

A Project Report

on

**“WEBSITE: COLLEGE BOOK”**

Submitted by

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Under the guidance

Of

K.Himabindu, Lecturer

Department of Computer Science & Applications



**Department of Computer Science & Applications**  
**Telangana Tribal Welfare Residential Degree**  
**College(W), Rajanna Sircilla.**

(Affiliated to Satavahana University)

(2019-2020)

## **DECLARATION**

I hereby, declare that this project entitled “ **WEBSITE: COLLEGE BOOK** ” have completed successfully towards the partial fulfillment for the award of the degree “ **BACHELOR OF SCIENCE** ” from “ **TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN, RAJANNA SIRICILLA** .This is the bonafide work undertaken by me which is not submitted to any other university or institution for the award of any degree / diploma.

**DATE :**

**PLACE: RAJANNA SIRICILLA**

### **Name of the Students**

1. G.Archana (210771044681008)
2. Y.Vinika (210771044681018)
3. M.Divya (210771044681014)
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5. G.Anusha (210771044681007)

**Telanagana Tribal Welfare Residential Degree College for  
Women, Thangallapally, Rajanna Siricilla  
(Affiliated to Satavahana University)**

**CERTIFICATE**

This is to certify that a study on project titled “ **WEBSITE: COLLEGE BOOK** ”. This project is submitted by G.Archana (210771044681008), Y.Vinika (210771044681018), M.Divya (210771044681014), P.Sreelekha (210771044681017) and G.Anusha (210771044681007) from **Telanagana Tribal Welfare Residential Degree College for Women, Siricilla** under the guidance of K. Himabindu, Lecturer, Department of Computer Science and Applications. This has not been submitted to any other institute or university for the award of any degree.



**Signature of the guide**



**Principal**  
Principal  
TTWRDC(W)SIRCILLA  
Dist: Rajanna Siricilla

# **A WEBSITE: COLLEGE BOOK**

## **1. INTRODUCTION:**

Now a days, so many websites existed in database to access information. we can access and share resources from the vast database related to higher education and opportunities in career . But so many students are struggling to choose the best and useful information related education and not finding the right career path. Mainly this website is useful for the alumni students to provide career guidance and share opportunities.

## **2. OBJECTIVE:**

1. Share opportunities through the college book website to all alumni students.
2. Provide two way communication to clarify the doubts related to higher education, career and subject knowledge.
3. Motivate the students to improve their skills to reach their specific goal.
4. Give guidance to the students who are inferiority
5. Provide guidance to all alumni students to build the career according to their specific skills. No one should be left blank.
6. Provide financial assistance.

## **3. PROBLEM STATEMENT:**

After completion of their Bachelor Degree, they lost their confidence because lack of proper communication. They compromise to around their situations. Some students have good subject knowledge but they didn't find right path to invest their knowledge. And some of them need financial assistance. Many websites are there to guide for right path but not belief. Many websites provide personnel assistance to clarify their doubts but not affordable to the students. Above some reasons, we want to provide all these through college book website.

## **4. PROPOSED SYSTEM:**

In this paper, we provide the information through the online communication. We want to develop the website using technologies then we provide three modules:

### **4.1 Student Module:**

- ❖ register with credentials only once.
- ❖ login with username and password.
- ❖ access, share the opportunities and take the guidance.

#### **4.2 Faculty Module:**

- ❖ Register with credentials.
- ❖ Login with username and password.
- ❖ Upload the subject videos, materials.
- ❖ Clarify the doubts.
- ❖ Share career opportunities.
- ❖ Provide financial assistance and reach out the students who are in helpless condition.

#### **4.3 Admin Module:**

- ❖ Update the website as per need.
- ❖ Provide the security for safety communication.
- ❖ Manage the student, faculty activities.
- ❖ Store the information as per need.

### **5. REQUIREMENTS SPECIFICATION:**

#### **5.1 Hardware Specifications:**

➤ System	:	Intel CORE i5.
➤ Hard Disk	:	40 GB.
➤ Monitor	:	15 VGA Colour.
➤ Mouse	:	Dell.
➤ Ram	:	512 Mb.

#### **5.2 Software Specifications:**

➤ Operating system	:	Windows 10.
➤ Front-end development	:	HTML5,CSS3,JAVASCRIPT

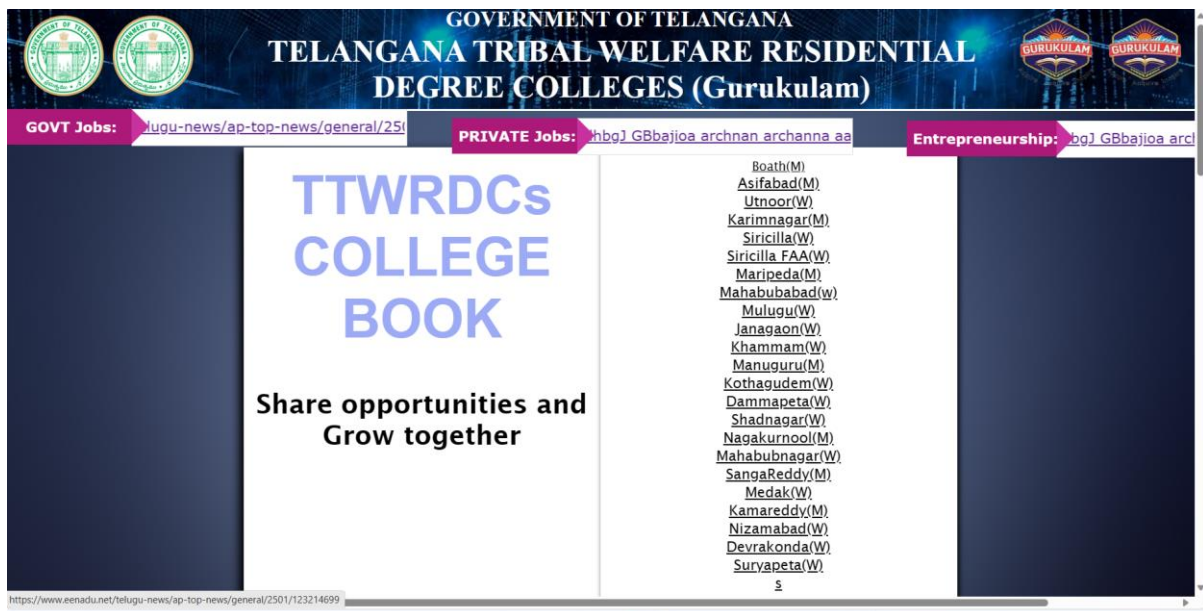
- Browser : JQuery, AngularJS
- Server : PHP,Node.js
- Database : SQL server, MongoDB

## 6. Result Analysis:

### 6.1 Completed work (Front-end Development):

Using Technologies HTML5,CSS3,JavaScript we developed front-end web pages.

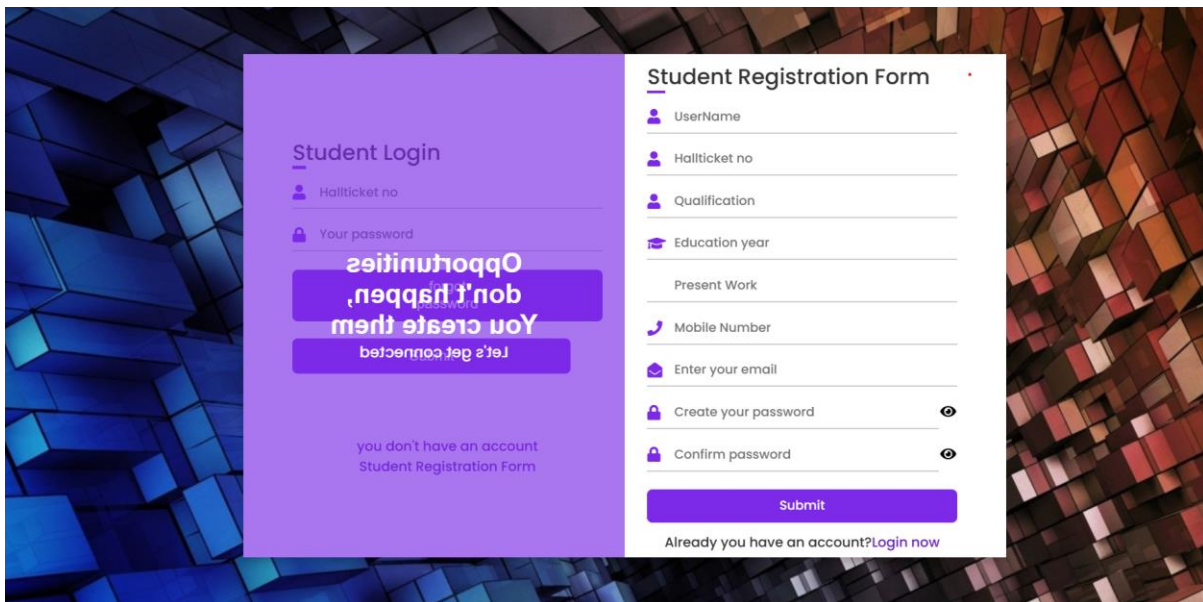
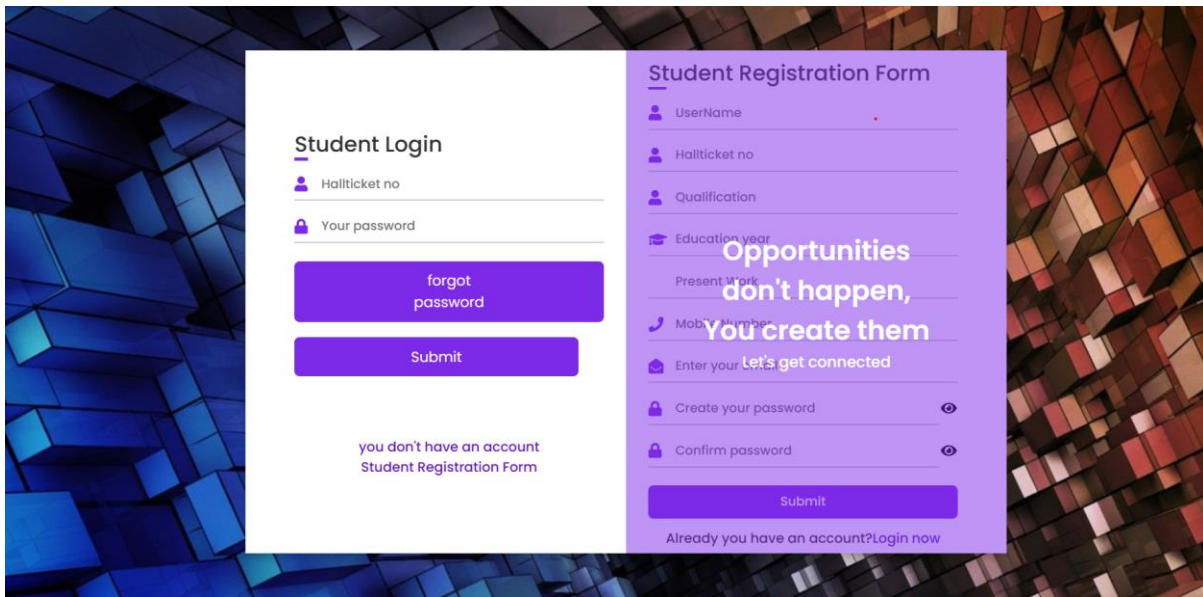
**First Page:** This page contains all degree colleges links, logo of the college book and college name with detailed information.



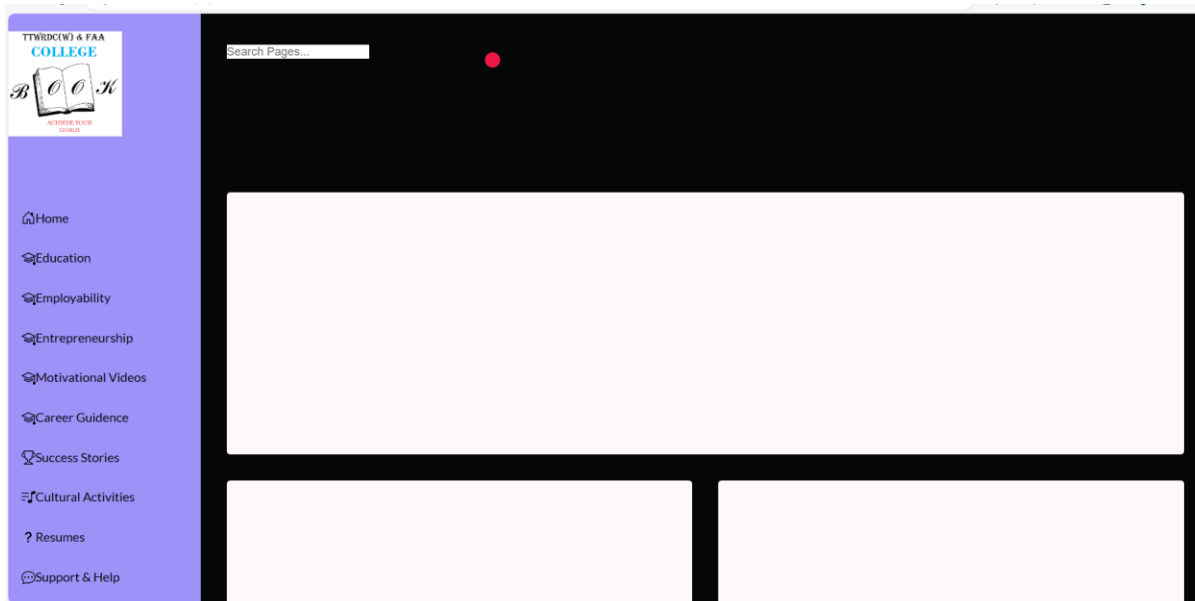
**Login Page:** This page contains student login, faculty login, college activity scrolling book and Register link.



**Register Page:** Hall Ticket Number and remaining personnel identity information about student and faculty.



**Home Page:** This page contains latest information, chat of the student and faculty, notifications like Facebook, student and faculty profile, different types of tabs.



**ENTREPRENEURSHIP**

- Schemes By T.S Government
- Schemes By Central Government
- Special Schemes For Women
- Special Schemes For PWD
- Emerging Business Ideas**
- New Startup Stories
- Address & Contact Details Of Industries Department
- How To Prepare Project Details
- DICCI

### Schemes By T.S Government

1. Financial assistance of 2500 Rs for women of Telangana State who are the heads of their families.
2. Gas cylinders at 500 Rs. and.
3. Free TSRTC bus travel across Telangana.


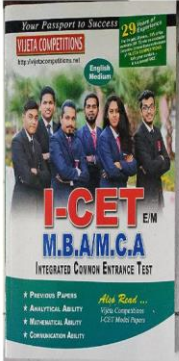
## JAM

Syllabus	Reference Books	Objective question banks	Previous Papers
<p><b>PHYSICS (PH)</b></p> <p><b>Mathematical Methods:</b></p> <p>Calculus of single and multiple variables, partial derivatives, Jacobian, imperfect and perfect differentials, Taylor expansion, Fourier series. Vector algebra, Vector Calculus, Multiple integrals, Divergence theorem, Green's theorem, Stokes' theorem. First order equations and linear second order differential equations with constant coefficients. Matrices and determinants, Algebra of complex numbers.</p> <p><b>Mechanics and General Properties of Matter:</b></p> <p>Newton's laws of motion and applications, Velocity and acceleration in Cartesian, polar and cylindrical coordinate systems, uniformly rotating frame, centrifugal and Coriolis forces, Motion under a central force, Kepler's laws, Gravitational Law and field, Conservative and non-conservative forces. System of particles, Center of mass, equation of motion of the CM, conservation of linear and angular momentum, conservation of energy, variable mass systems. Elastic and inelastic collisions. Rigid body motion, fixed axis rotations, rotation and translation, moments of Inertia and products of Inertia, parallel and perpendicular axes theorem. Principal moments and axes. Kinematics of moving fluids, equation of continuity, Euler's equation, Bernoulli's theorem.</p> <p><b>Oscillations, Waves and Optics:</b></p> <p>Differential equation for simple harmonic oscillator and its general solution. Superposition of two or more simple harmonic oscillators. Lissajous figures. Damped and forced oscillators, resonance. Wave equation, traveling and standing waves in one- dimension. Energy density and energy transmission in waves. Group velocity and phase velocity. Sound waves in media. Doppler Effect. Fermat's Principle. General theory of image formation. Thick lens, thin lens and lens combinations. Interference of light, optical path retardation. Fraunhofer diffraction. Rayleigh criterion and resolving power. Diffraction gratings. Polarization: linear, circular and elliptic polarization. Double refraction and optical rotation.</p> <p><b>Electricity and Magnetism:</b></p> <p>Coulomb's law, Gauss's law. Electric field and potential. Electrostatic boundary conditions, Solution of Laplace's equation for simple cases. Conductors, capacitors, dielectrics, dielectric</p>			



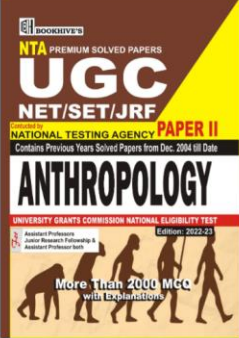
## EDUCATION

	Syllabus	Reference Books	Objective Question Banks	Previous Papers
CUET				
ICET				
GATE				
GMAT				
JAM				
CAT				
TISS				
CMAT				
NIMCET				
GRE Trophy				
LAWCET				



## ANTHROPOLOGY

	Syllabus	Reference Books	Objective question banks	Previous Papers



This book contains all the previous year question papers along with descriptive answers which helps the candidate understand the concepts along with the answers.

## Commerce

	Syllabus	Reference Books	Objective question banks	Previous Papers

**Unit 1: Business Environment and International Business**

- Concepts and elements of business environment: Economic environment- Economic systems, Economic policies(Monetary and fiscal policies); Political environment□Role of government in business; Legal environment- Consumer Protection Act, FEMA; Socio-cultural factors and their influence on business; Corporate Social Responsibility (CSR)
- Scope and importance of international business; Globalization and its drivers; Modes of entry into international business
- Theories of international trade; Government intervention in international trade; Tariff and non-tariff barriers; India's foreign trade policy
- Foreign direct investment (FDI) and Foreign portfolio investment (FPI); Types of FDI, Costs and benefits of FDI to home and host countries; Trends in FDI; India's FDI policy
- Balance of payments (BOP): Importance and components of BOP
- Regional Economic Integration: Levels of Regional Economic Integration; Trade creation and diversion effects; Regional Trade Agreements: European Union (EU), ASEAN, SAARC, NAFTA
- International Economic institutions: IMF, World Bank, UNCTAD
- World Trade Organisation (WTO): Functions and objectives of WTO; Agriculture Agreement; GATS; TRIPS; TRIMS

**Unit 2: Accounting and Auditing**

- Basic accounting principles; concepts and postulates
- Partnership Accounts: Admission, Retirement, Death, Dissolution and Insolvency of partnership firms

**Employability**

- Teaching ▾
- Net
- Set
- Tet
- Civils
- SSC ▾
- Police Requirement
- Postal
- Banking ▾
- Groups ▾
- RRB ▾

**NET (NATIONAL ELIGIBILITY TEST)**

Paper 1 which is common for all candidates, while Paper 2 is a subject-specific test.

**Paper1 Subjects:-**

**Unit 1: UGC NET Teaching Aptitude Syllabus**

- Teaching: Concept, Objectives, Levels of teaching, Characteristics, and requirements.
- Learner's characteristics: Adolescent and adult learners, Individual differences.
- Factors affecting teaching: Teacher, Learner, Support material, Instructional facilities, Learning environment, Institution.
- Methods of teaching in higher learning institutions: Teacher-centered vs. Learner-centered, offline vs. online methods.
- Teaching Support System: Traditional, Modern, and ICT-based.
- Evaluation Systems: Elements, Types, Evaluation in Choice Based Credit System, Computer-based Testing, Innovations.

**Unit 2: UGC NET Research Aptitude Syllabus**


- Research: Meaning, Types, Characteristics, Positivism, Post-positivist approach..
- Methods of Research: Experimental, Descriptive, Historical, Qualitative, Quantitative..
- Steps of Research..
- Thesis and Article writing: Format, referencing..
- Application of ICT in research..
- Research ethics..

**Unit 3: UGC NET Comprehension Syllabus**

In this section, questions based on Reading Comprehension will be asked. A total of 5 questions are asked from this Reading Comprehension unit for a total of 10 marks. Although there is no fixed syllabus for this section, unseen passages based on History, Science & Technology, Literature or Philosophy are typically asked in the exam.

**Unit 4: UGC NET Communication Syllabus**

**About Education:**



I am Lavudya Jyothi from mizapur.pulnayak thanda, Husnabad Siddipet District.I have completed my Bsc.MPCs at TTWRDC[W] Rajanna Sircilla. I am from middle class family. I have two siblings they are studying in our society. My mother and father are farmers. In our college i successfully completed my degree. And this is the one of the best college in our society. I learnt many things here, faculty members are encouraging in all aspects. Now I am selected for Hyderabad Central University(HCU) for post Graduation in physics.My father is my role model and he supports me in everything.And I want to whole heartedly thank my lecturers who were always there to support me and guide me.

**LAVUDYA JYOTHI(MPCs)**

**Success Stories**

## 6.2 A job to be done (Back-end Development):

Using Technologies HTML5,CSS3,JavaScript we developed front-end web pages.

In Back-end development

- ❖ To store and access the details of student and faculty in the database whoever register in web page then we need **SQL server coding** and **MongoDB technology**. To share the information, to communicate with each other we need to develop using **SQL server**.
- ❖ A Web framework software's i.e. **Angular** and **J Query** need to be designed to support the web services,resources and web API s.
- ❖ Allow users to determine who can see the content they post to the site, whose content appears in their feed, and allows sites to restrict access to authorized users and serve only the information that a user is permitted to see. For this, we need to develop application using **Node.js** software.