

**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acesdmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

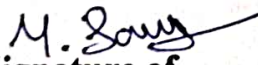
This is to certify that the Project entitled  
**ADVANCED CALL TAXI BOOKING AND MONITORING**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

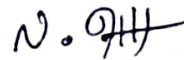
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

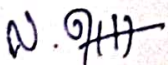
NAME	REG.NO.
AARTHI R	CB17S 182996
ABDUL RAHMAN M	CB17S 182997
ABINASH S	CB17S 182998

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

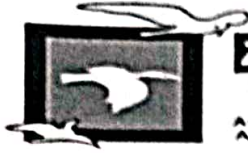
  
Internal Examiner

  
External Examiner

## **Advanced Call Taxi Booking and Monitoring**

### **ABSTRACT**

Online Car Booking management System is developed to manage all cab hiring work online. It is useful for car booking agency that are specialized in Hiring cabs to customers. Using this system many car-booking agency are moving ahead to become a pioneer in the vehicle rental industry by completely focusing on customers. Using this system it is very easy for customer to book a car online and car-booking agency can also track the Air booking online. So it is also very useful for car booking agency. It is an online system through which customers can view available cabs; register the cabs, view profile and book cabs. Mostly people use cab service for their daily transportations need. Car booking agency can also check which car is free for booking and which cars are on booking at present time. The objective and scope of my project Online Cab or car booking System is to record the details various activities of user. It will simplify the task and reduce the paper work. Using this car booking management system car owner can also become partner of car booking agency by giving their car for booking. Online Car rental management system is a web based application that allow users to book a car online. From this system car rental company can manage all car bookings and customer information. User can book cars and admin can confirm the booking and cancel the booking on the basis of availability of the cars and drivers. We have develop this system to produce a web-based system that allow customer to register and reserve cab online and for the company to effectively manage their Cab hiring business. Presently car booking agency do all work offline when a customer comes to them they take the booking order and call the car driver to check their availability with their car if they manage to find a car for booking they confirm the order otherwise they cancel the order as they have no car for the booking. This process waste a lot of time of customer and also of car booking agency and it also give bad name to the agency but with our system car agency can confirm the order within a minute by checking the availability of cars for booking. So this car booking system is helpful to ease customer's task whenever they need to rent a cab or hire a cab.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade A & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaadm@gmail.com

## Department of Computer Science

### Bonafide Certificate

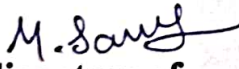
This is to certify that the Project entitled  
**ADVANCED COLLEGE TIMETABLE SCHEDULING**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

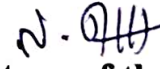
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
ABIRAMI T	CB17S 182999
ABIRAMI T	CB17S 183000
ABITHA S	CB17S 183001

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

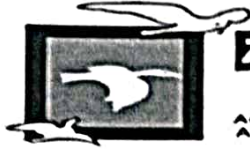
  
Internal Examiner

  
External Examiner

## **Advanced College Timetable Scheduling**

### **ABSTRACT**

Time table generation is tedious job for educationalist with respect to time and man power. Providing a automatic time table generator will help to generate time table automatically. Proposed system of our project will help to generate it automatically also helps to save time. It avoids the complexity of setting and managing Timetable manually. In our project we are going to use algorithms like genetic, heuristic, resource scheduling to reduce these difficulties of generating timetable. These algorithms incorporate a numeral of strategy, aimed to improve the operativeness of the search operation. The system will take various inputs like number of subjects, teachers, workload of a teacher, semester, priority of subject. By relying on these inputs, it will generate possible time tables for working days of the week for teaching faculty. This will integrate by making optimal use of all resources in a way that will best suit the constraints.



**Anna College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with "B" Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaasdmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**ADVANCED CUSTOMIZATION FOR MNCS LEAVE  
MAINTENANCE**

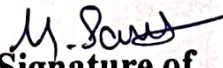
Submitted in partial fulfillment of requirements for the award of the degree  
of

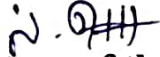
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
ALJAMEEL P	CB17S 183002
ANUSHYA P	CB17S 183004
ARAVIND KUMAR S	CB17S 183005

Department of Computer Science  
Anna College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

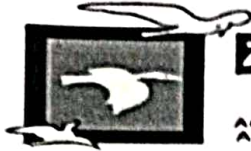
  
Internal Examiner

  
External Examiner

## **Advanced Customization for MNCs Leave Maintenance**

### **ABSTRACT**

This task is gone for building up an online leave administration framework that is of significance to either an association. The Leave Management System (LMS) is an Intranet based application that can be gotten to all through the association or a predetermined gathering/Dept. This framework can be utilized to computerize the work process of leave applications and their endorsements. The occasional crediting of leave is likewise robotized. There are highlights like email warnings, programmed endorsement of leave, report generators and so forth in this framework. Leave Management application will lessen paperwork and keeps up the record in a more proficient way.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaedmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**AUTOMATED COURSE SELECTION AND REGISTRATION  
TACTICS**

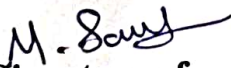
Submitted in partial fulfillment of requirements for the award of the degree  
of

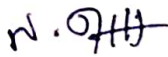
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
ASARUDEEN H	CB17S 183006
BALAMANIKANDAN M	CB17S 183007
BENITHA M	CB17S 183008

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## Automated Course Selection And Registration Tactics

### ABSTRACT

This project aims to introduce automated student's courses registration using computer-telephony integration. The number of students joining both undergraduate and graduate studies is increasing fast through most universities. Manual registration results in crowding a huge number of students inside the registration halls. Registration employees are suffering a lot. Online registration techniques help a lot but still many problems encountered. The reason is due the huge number of students trying to access the university web at the same time. Accessing the web through the Internet becomes a very slow and tedious process. In this research, Computer Telephony Integration technology (CTI) is used to solve these problems it would enable the students to register their courses using their telephones. Technology Application Programming Interface (TAPI) controls are used to develop a CTI application for accessing and updating registration databases. The design, analysis, implementation, and test of the designed system are included.





**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaadmri@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**AUTOMATED QUERY RESOLVER FOR COLLEGE  
PLACEMENT**

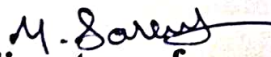
Submitted in partial fulfillment of requirements for the award of the degree  
of

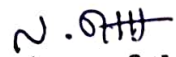
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
DEVIKA B	CB17S 183009
GOWRI MANOKARI S	CB17S 183010
JAYAKANTH K	CB17S 183013

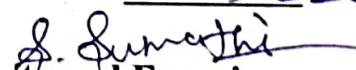
Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

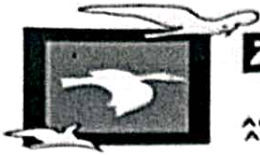
  
Internal Examiner

  
External Examiner

# Automated Query Resolver for College Placement

## ABSTRACT

Most automatic functional annotation methods assign Gene Ontology (GO) terms to proteins based on annotations of highly similar proteins. We advocate that proteins that are less similar are still informative. Also, despite their simplicity and structure, GO terms seem to be hard for computers to learn, in particular the Biological Process ontology, which has the most terms (>29 000). We propose to use Label-Space Dimensionality Reduction (LSDR) techniques to exploit the redundancy of GO terms and transform them into a more compact latent representation that is easier to predict. We compare proteins using a sequence similarity profile (SSP) to a set of annotated training proteins. We introduce two new LSDR methods, one based on the structure of the GO, and one based on semantic similarity of terms. We show that these LSDR methods, as well as three existing ones, improve the Critical Assessment of Functional Annotation performance of several function prediction algorithms. Cross-validation experiments on *Arabidopsis thaliana* proteins pinpoint the superiority of our GO-aware LSDR over generic LSDR. Our experiments on *A.thaliana* proteins show that the SSP representation in combination with a kNN classifier outperforms state-of-the-art and baseline methods in terms of cross-validated *F*-measure.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acesdmm@gmail.com

## Department of Computer Science

### Bonafide Certificate


This is to certify that the Project entitled  
**BIOINFORMATICS TACTICS FOR PROTEIN IMPROVEMENT**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

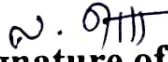
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
KARTHIKEYAN E	CB17S 183014
MOHAIDEEN ABUTHAHIR M	CB17S 183015
MOHAMED RAFAH S A	CB17S 183016

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

# Bioinformatics Tactics For Protein Improvement

## ABSTRACT

Most automatic functional annotation methods assign Gene Ontology (GO) terms to proteins based on annotations of highly similar proteins. We advocate that proteins that are less similar are still informative. Also, despite their simplicity and structure, GO terms seem to be hard for computers to learn, in particular the Biological Process ontology, which has the most terms (>29 000). We propose to use Label-Space Dimensionality Reduction (LSDR) techniques to exploit the redundancy of GO terms and transform them into a more compact latent representation that is easier to predict.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Trichirappalli. E-Mail: acaedmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**BUS TICKET RESERVATION AND CANCELATION  
TECHNIQUE**

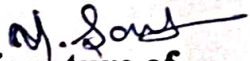
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
MOHAMED YUSUF AYAS M	CB17S 183017
MONISHA S	CB17S 183018
MUKILAN M	CB17S 183019

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

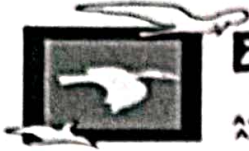
  
Internal Examiner

  
External Examiner

## **Bus Ticket Reservation and Cancelation Technique**

### **ABSTRACT**

Online Bus Ticket Reservation System is a Web based application that works within a centralized network. This project presents a review on the software program "Online Bus Ticket Reservation System" as should be used in a bus transportation system, a facility which is used to reserve seats, cancellation of reservation and different types of route enquiries used on securing quick reservations. OBTRS is built for managing and computerizing the traditional database, ticket booking and tracking bus and travel made. It maintains all customer details, bus details, reservation details. In order to achieve the design, Imo Transport Company (ITC) was chosen as a case study because of its strategic importance to Imo State. Structured Systems Analysis and Design Methodology (SSADM) was adopted. In addition, PHP Hypertext Preprocessor (PHP) language was used for the front-end of the software while the back end was designed using MySQL. The software achieved is capable of improving the customer hand and relationship management in ITC operations. It is recommended that despite the present functionality of the designed software, an additional functionality such as the use of E-mail to send tickets and notifications to the customer and an online payment using credit cards/debit cards should be implemented into the system. Furthermore, other operations carried by ITC such as the courier services should also be integrated in order to enhance the system.



**Anna College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaedmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

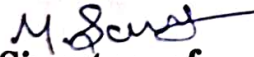
This is to certify that the Project entitled  
**BUS-PASS REGISTRATION AND RENEWAL MECHANISM**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

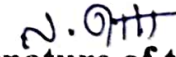
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
NANTHINI M	CB17S 183020
NAVEETH MOHAMED N	CB17S 183021
NISHA E	CB17S 183022

Department of Computer Science  
Anna College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

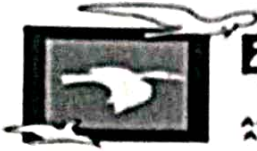
  
External Examiner

## **Bus-Pass Registration and Renewal Mechanism**

### **ABSTRACT**

The system will perform functionalities like retrieving information for the verification and allow commuters to get their passes without engaging them in long queue. Once the commuter gets verified the system allows him/her to book bus passes for any course online. The verification of the customers is done online using their Email id. No need to go for the bus stops to verify the details. Admin will send the notice to the passengers if their validity of bus pass is going to end soon. The current passengers will be notified and they can renew their passes by logging in using their id and password. And admin can view the chart of how many bus passes are generated in a month. The E bus pass registration application will aid aspirants to minimize their valuable time and renew the bus pass without standing in line or hours together in the counter. Primarily users should register the entitlement by acquiescing their facts over internet. Now admin will hold the authority to cross-check the applicant details and if he is satisfied he will move the bus pass and process it for further activities. The applicant can login using their username and password for the accomplishment of renewal. The extension process is passed by repaying the cash using the debit/ credit card. The applicant can also share their valued comments for further upliftment of the application.





**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Trichirappalli. E-Mail: acesdnn@gmail.com

## Department of Computer Science

### Bonafide Certificate

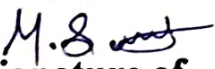
This is to certify that the Project entitled  
**CALL CENTRE EXECUTIVE PROCESS**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
PRASANNAKUMAR R	CB17S 183025
PREETHA V	CB17S 183026
PURUSHOTHAMAN P	CB17S 183027

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## Call Centre Executive Process

### ABSTRACT

In recent years the call centre industry has grown rapidly in size and popularity. In so doing the industry has been perceived to suffer from some of the problems associated with industrial mass production. The nature of the requirement to answer a high number of calls in these centres had led to the use of a traditional "production-line" management approach. Recently, as a result of both customers' and employees' expectations rising in relation to service delivery, the trend is for call centre operations to become more focused on staff empowerment, moving away from the traditional production-line approach. For many companies this has become a difficult management problem. This paper reports on one such company. Following a number of years' reliance on carrying out surveys of customer perceptions, and a history of subsequent lack of service improvement, this research used an in-depth case study approach incorporating observation studies, interviews with different levels of managers, and focus-group discussions with front-line service delivery staff (agents). The findings identified the service quality issues to be addressed in order to reconcile customers' and agents' needs; and the implications for managers.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam, 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acadmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

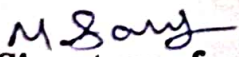
This is to certify that the Project entitled  
**CAREER AND CONSULTANCY SERVICE**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
RAJESH R	CB17S 183028
RAJESWARI M	CB17S 183029
SANDHIYA M	CB17S 183031

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## **Career and Consultancy Service**

### **ABSTRACT**

In recent years the call centre industry has grown rapidly in size and popularity. In so doing the industry has been perceived to suffer from some of the problems associated with industrial mass production. The nature of the requirement to answer a high number of calls in these centres had led to the use of a traditional "production-line" management approach. Recently, as a result of both customers' and employees' expectations rising in relation to service delivery, the trend is for call centre operations to become more focused on staff empowerment, moving away from the traditional production-line approach. For many companies this has become a difficult management problem. This paper reports on one such company. Following a number of years' reliance on carrying out surveys of customer perceptions, and a history of subsequent lack of service improvement, this research used an in-depth case study approach incorporating observation studies, interviews with different levels of managers, and focus-group discussions with front-line service delivery staff (agents). The findings identified the service quality issues to be addressed in order to reconcile customers' and agents' needs; and the implications for managers.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam, 612 503, PH: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acadmri@gmail.com

## Department of Computer Science

### Bonafide Certificate

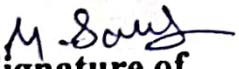
This is to certify that the Project entitled  
**CAREER AND CONSULTANCY SERVICE**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

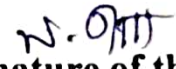
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

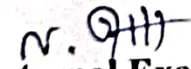
NAME	REG.NO.
SANTHIYA U	CB17S 183032
SARANRAJ S	CB17S 183033
SARAVANAN D	CB17S 183034

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

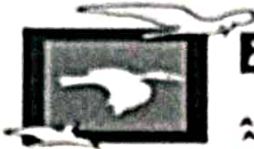
  
Internal Examiner

  
External Examiner

## **Career and Consultancy Service**

### **ABSTRACT**

In recent years the call centre industry has grown rapidly in size and popularity. In so doing the industry has been perceived to suffer from some of the problems associated with industrial mass production. The nature of the requirement to answer a high number of calls in these centres had led to the use of a traditional "production-line" management approach. Recently, as a result of both customers' and employees' expectations rising in relation to service delivery, the trend is for call centre operations to become more focused on staff empowerment, moving away from the traditional production-line approach. For many companies this has become a difficult management problem. This paper reports on one such company. Following a number of years' reliance on carrying out surveys of customer perceptions, and a history of subsequent lack of service improvement, this research used an in-depth case study approach incorporating observation studies, interviews with different levels of managers, and focus-group discussions with front-line service delivery staff (agents). The findings identified the service quality issues to be addressed in order to reconcile customers' and agents' needs; and the implications for managers.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with "B" Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acadmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**CHILD CARE INFORMATION SYSTEM**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
SARAVANAN R	CB17S 183035
SATHISH T	CB17S 183036
SHABIKA BEEVI S	CB17S 183037

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

*M. Jay*  
Signature of

Head of the Department

*N. Pitt*  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

*N. Pitt*  
Internal Examiner

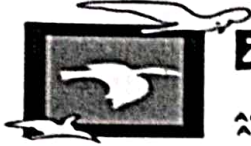
*S. Suresh*  
External Examiner

## Child Care Information System

### ABSTRACT

The main focus of this is to analyze the existing manual computerization information system in United Nations international children emergency fund on childcare information system with a view of developing a computerized information system that will take care of all the identifiable problems inherent in computerized childcare information system. Childcare is a kind of human act that jeopardize the physical, psychological and the futurity of a child either intentionally or unintentionally. Examples of the cares are as follows. Not a loading of new born baby (child) of child not as bread winner giving a child educational right avoiding sales of a child avoid causing 1 caring of a child not starving a child etc. In our society nowadays abandoning of children is not all that rampant anymore. In order hand in most families children are not still being used as a bread winners of family in the sense that they have eliminated in caring one thing or other to streets schools markets etc. In order to get money for the family while their parent are at home to enjoy the money. As a result of this theses children are now being sent to school when it is time. In order to improve more on cares an organization called united nation international children emergency fund (UNICEF) established a system that is called childcare information system that monitors/ protect and improve such cares on children. When cases on such cares are reported to them they investigate and report or take any care that is coordinating to their rules to count so that the appropriate or required necessity will be given to the care. The new system will also help to avoid loss or misplacement of vital documents and help the organization to handle volume of records in less time which will not be possible with the manual system.





**Anna College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaadm@gmail.com

## Department of Computer Science

### Bonafide Certificate


This is to certify that the Project entitled  
**BOOKS STORE MANAGEMENT SYSTEM**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

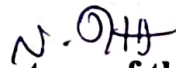
### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
SIVARANJANI A	CB17S 183038
SOUNDARYA K	CB17S 183039
STEEPHANRAJ A	CB17S 183040

Department of Computer Science  
Anna College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of  
Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

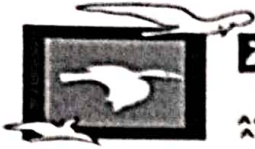
  
Internal Examiner

  
External Examiner

## **Books Store Management System**

### **ABSTRACT**

Book Store Management System is the web application to automate all kinds of operations in the book shop. The purpose of this software is to manage the books in the book store. Generally, it includes the Order Processing, Stock Management and Accounts Management. We developed this software to maintain records of sales, purchase and staff records. This project developed using ASP.NET as front end and SQL Server as Back end. Here we are try to develop such type system which is provide the automation on the any type of the bookshop. That means a shop which has the type system which provides the facility to the customers of the shop to purchase the books from the shop without any complexity. At the start of the business, the books store owner buys the book from the dealers. All the name of the books is noted down in the software along with rate. In the present system user has to do all work manually. In present system During issuing order of more stock, the product register is required to check to availability of stock in hand. And it takes time to check records. The amount paid to a particular dealer from whom the book was bought is also saved in the dealers tab. In present book store management system, To generate the reports based on the management requirement, will require extensive searching of records. In case of Supplier and Staff Record Management, the registers need to be updated time to time as information (like Phone No., Address) changes frequently. The stock section gives the total number of book stocks available in the store. When a customer buys a book from the store, a bill is generated. The bill contains the name of the book purchased, rate per book, quantity, total rate and the total amount. For example any customer want to purchase any book from the shop than first of all customer just choose the stream of the book than he/she can see the more then one type of books there and than he/she can choose the specific book from there



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acadmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**CUSTOMIZED JEWEL DESIGN AND ORDERING**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
SUGUNA V	CB17S 183041
SWETHA S	CB17S 183042
TAMILARASAN B	CB17S 183043

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of

Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## **Customized Jewel Design and Ordering**

### **ABSTRACT**

Today, customer performs most of his purchases online over numerous E-commerce portals. But, customer is little reluctant to purchase jewelry as there are limited choice and risk of quality and design is critical. Therefore, there is a need of an application / tool, which can help customer to customize his/her jewelry using several options. In this paper, we discuss an application developed that can enable the users to design and customize their jewelry using various combinations; simply by selecting objects to see 3D models. These 3D model will give customer a better idea about how the designed model will look like and user can proceed with placing an order for the same. This make to fit approach will certainly give user benefits over the traditional buying approach in jewelry shop. The concept of augmented reality technique has realized into this application design.



**Annai College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007  
Accredited by NAAC with "B" Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acesdmn@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**DANCE SCHOOL CONTROLLING AND MAINTENANCE  
PROCESS**

Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

Is a bonafide record of the original work done by

NAME	REG.NO.
VANMATHI R	CB17S 183044
VEERAMANI S	CB17S 183045
VIJAY R	CB17S 183046

Department of Computer Science  
Annai College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of

Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## **Dance School Controlling and Maintenance Process**

### **ABSTRACT**

Teaching dance can be challenging because of the unique “classroom” management situations that often arise from the dynamic nature of the content. Management is a delicate navigation of advance planning rule setting; protocols, routines, and interventions; and the teacher’s own presentation; In a, of all “variables affecting student achievement...classroom management had the largest effect...” Different forms and styles of dance may require different management strategies. For example, in recreational forms of dance such as folk and social dance, students often need to demonstrate appropriate interpersonal behaviors such as a willingness to work with all classmates as partners. In forms of dance such as modern, jazz, and ballet technique, students need to learn stylized and codified movement skills as well as demonstrate appropriate audience behaviors. Creative dance content presents additional management challenges because of its emphasis on greater student freedom and problem solving. This article will examine a variety of classroom management strategies relevant to the dance class during the various instructional phases, including planning the lesson, preparing the environment for maximum management efficiency”, greeting the class as it enters the dance space, introducing the material (this includes the focus, review, and the statement of objectives), presenting the learning experiences, closure of class, tips for transitions between tasks or activities, and finally, strategies to handle unexpected events. Throughout, the word “teacher” will be used rather than “dance educator” or “physical educator.”



**Anna College of Arts & Science**  
Quality Education for Today & Tomorrow  
Kovilacheri, Kumbakonam, 612 503. Ph: 0435 2453007  
Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acaadm@gmail.com

## Department of Computer Science

### Bonafide Certificate

This is to certify that the Project entitled  
**DATA HIDING AND SENDING SECURE FILES**  
Submitted in partial fulfillment of requirements for the award of the degree  
of

### BACHELOR OF COMPUTER SCIENCE

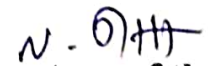
Is a bonafide record of the original work done by

NAME	REG.NO.
VIJAYAPRIYA C	CB17S 183048
VINITHA D	CB17S 183050
YASOTHA V	CB17S 183051

Department of Computer Science  
Anna College of Arts & Science  
Kovilacheri – 612 503  
April - 2020

  
Signature of

Head of the Department

  
Signature of the Guide

VIVA VOCE Examination for this Project Record Was held on 30.3.2020

  
Internal Examiner

  
External Examiner

## **Data Hiding and Sending Secure Files**

### **ABSTRACT**

In the current trends of the world, the technologies have advanced so much that most of the individuals prefer using the internet as the primary medium to transfer data from one end to another across the world. There are many possible ways to transmit data using the internet: via e-mails, chats, etc. The data transition is made very simple, fast and accurate using the internet. However, one of the main problems with sending data over the internet is the security threat it poses i.e. the personal or confidential data can be stolen or hacked in many ways. Therefore it becomes very important to take data security into consideration, as it is one of the most essential factors that need attention during the process of data transferring. The objectives of the project are to provide a secure means of data communication using steganography techniques. The project will allow the user to transmit sensitive data within cover media and provide a less suspicious means of data communication as opposed to cryptography. The project is designed to transmit data through wired/wireless means or through the internet depending on the user convenience. The Steganography, Cryptography and Digital Watermarking techniques can be used to obtain security and privacy of data. The steganography is the art of hiding data inside another data such as cover medium by applying different steganographic techniques. While cryptography results in making the data human unreadable form called as cipher thus cryptography is scrambling of messages.