



**North Maharashtra University, Jalgaon**  
Faculty of Science and Technology  
**BACHELOR OF COMPUTER APPLICATIONS (BCA)**  
**BCA 607 - Project Report & Viva**  
w.e.f. 2019-20  
Total Lectures: 60  
[Total Marks: 60 External + 40 Internal =100 Marks]

**Objective:** – To prepare students to use applications of the theory and practical learned during the course.

### **PROJECT WORK**

1. Each student shall have to carry out the project work based on System Development which may include Application Program, Database Management System, Web Based Application, Smart phone Application, System Tools, Network System Application, etc. A project may be carried out at any outside organization or on a sub system of an organization.
2. The project work should be carried out individually. No group work is allowed in the Project work. The project title should not be repeated.
3. The topic of the project should be decided with the consultation & guidance of an internal guide-teacher of the institute/college. The project should be necessarily innovative and problem solving. No teacher shall be entrusted with more than 15 students for guidance and supervision.
4. The student should clearly mention the need of project , database(s), files required for the project, DFD , Normalization, ERD, software used for the project, reasons for selection of that software, inputs required, outputs produced etc.
5. The application should be menu driven and should provide the facilities of storage of data, modifications in existing data, deletion of unwanted data, and viewing of data.
6. The student has to write a report based on the actual work undertaken during the vacations at the specific selected enterprise/ organization or sub system and get it certified by the concerned teacher that the Project report has been satisfactorily completed and submit TWO typed copies of the same to the Head / Director of the institute /Principal of the college.
7. One copy of the report submitted by the student shall be forwarded to the University by the Institute.
8. No student will be permitted to appear for Viva-Voce examinations, unless and until the project report is submitted within the stipulated time.

36/1317

A  
Project Report  
On  
ONLINE TIME TABLE GENERATOR



Dr. Annasaheb G.D Bendale Mahila Mahavidyalaya, Jalgaon  
(NAAC Accredited 'A' Grade)  
College Code: 100003

SUBMITTED BY

Rohini Bapu Badgujar

GUIDED BY

Prof. Vaishali S.Vispute

In the partial fulfillment of

Bachelor of Computer Application  
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon  
for the Academic Year 2023-2024



Lewa Education Union's

Dr. Annasaheb.G.D. Bendale Mahila Mahavidyalaya

NAAC Re-accredited 'A' Grade (CGPA 3,11)

ISO 9001: 2019 Certified

**CERTIFICATE**

**Department of Computer Application**

This is to certify that Mr./Miss. Rohini Bapu Badgujar  
Final year student of Bachelor of Computer Application has  
successfully completed the project entitled

"Time Table Generator"

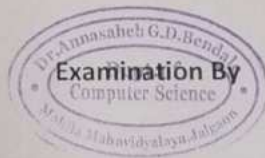
Under the guidance of Prof. Vaishali S. Vispute  
during the year 2023-2024

*Vaishali*  
5/4/24  
Prof. Vaishali S. Vispute

Project Guide

*Rohini*  
5/4/24  
Dr. Harshali B. Patil

Head  
Department of Computer Science  
Dr. Annasaheb G.D. Bendale  
Mahila Mahavidyalaya, Jalgaon  
Department of Computer  
Science



*LPK*  
8/5/2024  
Examiner- I

*Rohini*  
8/5/24  
Examiner-II

## CONCLUSION

The intention of the project is to generate a time-table that can schedule automatically. Timetabling problem being the hard combinatorial problem that is would take more than just the application of only one principle. The timetable problem may only be solved when the constraints and allocations are clearly defined and simplified thoroughly and more than one principle is applied to it. Thus, through the process of automation of the time-table problem, many an-hours of creating an effective timetable have been reduced eventually. By considering all these constraints effectively and efficiently a timetable can be generated which eventually can be used for a specific class of an institution and may also be saved for future. This complete process of storing data of staff and subjects and retrieving them by timetable generation part uses database and thus generates a well scheduled timetable by considering the above constraints.