



**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/2022

Date: 14.09.2022

**Dear Student,**

**Greetings.**

As a part of **M.Sc.INFORMATION TECHNOLOGY** degree programme 2021-22 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 31.03.2023**



*P. N. M. K. R.*  
14/09/22  
DIRECTOR i/c

Encl.: As above.

To

The students concerned

Copy to: Concern Guide

SDE-M.Sc (Information Technology)

PROJECT GUIDE ALLOCATION

Project Duration: October 2022 to March 2023

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.	21APITN0001, 21APITN0002, 21APITN0003 21APITN0004, 21APITN0005, 21APITN0006 21APITN0007, 21APITN0008, 21APITN0009 21APITN0010, 21APITN0011, 21APITN0012 21APITN0014,21APITN0015,21APITN0017, 21APITN0019, 21APITN0021, 21APITN0022, 21APITN0024, 21APITN0025, 21APITN0027, 21APITN0028, 21APITN0029, 21APITN0030, 21APITN0031,21APITN0032, 21APITN0035. 21APITN0036,21APITN0037.
2	<b>Mr.T. Ramesh</b> Associate Professor Department of Information Technology Bharathiar University Coimbatore-641046.	21APITN0038, 21APITN0039, 21APITN0041 21APITN0042, 21APITN0043, 21APITN0044 21APITN0045, 21APITN0046, 21APITN0047 21APITN0048, 21APITN0050, 21APITN0051 21APITN0053, 21APITN0054, 21APITN0055 21APITN0056, 21APITN0057, 21APITN0061 21APITN0062, 21APITN0063, 21APITN0064 21APITN0065, 21APITN0066.
3	<b>Mrs. W. Rose Varuna</b> Assistant Professor Department of Information Technology Bharathiar University Coimbatore-641046.	21APITN0067, 21APITN0068, 21APITN0077 21APITN0081, 21APITN0084, 21APITN0085 21APITN0093, 21APITN0098, 21APITN0099 21APITN0100, 21APITN0101, 21APITN0102 21APITN0105, 21APITN0109, 21APITN0111 21APITN0112, 21APITN0113, 21APITN0114 21APITN0117, 21APITN0118, 21APITN0119 21APITN0120, 21APITN0121,

  
DIRECTOR i/c



**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/2022

Date: 14.09.2022

Sir,

Sub: SDE-M.Sc.IT – 2021-22 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 **October 2022 to March 2023**.

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

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.**



SCHOOL OF DISTANCE EDUCATION  
BHARATHIAR UNIVERSITY: COIMBATORE – 641 046  
GUIDELINES TO M.Sc. PROJECT REPORT PREPARATION

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> October 2022 to 31<sup>st</sup> March 2023.
- ❖ 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 31.03.2023 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 31.03.2023 separate communication will not be sent to this effect.

  
DIRECTOR

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
1.7	Cost Estimation system in the farming	2
1.8	Needfor computerized system in the farming	4
1.9	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	10
4.2	Specific Objective	12
4.3	Methodology	13
4.4	Platform	14
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.	Bibliography	57

### Appendices

AA.	Reports
BB.	Graphical Reports
CC.	System Dataflow
DD.	Dataflow in Organization level
EE.	Data Dictionary
FF.	ER Diagrams

Examples for Bibliography

- Books
  - \* Joseph B. Greene, "Oracle DBA Survival Guide," Techmedica, 1995.
  - \* Singh Lave et.al., "Oracle7.3.Developer Guide", Sama Publishing, 1997.
- 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.
- Manual
  - 'AIX User's Guide', Version 4.1.IBM.1994.