salient Features of the system	5
2.0	Background Study	6
3.0	Selection of the organization	7
4.0	Problem formulation	9
4.1	Main objective	9
4.2	Specific Objective	10
4.3	Methodology	12
4.4	Platform	13
5.0	System Analysis and Design	14
5.1	Fact Finding	14
5.2	Feasibility Analysis	15
5.3	Output Design	16
5.4	Input Design	18
5.5	Menu Design	19
5.6	Code Design	41
5.7	Database Design	44
5.8	Validation Checks	49
6.0	Development of System and Testing	50
7.0	Implementation	54
8.0	Conclusion	55
9.0	Suggestions for Future work	56
10.0	Bibliography	57

### Appendices

O.	Reports
P.	Graphical Reports
Q.	System Dataflow
R.	Dataflow in Organization level
S.	Data Dictionary
T.	ER Diagrams

### Examples for Bibliography

1. Books
  - \* Joseph B. Greene, "Oracle DBA Survival Guide." Techmedica, 1995.
  - \* Singh Lave et.al., "Oracle7.3.Developer Guide", Sama Publishing, 1997.
2. Journal
  - \* Gray D. Knott,"Adaptive DeltaModulation," Dr.Dobb's Journal, April1998
  - \* Jenkins G.M. and Walts D.G., 'Spectral Analysis and its Applications' Sangrancisco, CA, Holder Day 1968.
3. Manual
  - 'AIX User's Guide', Version 4.1.IBM.1994.