



কৃষ্ণ কান্ত হান্দিকৈ ৰাজ্যিক মুক্ত বিশ্ববিদ্যালয়
Krishna Kanta Handique State Open University
GUWAHATI-781006

Housefed Complex
Last gate, Dispur

Ref: PROJ_UGPG/2015/02

Date: 18/05/2015

NOTIFICATION FOR PROJECT GUIDELINES

It is hereby informed to all the learners of MCA 6th Semester to follow the guide lines in preparing their project work/report, which is attached herewith.

sd/-

Deputy Registrar (Examinations)



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**MASTER OF COMPUTER APPLICATION
(MCA)**

MCA(S6)23



PROJECT GUIDELINES

KRISHNA KANTA HANDIQUI STATE OPEN UNIVERSITY

Head Office : Patgaon, Rani Gate, Guwahati-781 017

City Office : Housefed Complex, Dispur, Guwahati-781 006; Web: www.kkhsou.in



CONTENTS

- I. TIME SCHEDULE FOR THE PROJECT
- II. PROJECT GUIDE
- III. FEES FOR PROJECT
- IV. PROJECT PROPOSAL FORMULATION
- V. PROJECT REPORT PREPARATION
- VI. CERTIFICATE OF ORIGINALITY FROM THE SUPERVISOR
- VII. PROJECT REPORT SUBMISSION
 - A) IMPORTANT POINTS OF PROJECT REPORT
 - B) APPLICATION AREAS & RELATED TOOLS

I. TIME SCHEDULE FOR THE PROJECT

Sl. No.	Topic	Date
1	Submission of the synopsis of the project at the respective Study Centre	Upto 31 st January
2	Submission of the project report and the soft copy of the designed project at the Study Centre	Upto 30 th June
3	Viva-voce to be conducted	1 st August to 10 th August

II. PROJECT GUIDE

Eligibility criteria:

- Faculties in the Department of Computer Science/Information Technology of KKHSOU/ Colleges/Institutions affiliated to any Indian University and having minimum 2 years teaching experience.

OR

- A person having minimum M.Tech., MCA, M.Sc. in Computer Science/Information Technology with 4 years experience in Industry experience.



III. FEES FOR PROJECT

A fees of **Rs.1000/-**(through Bank challan) should be attached along with the project report as Viva-Voce fees. The Bank challan form is available in the University website.

IV. PROJECT PROPOSAL FORMULATION

Most of the professional programmes have a project work which provides an opportunity for the learners to implement the theoretical knowledge gain throughout the whole program. It is to be carried out with due care and should be executed with seriousness by the candidates.

TYPE OF PROJECT

The types of the project means - the learners are suggested to choose a topic or field which have some direct relevance in day-to-day activities or real life problem solving. It is not mandatory for the learner to do their project work on real life problem solving. **The project work should compulsorily include the software development.** A list of selected area for developing the project work is given at section V(B).

PROJECT PROPOSAL (SYNOPSIS)

The project proposal or the synopsis is the frame work for carrying out the project. It should be prepared in consultation with Guide. The necessary parts of a project proposal is given in the following form :

- * Title of the Project.
- * Introduction and Objectives of the Project.
- * Project Category (RDBMS/OOPS/Networking/Multimedia etc.).
- * Tools / Platform, Hardware and Software Requirement specifications.
- * Whether the project is done for any Industry/Client? The Name and Address of the Industry or Client is to be mentioned.



V. PROJECT REPORT PREPARATION

1. A Project Report should include the following items :

- * Introduction
- * Objectives
- * Tools/Environment Used
- * Analysis Document (This should include SRS i.e., Software Requirement Specification in proper structure based on Software Engineering concepts, E-R diagrams/Class diagrams/any related diagrams (if the former are not applicable), Data flow diagrams/ other similar diagrams (if the former is not applicable), Data dictionary)
- * Input and Output Screens
- * Limitations of the Project
- * Future Application of the Project
- * Program code (Complete code in such a way that it includes complete error handling, passing of parameters as required, placement of procedure/function statements as needed.)
- * Bibliography

Learners have to attach the code compulsorily. The project report should be hard bound; should consist of a contents page; all pages of report should be numbered; content should be well organized in a meaningful manner; printouts of text & screen layouts should be original and should not be Xeroxed)

2. Certificate of Originality from the Guide.
3. Resume of the Guide should be attached along with the Project Report
4. The Project Report may be about 50 to 80 double spaced A-4 size typed pages (excluding program code).



VI. CERTIFICATE OF ORIGINALITY FROM THE GUIDE

This is to certify that the project report entitled

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submitted to **Krishna Kanta Handique State Open University** in partial fulfilment of the requirement for the award of the degree of **MASTER OF COMPUTER APPLICATIONS (MCA)**, is an original work carried out by Mr./Ms..... Enrolment No.:..... under the supervision of Mr./ Ms.....

The matter embodied in this project is a genuine work done by the student and has not been submitted either to this University or to any other University / Institute for the fulfilment of the requirement of any course of study.

Signature of the learner
Name and Address

Signature of the Guide
Name, Designation &
Address

Enrolment No.:





VII. PROJECT REPORT SUBMISSION

The learners have to make three copies of his completed Project Report, one copy each for:

- 1) University
- 2) Study Centre
- 3) Personal copy of learner

All the three copies should be brought at the time of viva-voce and submitted to the External Examiner for his/her signature.

The viva marks will be allotted by the External Examiner. But the Project Report is to be evaluated only by the University.

One signed copy should be sent to the University by the study centre along with the viva-marks.

PROJECT EVALUATION

The **Project Report** is evaluated for 150 marks and the **Viva-Voce** is for 50 marks. To be declared successful, a learner should secure at least 50% marks separately in both project report evaluation (i.e.75/150) and viva-voce (i.e.25/50). Students will be duly intimated about the schedule of viva-voce.

A student will be unsuccessful if it is found some Unfair cases of copied versions of project synopsis and project reports.

RESUBMISSION OF THE PROJECT IN CASE OF FAILED LEARNERS

A learner has to **resubmit** the project synopsis if he/she is unsuccessful in the project. Learners are advised to select a new topic for the project and should prepare and submit the project synopsis again. There are no separate slots for the submission of the project synopsis / project reports for the failed learners. The learners will be informed through the respective study centre.

A. IMPORTANT POINTS OF PROJECT REPORT

1. The Project Report should be submitted in A-4 size papers typed in double space. The Project Report should be hard bound.
2. Ensure that it contains the following:
 - * Project Proposal.
 - * Certificate of Originality from the Supervisor.
 - * All signatures should be accompanied by the date of signature.It should include all items mentioned in Section III.
3. **If any project report is received in the absence of the items listed above, it will be rejected and returned to learners for compliance. Also, violation of Project Guidelines may lead to rejection of the Project .**
4. **Only One hard bound original copy** of the project report is to be submitted to the **University. One copy of the same Project Report is to be retained with the learner and the learner is supposed to carry his/her copy while appearing for viva voce. Spiral binding of Project Report is not permitted.**
5. Xerox copy of the project report is not acceptable.
6. **Not more than one learner will be permitted to work on the same project.**



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7. If the title of the Project differs from the title mentioned in the Project Proposal, the Project Report will be rejected and will be returned back to the student.
8. In case, learners require any letter from the University for doing a project in any organization, they may request the Co-ordinator of the study centre or the university for the issuance of the same.

B. APPLICATION AREAS & RELATED TOOLS

APPLICATIONS : Financial/ Manufacturing/ Multimedia/ Computer Graphics/ Instructional Design/ Database Management System/ Internet/ Intranet/ Computer Networking-Communication Software/E-Commerce/TCP/IP Internals/ Routing protocols/ Implementation of Switches & Routers.

Related Tools :

FRONT END / GUI Tools : Visual Basic, Oracle, Developer2000, VC++ etc.

RDBMS/BACK END : Oracle, Ingres, SQL Plus, MYSQL, SQL Server, DB2 etc.

LANGUAGES : C, C++, Java, VC++, C# etc.

INTERNET TECHNOLOGIES : DHTML, Java script, VB Script, HTML, Java, Active X, SWING, JSP, ASP, PHP, XML, Java Beans, Java Servlets, CSS, VB.Net, AWT, J2EE.

NETWORKING TECHNOLOGIES : ATM, Frame Relay, TCP/IP, SNMP, GSM, VoIP, PPP, IP-PSTN, SONET/SDH

WIRELESS TECHNOLOGIES : BlueTooth, 3G, ISDN, EDGE

OPERATING SYSTEMS : WINDOWS/DOS/UNIX/LINUX/ANDROID.



C. FORMAT OF THE PROJECT REPORT

A Project Report on _____

Font type: Arial
 Size:12, Bold

TITLE OF THE PROJECT _____

Font type: Arial
 Size:16, Bold

In fulfillment of the requirement for the 6th Semester of
Master of Computer Application
Programme



Submitted by

.....
(Name of the Learner)

Enrollment No.:

Session:.....

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Under the Guidance of

.....
(Name of the Project Guide)

Study Centre

.....
(Name of the Study Centre)

.....
(Location)



TABLE OF CONTENTS

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Chapter 1:		Page No.	
1.Introduction	<i>Font type: Arial, Bold; Size :12</i>		
1.1 Title of the Project	}		
1.2 Problem Definition			
1.3 Existing System			
1.3.1 Description			
1.3.2 Drawbacks			
1.3.3 Conclusion			
1.4 Proposed System			
1.4.1 Description			
1.4.2 Objective			
1.4.3 Advantages			
1.4.4 Scope of the Project			
1.4.5 Limitation			
Chapter 2:		<i>Font type: Arial, Bold; Size :12</i>	
2.System Analysis			
2.1 Introduction		}	
2.2 Initial Investigation			
2.2.1 Introduction	<i>Font type: Arial; Size :12</i>		
