

**COMMUNITY SERVICE PROJECT  
ON  
EMPOWERING PEOPLE WITH DISABILITY**

*A project report submitted in the partial fulfillment of*

*Requirements for the award of the Degree of*

**BACHELOR OF TECHNOLOGY IN  
COMPUTER SCIENCE AND ENGINEERING**

Name of the Student: **BOKKA GEETHA SRAVANTHI**

Registration Number: **20501A0520**

Name of the College: **Prasad V. Potluri Siddhartha Institute of Technology**

Period of CSP: **6 weeks**

From: **31. Oct. 2022**

To: **10. Dec. 2022**

**Under the Esteemed Guidance of  
Dr. PARAVATHANENI NAGA SRINIVASU M.Tech, Ph.D,  
Associate Professor,  
Department of CSE**



**Department of Computer Science and Engineering  
PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**

(Permanently affiliated to JNTU: Kakinada, Approved by AICTE)

(An NBA & NAAC A+ accredited and ISO 9001:2015 certified Institution)

**Kanuru, Vijayawada -520007  
2022-2023**

# Certificate from Official of the Community

This is to certify that B. Geetha Sravanthi Reg. No 20501A0520 of  
Prasad V. Potluri Siddhartha Institute of Technology (Name of the College)  
underwent community service in SBI Colony, near Siddhartha Hotel Management  
Vijayawada-10 (Name of the Community)  
from 31/10/2022 to 10/12/2022. The overall performance of the Community Service  
Volunteer during his/her community service is found to be Good (Satisfactory/Good).

  
13/12/22  
Authorized Signatory with Date and Seal

**SECRETARY (WARD)**  
**WARD SACHIVALAYAM-272**  
**Siddhartha Nagar, ORGID: 20096179**  
**Vijayawada Municipal Corporation**

**PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**  
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**KANURU, VIJAYAWADA – 520007**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



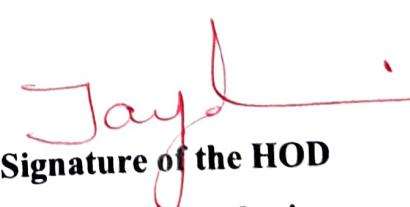
**CERTIFICATE**

This is to certify that the community service project entitled "**EMPOWERING PEOPLE WITH DISABILITY**" is submitted by "Bokka Geetha Sravanthi(20501A0520)", III B.Tech Ist Semester in partial fulfillment of the requirement for the award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** From 31.Oct.2022 To 10.Dec.2022 (6 Weeks) in the academic year 2022-2023.

**Submitted on: 15-12-2022**

  
Signature of the Guide 15/12/2022

Dr. P.Naga Srinivasu,  
Associate Professor,  
Dept. of CSE, PVPSIT.

  
Signature of the HOD

Dr. A. Jayalakshmi,  
Professor & HOD,  
Dept. of CSE, PVPSIT.

HEAD  
Dept.of Computer Science & Engg.  
PRASAD V.POTLURI  
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KANURU,VIJAYAWADA-520007.

## **Student's Declaration**

I, **Bokka Geetha Sravanthi** a student of B.Tech Program, Reg. No. 20501A0520 of the Department of Computer Science and Engineering, Prasad V. Potluri Siddhartha Institute of Technology do hereby declare that I have completed the mandatory community service from 31. Oct. 2022 to 10. Dec. 2022 in Vijayawada under the guidance of Dr.P.Naga Srinivasu, Assistant Professor Department of Computer Science and Engineering, PVPSIT.

B.Geetha Sravanthi  
14/12/2022  
*(Signature and Date)*

## **Acknowledgement**

I would like to thank the **Government of Andhra Pradesh** and **JNTUK Kakinada** for their support and initiation of community service project.

I would like to thank the **Mr. Yasawanth(Vijayawada sachivalayam secretary)** for providing a great support for us in completing my community service project.

I would like to take this opportunity to thank our beloved Principal, **Dr. K. Sivaji Babu**, for providing a great support for us in completing my project and for giving us the opportunity of doing the project.

At the same time, we feel elated to thank our Professor and Head of the Department, **Dr. A. Jayalakshmi**, and for inspiring us all the way and arranging all the facilities and resources needed for the project.

We are also thankful for my project In charge **Y. Ayyappa**, Assistant Professor, Computer Science & Engineering, for their constant encouragement and valuable support throughout the course of the project.

It is with the immense pleasure that i would like to express our indebted gratitude to our guide **Dr. P. Naga Srinivasu, Associate Professor**, Computer Science & Engineering, who has guided us a lot and encouraged us in every step of the project work. His support throughout the project helped us to complete the project within the time.

I am very much grateful to all the staff and faculty of Department of CSE for their cooperation during the course of this project work. Finally, I would like to express our sincere thanks to each and every one of our college, who have contributed their help and guidance for the successful completion of this project.

**Project Associate**

**B. Geetha Sravanthi**

**20501A0520**

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# **CHAPTER 1: EXECUTIVE SUMMARY**

*The community service report shall have only a one-page executive summary. It shall include a brief description of the Community and summary of all the activities done by the student in CSP and five or more learning objectives and outcomes*

Disabled people are people who have mental or physical limitation so they depend on someone to support them in doing their daily life needs and jobs. Although disabled people are a minority and they are normally ignored, they are still a part of the society. The statistics show that the proportion of disabled people in the world rose from 10 percent in the seventies of the last century to 15 percent so far.

The number of handicapped exceeds a billion people all over the world, occupied about 15 percent of the world's population, as a result of an aging population and the increase in chronic conditions such as diabetes, heart disease, blood and psychological diseases that are related with disabilities and impairments. Around 15 per cent of the world's population, or estimated 1 billion people, live with disabilities. They are the world's largest minority.

## **OBJECTIVES:**

- a.** To understand and conduct survey in the respective place in Vijayawada.
- b.** To get a brief statement about their living style.
- c.** To analyze the survey and their situations in their daily life.
- d.** To get through various problems they face and to sort out.
- e.** To get a basic problem statement through the issues.
- f.** To get a solution and a make a prototype on the problem.

## **OUTCOMES:**

- a.** Understanding about the situations and conducting survey.
- b.** Briefing on the life style and economic conditions.
- c.** Analyzing the survey results.
- d.** Collecting various problems such that we can solve using technology.
- e.** Gaining a problem statement.
- f.** Creating a solution and recommending a prototype

## **CHAPTER 2: OVERVIEW OF THE COMMUNITY**

*About the Community/Village/Habitation including historical profile of the community / habitation, community diversity, traditions, ethics and values.*

*Brief note on Socio-Economic conditions of the Community/Habitation.*

I went to Siri Divyangula Development Society which was located at vijayawada. There are different types people.

I collected information and contacts about the physically impairment persons. Firstly, we met them personally and conducted survey. I met different persons with different disability and we collected required information. I approached different types of people where some have confidence and some facing hard situations in their life.

The systems and structures of resources, money, and power in a community and around the world. Social and economic factors, supports can significantly affect how well and how long we live. These factors affect our ability to make health choices, afford medical care and housing, manage stress and more in a community.

I have noticed so many people who are suffering with disability was not born as disability they have born as like others but due to, conditions they have lost their body parts. Some them lost in accidents and like that. And most of the people were born as physically challenged. These, persons are following different techniques for performing their regular daily activities. But the one thing. I noticed that, so many are depending on others for doing small things. I want to encourage them by explaining new technologies like surgical hands and legs for deaf and dumb good sign language and for blind increasing the use of the braille.

## **CHAPTER 3: COMMUNITY SERVICE PART**

*Description of the Activities undertaken in the Community during the Community Service Project. This part could end by reflecting on what kind of values, life skills, and technical skills the student acquired.*

Service activities combined with facilitated means for applying the experience to their academic and personal development. It is a form of experiential education aimed at enhancing and enriching student learning in course material. When compared to other forms of experiential learning like internships and cooperative education. A community survey is a method of collecting data from a filtered target audience to help you understand an issue particular to them. Community service is a way for people to make a difference in the world. Community service is crucial for people of all ages. Community service activities help children define their values, experience empathy, develop social skills, and learn about their community. Community service is often organized through local areas. It may be performed for a variety of reasons including citizenship requirements. Community service essay inspires us to help people and bring a smile to their faces. **Needs And Importance:** Community service around the world play an important role in the development of society, ranging from social enterprises in some of the poorest rural areas of the globe, to service designed to enhance quality of life for the more vulnerable members of society in any country or region. It Improves critical thinking skills.

It develops an increased sense of social responsibility – a global view of society and a heart for “giving back” and helping others. It Provides an opportunity to apply academic learning to real-life events. Builds relationships and ‘social connectedness’ and exposes students to diversity and multiculturalism. Improves lifelong communication, interpersonal, and critical thinking skills. It helps students find their passions and interests. These are the skills and values

- It may be required as a substitution of, or in addition to, other criminal justice sanctions when performed for this reason it may also be referred to as community payback. It may be mandated by schools to meet the requirements of a class, such as in the case.
- Background: Community Service is non-paying by one person or a group of people for the

benefit of their community or its institution it may be performed for various reasons It was that the community development project was launched by the government of India and with we find the emergence of a new era of community work.

- It may be required by a government as a part of citizenship requirements, like the mandatory & quote; Hand and hitch-up services & quote; for some municipalities in Germany, or generally in lieu of military service or for civil conscription services.
- It may be required as a substitution of, or in addition to, other criminal justice sanctions when performed for this reason it may also be referred to as community payback. It may be mandated by schools to meet the requirements of a class, such as in the case.

## ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1 31.10.2022	I visited the areas of people who are having disabilities in Vijayawada.	To get familiarized with the people having Disabilities.	
Day – 2 01.11.2022	I observed the people who are having Disabilities.	To categorize the people according to their Disabilities.	
Day – 3 02.11.2022	I interacted with them and observed how they are doing their tasks.	To identify the problems facing by them.	
Day – 4 03.11.2022	I enquired the people about how they are having that disability in some areas. That means how it occurred to them.	To acknowledge about the roots of their disability.	
Day – 5 04.11.2022	I visited the remaining places to enquire about how they are having that disability. That means how it occurred to them.	To acknowledge about the roots of their disability in the remaining villages.	
Day – 6 05.11.2022	I researched about the reasons for cause of the disabilities that they are having.	To know some accurate information about the causes of disability.	

## **WEEKLY REPORT**

**WEEK – 1 (From Dt - 31.Oct.2022 to Dt - 05.Nov.2022)**

### **Objective of the Activity Done: Knowing the cause**

Firstly, I visited the areas of people who are having disabilities in Vijayawada. To get familiarized with the people having Disabilities. I observed the people who are having Disabilities. To categorize the people according to their Disabilities. I interacted with them and observed how they are doing their tasks. To identify the problems facing by them. I enquired the people about how they are having that disability in some areas. That means how it occurred to them. To acknowledge about the roots of their disability and I visited the remaining places to enquire about how they are having that disability. That means how it occurred to them. To acknowledge about the roots of their disability in the remaining villages. I researched about the reasons for cause of the disabilities that they are having. I researched about the reasons for cause of the disabilities that they are having. To know some accurate information about the causes of disability.

## ACTIVITY LOG FOR THE SECOND WEEK

<b>Day &amp; Date</b>	<b>Brief description of the daily activity</b>	<b>Learning Outcome</b>	<b>Person In-Charge Signature</b>
Day – 1 07.11.2022	I explained them about the causes of their disability to them in detail based on our survey.	To acquire some knowledge about the roots of the disability. And to observe whether they are feeling sad about their disability.	
Day – 2 08.11.2022	I explained about the percentage of the disabled people across the world.	I acquired and delivered the information about the percentage of disabled persons across the world.	
Day – 3 09.11.2022	I explained about the services provided by the government like reservation in education and job opportunities etc.	Acquired information about the services provided by the government for the disabled persons.	
Day – 4 10.11.2022	I visited them again and prepared a list of the people having disabilities according to the age and the type of disability they are having.	To get accurate data about the disabled persons according to age.	
Day – 5 11.11.2022	I observed the literacy rate of the children having disabilities.	To get information about the literacy rate.	
Day – 6 12.11.2022	I interacted with the children who are not having education and enquired what problems stops them to be educated.	To know about the problems faced by the children having disabilities to be educated.	

## **WEEKLY REPORT**

**WEEK – 2 (From Dt - 07.Nov.2022 to Dt - 12.Nov.2022)**

<b>Objective of the Activity Done: Problems facing by them</b>
<p><b>Detailed Report:</b> I explained them about the causes of their disability to them in detail based on our survey. To acquire some knowledge about the roots of the disability. And to observe whether they are feeling sad about their disability. So, I explained about the percentage of the disabled people across the world. I acquired and delivered the information about the percentage of disabled persons across the world and I explained about the services provided by the government like reservation in education and job opportunities etc. I also Acquired information about the services provided by the government for the disabled persons. I visited them again and prepared a list of the people having disabilities according to the age and the type of disability they are having. To get accurate data about the disabled persons according to age. I observed the literacy rate of the children having disabilities. To get information about the literacy rate. I interacted with the children who are not having education and enquired what problems stops them to be educated. To know about the problems faced by the children having disabilities to be educated.</p>

## ACTIVITY LOG FOR THE THIRD WEEK

<b>Day &amp; Date</b>	<b>Brief description of the daily activity</b>	<b>Learning Outcome</b>	<b>Person In-Charge Signature</b>
Day – 1 14.11.2022	I researched and identified the solutions for the problems faced by the disabled children for having education.	To identify the solutions for the disabled children to have education.	
Day – 2 15.11.2022	I interacted with the children having disability of not having arms or legs and suggested them to have online education.	To give information about the possible ways to be educated for the people with disability of not having arms and legs.	
Day – 3 16.11.2022	I interacted with children having blindness and suggested them to use “Braille” and to go to the schools which are attended by the children having blindness.	To give information about the possible ways to be educated for the people with blindness.	
Day – 4 17.11.2022	I interacted with children who are deaf and dumb and suggested them to attend the schools which are specially there for them.	To give information about the possible ways to be educated for the deaf and dumb people.	
Day – 5 18.11.2022	I researched for the treatments existing which are providing by the hospitals that can cure the problem they are having.	To get accurate information about the treatments available to cure the disability.	
Day – 6 19.11.2022	I explained them about the disability problems that can be cured by the treatments and acknowledged them about the support provided.	To give information about the treatments that can cure their disabilities.	

## WEEKLY REPORT

**WEEK – 3 (From Dt - 14.Nov.2022 to Dt - 19.Nov.2022)**

<b>Objective of the Activity Done:</b>	<b>SOLUTIONS</b>
<p><b>Detailed Report:</b> I researched and identified the solutions for the problems faced by the disabled children for having education. To identify the solutions for the disabled children to have education. I interacted with the children having disability of not having arms or legs and suggested them to have online education. To give information about the possible ways to be educated for the people with disability of not having arms and legs. I interacted with children having blindness and suggested them to use “Braille” and to go to the schools which are attended by the children having blindness. To give information about the possible ways to be educated for the people with blindness. I interacted with children who are deaf and dumb and suggested them to attend the schools which are specially there for them. To give information about the possible ways to be educated for the deaf and dumb people. I researched for the treatments by existing which are providing by the hospitals that can cure the problem they are having. To get accurate information about the treatments available to cure the disability. I explained them about the disability problems that can be cured by the treatments and acknowledged them about the support provided by the government for them. To give information about the treatments that can cure their disabilities.</p>	

## ACTIVITY LOG FOR THE FORTH WEEK

<b>Day &amp; Date</b>	<b>Brief description of the daily activity</b>	<b>Learning Outcome</b>	<b>Person In-Charge Signature</b>
Day – 1 21.11.2022	I observed that some people who are capable to be employed are not moving themselves forward. They are not aware of their capabilities due to the disabilities.	To know about the people who are capable to be employed.	
Day – 2 22.11.2022	I explained them about the opportunities they are having in the employment and explained about the reservation provided by the government for them.	To acknowledge them about the opportunities they are having in the employment.	
Day – 3 23.11.2022	I observed the people who are having hidden talents like music, dance etc. and I obtained the ways to develop their talents.	To observe their hidden talents and to know the possible ways.	
Day – 4 24.11.2022	I encouraged their hidden talents and showed them the opportunities they are having to move forward.	To encourage them and to show them the possible ways.	
Day – 5 25.11.2022	I observed that are becoming low in terms of their self -confidence. So, I motivated them by telling the successful persons.	To empower them to be confident. By telling them about successful persons who are having disabilities	
Day – 6 26.11.2022	I interacted with the community to make them aware of the importance of forming a bond and collaborate with the disabled persons .	To create awareness among the community to give support to the disabled persons.	

## **WEEKLY REPORT**

**WEEK – 4 (From Dt - 21.Nov.2022 to Dt - 26.Nov.2022)**

### **Objective of the Activity Done: Encouraging Them**

**Detailed Report:** I observed that some people who are capable to be employed are not moving themselves forward. They are not aware of their capabilities due to the disabilities. To know about the people who are capable to be employed. I explained them about the opportunities they are having in the employment and explained about the reservation provided by the government for them. To acknowledge them about the opportunities they are having in the employment. I observed the people who are having hidden talents like music, dance etc. and I obtained the ways to develop their talents. To observe their hidden talents and to know the possible ways. I encouraged their hidden talents and showed them the opportunities they are having to move forward. To encourage them and to show them the possible ways. I observed that are becoming low in terms of their self-confidence because of their disability. So, I motivated them by telling the successful persons who are having disabilities. To empower them to be confident. By telling them about successful persons who are having disabilities. I interacted with the community to make them aware of the importance of forming a bond and collaborate with the disabled persons automatically creates a sense of worth and belonging to them. To create awareness among the community to give support to the disabled persons.

## ACTIVITY LOG FOR THE FIFTH WEEK

<b>Day &amp; Date</b>	<b>Brief description of the daily activity</b>	<b>Learning Outcome</b>	<b>Person In-Charge Signature</b>
Day – 1 28.11.2022	I identified and listed the overall problems of the disabled people.	To get accurate information about the problems.	
Day – 2 29.11.2022	I researched to get the solutions for their problems.	To get the information about the possible solutions.	
Day – 3 30.11.2022	I researched to get solutions of the problems faced by disabled people and I came up with the accurate solutions and listed them.	To get accurate information about the solutions of the problems faced by disabled people.	
Day – 4 01.12.2022	I explained them about the solutions for their problems like keeping artificial legs and arms for the people who are not having them and suggested to use ear hearing machine for the deaf people.	To acknowledge them about all the solutions for their problems.	
Day – 5 02.12.2022	I decided to put all the information in a website which can be helpful for them to easily identify the solutions for their problems or for the community and started researching it.	To decide to create a website and to research it.	
Day – 6 03.12.2022	I started learning the web technologies required for the development of website.	To get to know about the web technologies required for the development of website.	

## **WEEK – 5 (From Dt - 28.Nov.2022 to Dt - 03.Dec.2022)**

### **Objective of the Activity Done: Research for finding accurate solution**

**Detailed Report:** I identified and listed the overall problems of the disabled people. To get accurate information about the problems. I researched to get the solutions for their problems. To get the information about the possible solutions. I researched to get solutions of the problems faced by disabled people and I came up with the accurate solutions and listed them. To get accurate information about the solutions of the problems faced by disabled people I explained them about the solutions for their problems like keeping artificial legs and arms for the people who are not having them and suggested to use ear hearing machine for the deaf people. To acknowledge them about all the solutions for their problems. I decided to put all the information in a website which can be helpful for them to easily identify the solutions for their problems or for the community and started researching it. To decide to create a website and to research it. I started learning the web technologies required for the development of website.

## ACTIVITY LOG FOR THE SIXTH WEEK

<b>Day &amp; Date</b>	<b>Brief description of the daily activity</b>	<b>Learning Outcome</b>	<b>Person In-charge Signature</b>
Day – 1 05.12.2022	I learned about the html web technology and CSS technology in detail to style the website.	To get to know the HTML and CSS web technologies.	
Day – 2 06.12.2022	I started to build the website to empower disabled persons.	To start the development of the website.	
Day – 3 07.12.2022	I arranged the content gathered about the problems and solutions of the disabled persons.	To frame the content displayed on the website.	
Day – 4 08.12.2022	I worked on applying the CSS styles for the collected content and for the development of the website.	To develop the website in a useful and attractive way.	
Day – 5 09.12.2022	I worked on the development of the website to make it in a useful way for the disabled people and completed the development of the website.	To complete the development of the website which is useful for the disabled people.	
Day – 6 10.12.2022	I interacted with them again to show them the website and explained them about the problems and solutions faced by them and empowered them and taken feedback from the community and the disabled persons.	To show the website and to empower the disabled persons.	

## **WEEKLY REPORT**

**WEEK – 6 (From Dt - 05.Dec.2022 to Dt - 10.Dec.2022)**

### **Objective of the Activity Done: Developing Website**

**Detailed Report:** I learned about the html web technology and CSS technology in detail to style the website. To get to know the HTML and CSS web technologies. I started to build the website to empower disabled persons. To start the development of the website. I arranged the content gathered about the problems and solutions of the disabled persons. To start the development of the website. I arranged the content gathered about the problems and solutions of the disabled persons. To frame the content displayed on the website. I worked on applying the CSS styles for the collected content and for the development of the website. To develop the website in a useful and attractive way. I interacted with them again to show them the website and explained them about the problems and solutions faced by them and empowered them and taken feedback from the community and the disabled persons to how useful it is.

## **CHAPTER 5: OUTCOMES DESCRIPTION**

### **Details of the Socio-Economic Survey of the Village/Habitation Attach the questionnaire prepared for the survey**

The survey was conducted using a structured questionnaire. The questionnaire was designed to capture information about the disabled persons health, education, employment, accessibility, discrimination and awareness about policies provided by government. The survey covered the following topics.

#### **Adults:**

- **What are the problems faced by when you go out?**
- **How the people receive you when you communicate with them?**
- **Do you face any employment related issues?**
- What technologies have been used for your physical impairment?
- Have you been aware of government schemes?

#### **Children:**

- Have been to go special schools?
- How do you studing?
- How your parents treat you?
- How do you play with others?
- What type of education are you getting?

#### **Common:**

- Can you freely move with others?
- Who are your role models?
- What do you do on free time?
- Have you been updated to latest technologies for your Physical impairment?
- What is your goal?

- When the disability occurred?

## **Describe the problems you have identified in the community**

Issues and Challenges have identified in the community

- **Health:**

- A large number of disabilities are preventable, including those arising from medical issues during birth, maternal conditions, malnutrition, as well as accidents and injuries.
- However, the health sector especially in rural India has failed to react proactively to disability
- Further there are lack of affordable access to proper health care, aids and appliances
- Healthcare facilities and poorly trained health-workers in rehabilitation centers is another concern.

- **Education:**

- The education system is not inclusive. Inclusion of children with mild to moderate disabilities in regular schools has remained a major challenge.
- There are various issues such as availability special schools, access to schools, trained teachers, and availability of educational materials for the disabled.
- Further, reservations for the disabled in higher educational institutions has not been fulfilled in many instances

- **Employment:**

- Even though many disabled adults are capable of productive work, disabled adults have far lower employment rates than the general population.
- The situation is even worse in the private sector, where much less disabled are employed.

- **Accessibility:** Physical accessibility in buildings, transportation, access to services etc still remain a major challenge.

- **Discrimination/Social Exclusion:**
  - Negative attitudes held by the families of the disabled, and often the disabled themselves, hinder disabled persons from taking an active part in the family, community or workforce.
  - Differently-abled people face discrimination in everyday life. People suffering from mental illness or mental retardation face the worst stigma and are subject to severe social exclusion.
- **Poor implementation of policies and schemes** hinders the inclusion of disabled persons. Though various acts and schemes have been laid down with an aim to empower the disabled, their enforcement face many challenges.

**Short-term and long-term action plan for possible solutions for the problems identified and that could be recommended to the concerned authorities for implementation.**

**Short-term Action Plan:**

- Empowering the people with disability persons by motivating them.  
Creating awareness program for them through seminars, workshops, and other activities.
- Providing information on the new technologies for their problems. Sharing good ideas how they can interact with others and sources they needed. Knowing their capabilities so that we can empower and guide them according to that.
- Knowing their goals and capabilities and encouraging them to achieve their goals.
- Guiding them to use correct technologies for their impairment.
- Keeping awareness program to all people in vijayawada and encourage them to treat normally with the disabled persons.

**long-term Action Plan:**

**▪ Prevention:**

- Preventive health programs need to be strengthened and all children need to be screened at a young age.
- Kerala has already started an early prevention programme. Comprehensive Newborn Screening (CNS) programme seeks early identification of deficits in infants and reduce the state's burden of disability.

**▪ Awareness:**

- People with disabilities need to be better integrated into society by overcoming stigma
- There should be awareness campaigns to educate and aware people about different kinds of disability
- Success stories of people with disabilities can be showcased to inculcate positive attitude among people

- **Employment:**

- Disabled adults need to be empowered with employable skills
- The private sector needs to be encouraged to employ them.

- **Better measurement:**

The scale of disability in India needs to be better understood by improving the measurement of disability.

- **Education:**

- State-wise strategies on education for children with special needs need to be devised.
- There should be proper teacher training to address the needs of differently-abled children and facilitate their inclusion in regular schools
- Further there should be more special schools and ensure educational material for differently-abled children

- **Access:**

- Safety measures like road safety, safety in residential areas, public transport system etc, should be taken up
- Further, it should be made legally binding to make buildings disabled-friendly

- **Policy Interventions:**

- More budgetary allocation for welfare of the disabled. There should be a disability budgeting on line of gender budget.
- Proper implementation of schemes should be ensured. There should be proper monitoring mechanisms and accountability of public funds.

**Description of the Community awareness programme/s conducted w.r.t the problems and their outcomes.**

The community awareness of Empowering disability persons conducted in Vijayawada is quite good. The people are now educated to overcome the problems. The remaining people also behaving normally with the disabled persons and encouraging them in all aspects. The children started gaining knowledge on their area of interests and preparing themselves to achieve their goals.

Every weekend or month end they are planning to gather and wanted to motivate themselves by taking a seminar on great personality. So many people are doing online business and using online resources as their income. Disabled persons are on every fields, they are highly self confident. They have knowledge on every field. They are normally with others.

The disabled students have many capabilities and their parents encourage their children continuously. The people also known about the policies which were provided by the government to them. Well known about the latest technologies for their physical impairment. Community empowering disabled persons has led to the formulation of solutions to some of the problems faced by disabled persons.

Overall, the Community Empowering disabled persons was found to be good.

## **Report of the mini-project work done in the related subject w.r.t the habitation/village.**

A mini-project work in the related subject w.r.t the habitation/village. (For ex., a student of Botany may do a project on Organic Farming or Horticulture or usage of biofertilizers or biopesticides or effect of the inorganic pesticides, etc. A student of Zoology may do a project on Aquaculture practices or animal husbandry or poultry or health and hygiene or Blood group analysis or survey on the Hypertension or survey on the prevalence of diabetes, etc.

### ***The Report shall be limited to 8-10 pages***

An individual's disability can play a major role in his/her life: whether it's positive or negative. But overcoming the challenges and developing confidence is vital and admirable. As a society, it is our utmost duty to allow people with disabilities to experience a life they deserve. We are all different but very much alike at the same time.

The importance of disability awareness has been given prominence over the recent decades, making it easier for the people with disabilities and the society to develop empathy for one another. Disability awareness helps in subsiding the stereotypical mindset of the society, hence providing vast opportunities for everyone to get involved in creating a positive, inclusive society for all.

The term **community** embodies the importance of each and every member including the disabled individuals as we have witnessed that the existence of a community can allow greater change amongst the people coming from any race, culture, background and religion. In order to bring light to the subject, we must be able to comprehend the dynamics of the terminology; community. It exists due to the basic fundamentals and the mutual understanding of people including norms, religion, identity and values:

“The purpose of human life is to serve, and to show compassion and the will to help others.” Fundamentally, it is our vital duty to allow others to find comfort, show affection and serve every individual with or without special needs. Moreover, a positive approach within the community inherits a productive and drastic phenomenon which will therefore be engraved for the coming generations.



The role of a community towards the disabled individual can be easily elaborated if we emphasize on creating friendly relationships with pure intent and understanding. First of all — the importance of forming a bond has hence permitted the individuals to collaborate and empathize with the disabled individuals which thus automatically creates a sense of worth and belonging. In contrast, a distressed disabled individual won't be able to be productive if he/she is left alone so therefore, building a connectivity bridge will lead to finding out the similarities and the differences of each and every individual within the community. Community building and user-first design has thus been a pivotal focus of design at arise Impact.



Realising the importance of education in empowering the visually challenged, IAB provides free education to students from low socio-economic groups. The students at IAB prove the fact that they have skills and capabilities that are at par with sighted students.

Communities can be formed both virtually and non-virtually. A disabled individual can have access to an online community where he/she feels comfortable in finding their voice and the ability to spread their knowledge across the globe. There are plenty of platforms on the internet that provide great virtual services for the disabled individuals. The common ideology of all these platforms is to provide a sense of belonging for the disabled individuals where they can share their real life experiences online in a safe, comforting and friendly environment.

Furthermore, thanks to social media platforms like Facebook, more individuals dealing with a disability have become part of communities as it provides direct contact with the peers and raising their voices for various social causes such as in communities like Disability Support Group and Diversability. ARISE Impact utilizes virtual platforms to give disabled users easier access to learning resources. Virtual platforms give the arise Impact team more opportunities and channels to expand their reach in to the disabled community. The question that arises is how can a disabled individual feel involved within the “real”/ “non-virtual” community and address their issues openly?



“1. Valuing and personal appreciation of the individual with disabilities: Do you value and appreciate this individual? Do you think they have a lot to offer? Do you think they would be a good friend? If you don’t value and appreciate the person, you are probably not the person to assist them to have community relationships.

2. Faith and trust in community members: Do you believe you can find community members who would be interested in getting to know this person? It won’t necessarily be everyone in your community, but do you believe you can find at least ONE person — no matter how small your town is?

3. Belief in the importance of community building for everyone: Do you believe that doing this work is important for everyone —

- Staff
- The person who receives services
- The community members



Additionally, the members of a community should have awareness programs dealing with centers based for both parents and the disabled individual to have the right resources and tools for success. For instance, organizing events within the community and as well as in schools which focuses on raising awareness through sports event, arts competitions, creativity day, gardening day and etc. These events will allow



Therefore, everything starts from home, including raising a younger generation that can empathize and demonstrate the significance of respecting individuals dealing with any kind of disability. Educating the younger generation with the idea that a disabled individual is no less and more capable in competing against any odds. Correct information and mindfulness creates a positive, dignified and a compassionate community.

“Without community service, we would not have a strong quality of life. It’s important to the person who serves as well as the recipient. It’s the way in which we ourselves grow and develop.” . It is pretty clear that one keeps evolving and with time, we as a community should become sincere with providing services and spreading awareness on the rightful role of each member towards the disabled individual.

“Without community service, we would not have a strong quality of life. It’s important to the person who serves as well as the recipient. It’s the way in which we ourselves grow and develop.” . It is pretty clear that one keeps evolving and with time, we as a community should become sincere with providing services and spreading awareness on the rightful role of each member towards the disabled individual.



One of the major steps towards a collaborative community is to be provided with trained teachers taking the responsibility of engaging the disabled individuals. The importance of a trained teacher is substantial in an inclusive education and the necessity of achieving better results by filling the space for the disabled individual with knowledge and a sense of recognition.





The right training of the teachers should not be overlooked by the authorities but instead encourage the trainee/trainers to participate in professional development courses. Hence, teachers are the pioneers of a community in building a common ground for the individuals facing any disability. Thus, with their training, the disabled individuals can succeed and shine in any desired platform.

A positivity-inducing community, whether virtual or non-virtual, can help in bettering the lives of a disabled individual. It is our responsibility as community members to be considerate and remain open-minded. By forming smaller sub communities to celebrating events; the motive needs to be entitled with understanding and betterment of the lives of the disabled individuals.

Disability awareness programs are influential to the overall environment of a school. Disability awareness in schools is extremely important because it educates students so they may become better citizens.” (Lindsay & McPherson, 2011). Researchers have found that disability awareness programs at schools have led young children to gain empathy and have positive attitudes. This particular attitude then further grows on an individual, making them better citizens as they mature. Another great aspect of disability awareness at school is that the classrooms are more inclusive and diverse which allows a student to learn more from his/her peers.

Importance of disability awareness is said to constitute a positive approach towards people with disabilities. There are millions of people dealing with some form of disability and it's our duty to help make their lives a better one, by contributing and promoting awareness through all types of medium to amplify our voice. We strongly believe in empowering people with disabilities so that they are willing to learn and explore different.

## **CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT**

### **RECOMMENDATION**

In order to improve siri divyangula development society in Vijayawada, the following recommendations are proposed.

The government should provide some instruments and some materials to purchase the items such as, wheelchairs, rollators, canes, electrical wheelchairs and scooters.

Improve awareness of disabled persons.

Providing financial support to the disabled persons.

These recommendations should be implemented in order to improve the spirit to Live and overcome their disabilities and ensure that are able to benefit from the society.

The government should provide information about these persons and encourage them to live practices

The government should provide financial support to disabled persons Siri divyangula development society to help them overcome the challenges associated with it.

Ensure inclusion and effective access to education, health, vocational training along with specialized rehabilitation services to children with disabilities.

*Student Self-Evaluation for the Community Service Project*

**Student Name:** B. GEETHA SRAVANTHI

**Registration No:** 20501A0520

**Period of CSP:** From:31-10-2022 to 10-12-2022

**Date of Evaluation:** 15-12-2022

**Please rate your performance in the following areas:**

**Rating Scale:**      **Letter grade of CGPA calculation to be provided**

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	<b>OVERALL PERFORMANCE</b>	1	2	3	4	5

Date: 14-12-2022

B.Gee tha Sravanthi.  
Signature of the Student

**Student Name:** B. GEETHA SRAVANTHI

**Registration No:** 20501A0520

**Period of CSP:** From: To:31-10-2022 to 10-12-2022

**Date of Evaluation:** 15-12-2022

**Name of the Person in-charge:** Y. AYYAPPA

**Address with mobile number:** 9291444345

***Evaluation by the Person in-charge in the Community / Habitation***

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

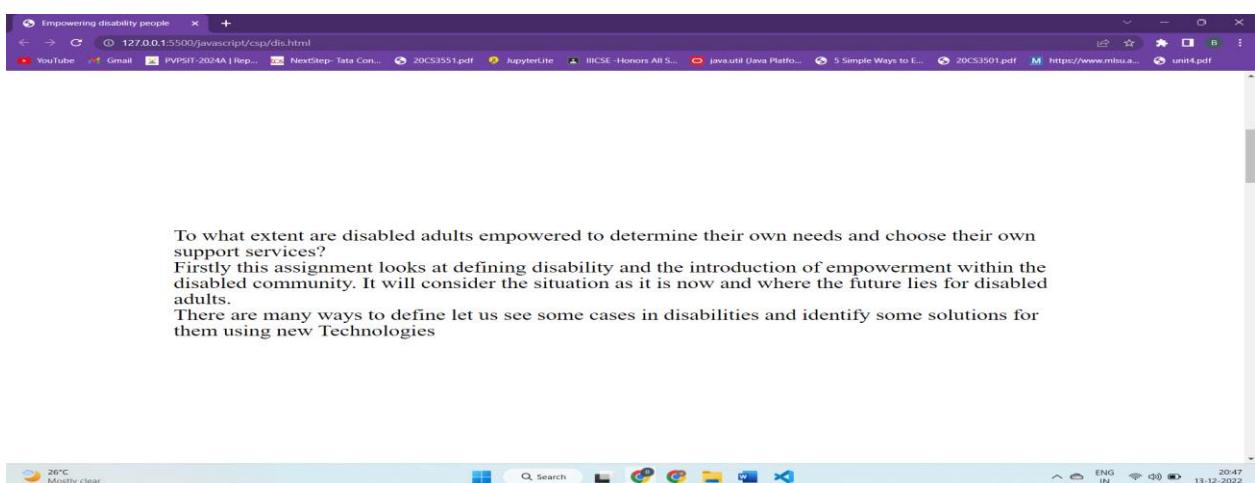
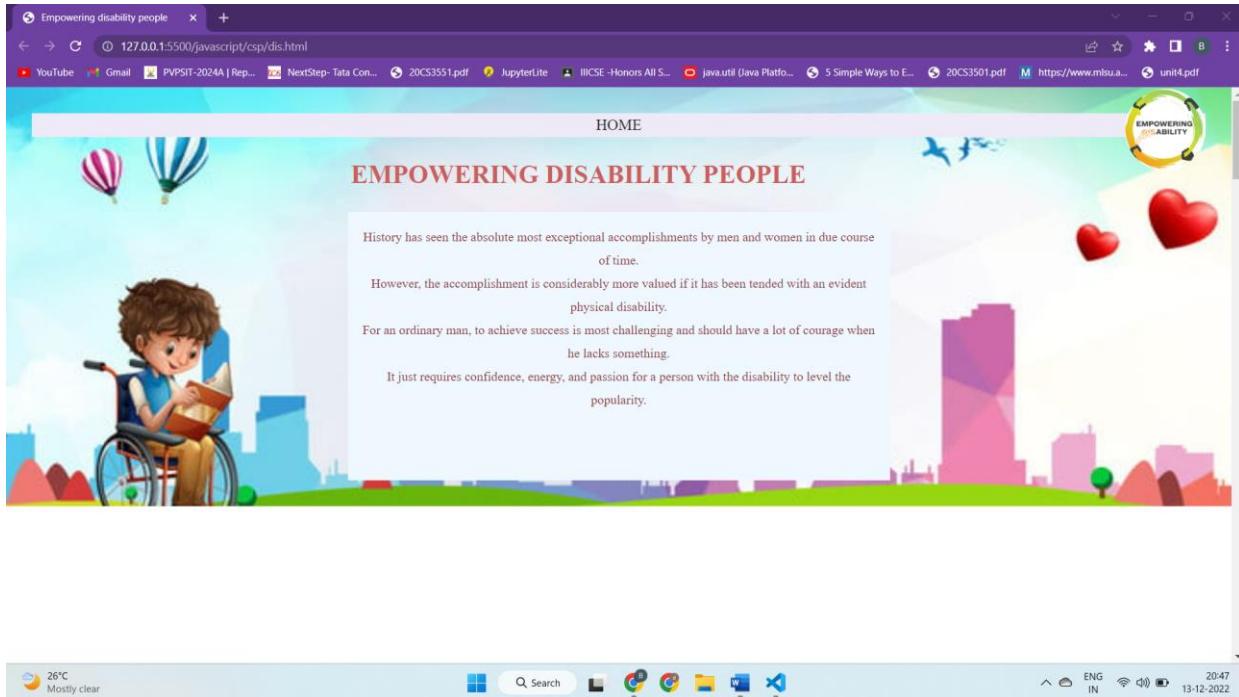
Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
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12	Time Management	1	2	3	4	5
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14	Achievement of Desired Outcomes	1	2	3	4	5
15	<b>OVERALL PERFORMANCE</b>	1	2	3	4	5

Date: 15-12-2022

  
**Signature of the Supervisor**

## PHOTOS & VIDEO LINK



Empowering disability people 127.0.0.1:5500/javascript/csp/dis.html

YouTube Gmail PVPSSIT-2024A | Rep... NextStep- Tata Con... 20CS351.pdf JupyterLite IICSE -Honors All S... java.util (Java Platfo... 5 Simple Ways to E... 20CS3501.pdf https://www.mlsu.a... unit4.pdf

## WAYS TO EMPOWER A PERSON WITH A DISABILITY

HERE, WE GO IN DETAIL

### BLIND

One key message relayed is making sure we treat every blind person as worthwhile, no matter what their blindness skill set. In the blindness community, some who have been blind for a long time may expect newly blind people just to "get over it," meaning the urge to stay home and to depend on others to assist them. We need to reassure them that it is OK for them to try new things and not expect to learn everything immediately.



[CLICK HERE...](#) for more details

26°C Mostly clear Empowering disability people 127.0.0.1:5500/javascript/csp/dis.html

YouTube Gmail PVPSSIT-2024A | Rep... NextStep- Tata Con... 20CS351.pdf JupyterLite IICSE -Honors All S... java.util (Java Platfo... 5 Simple Ways to E... 20CS3501.pdf https://www.mlsu.a... unit4.pdf

## Disability Of Person With No Arms And Legs

There are many common problems faced by those with a physical disability. These challenges can include everything from maneuvering around a home with limited mobility to finding accessible transportation. Fortunately, there are many solutions available that can help to make life easier. The economic empowerment of persons with disabilities can be achieved if they have access to jobs and livelihoods and basic entitlements, such as education, health services, and housing.[CLICK HERE...](#) for more details



26°C Mostly clear Empowering disability people 127.0.0.1:5500/javascript/csp/dis.html

YouTube Gmail PVPSSIT-2024A | Rep... NextStep- Tata Con... 20CS351.pdf JupyterLite IICSE -Honors All S... java.util (Java Platfo... 5 Simple Ways to E... 20CS3501.pdf https://www.mlsu.a... unit4.pdf

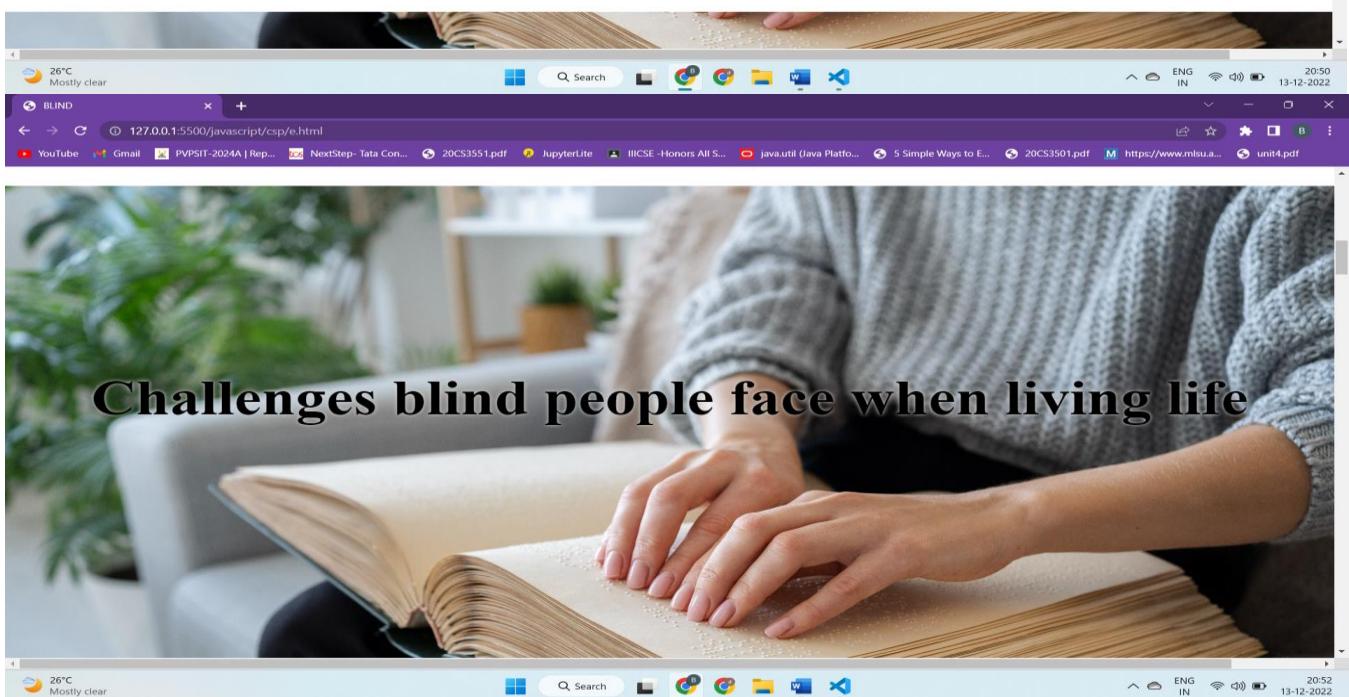


Blindness is a **lack of vision**.

It may also refer to a loss of vision that cannot be corrected with glasses or contact lenses.

Partial blindness means you have very limited vision.

Complete blindness means you cannot see anything and do not see light.





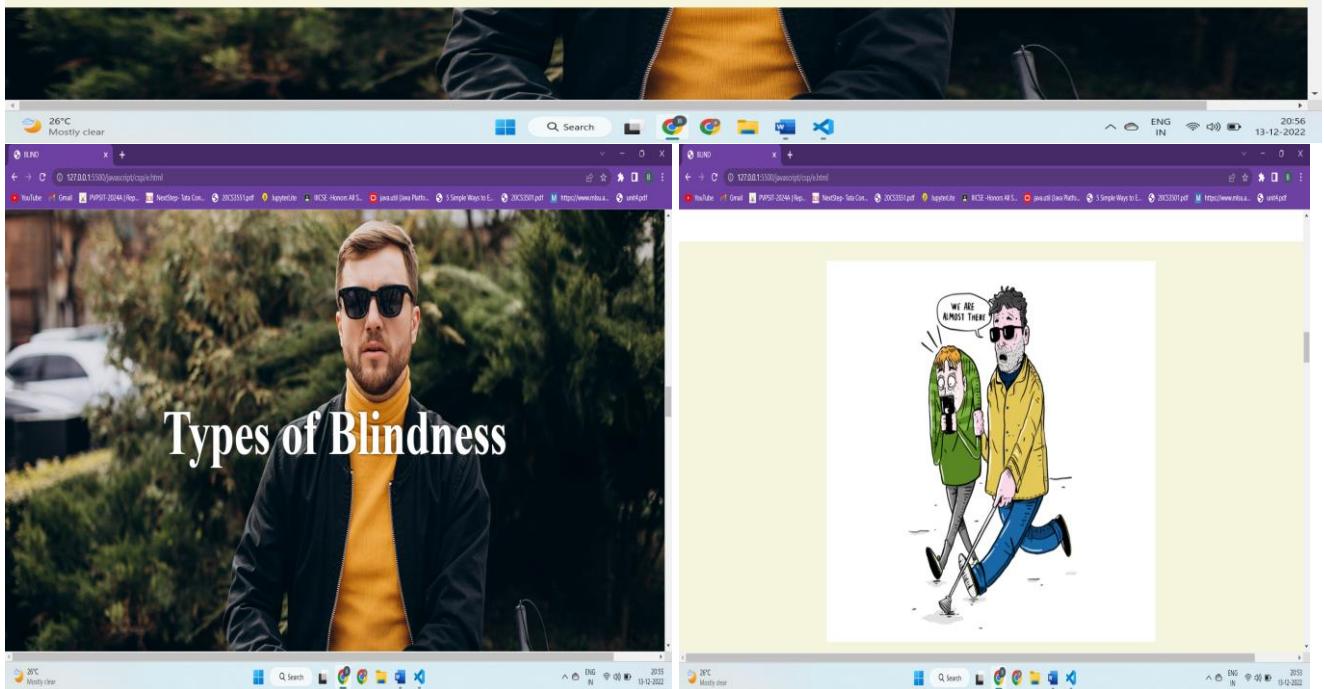
## Access to information:

The major sensory organ of a person is their eyes. One glimpse around us is enough to make us realize how visual is most of the information in our environment. Timetables in train stations, signs indicating the right way or potential danger, these are all the visual types of information we all come across in our daily life. Most of this information is inaccessible for the blind and the visually impaired, inhibiting their independence, since access to information signifies autonomy.



## Overly helpful individuals:

It's very common for sighted individuals, strangers, friends or family, to be overly excited to help a visually impaired person. Blind people might perform a regular task slower but that doesn't mean they're incapable of completing it. Rushing to help the visually impaired without asking or being asked to do so, might make them feel helpless instead of independent.





## CVI

CVI, or cortical/cerebral visual impairment, is the leading cause of modern day blindness in children. Unlike ocular forms of visual impairment, CVI is a brain-based disorder, and often coexists with an additional visual impairment. A child with CVI, for example, may see the world as a swirling mass of color.

**Treatment:** There's no cure for CVI, but vision rehabilitation can help people with CVI make the most of their vision. For some people with CVI, vision problems get better over time on their own.



## Retinitis Pigmentosa

Retinitis pigmentosa is a genetic disorder, which affects up to one in 4,000 people in the U.S. People with this eye condition often have trouble seeing at night.

**Treatment:** Although there is no cure for RP, treatments are available for managing some aspects of its clinical manifestations.



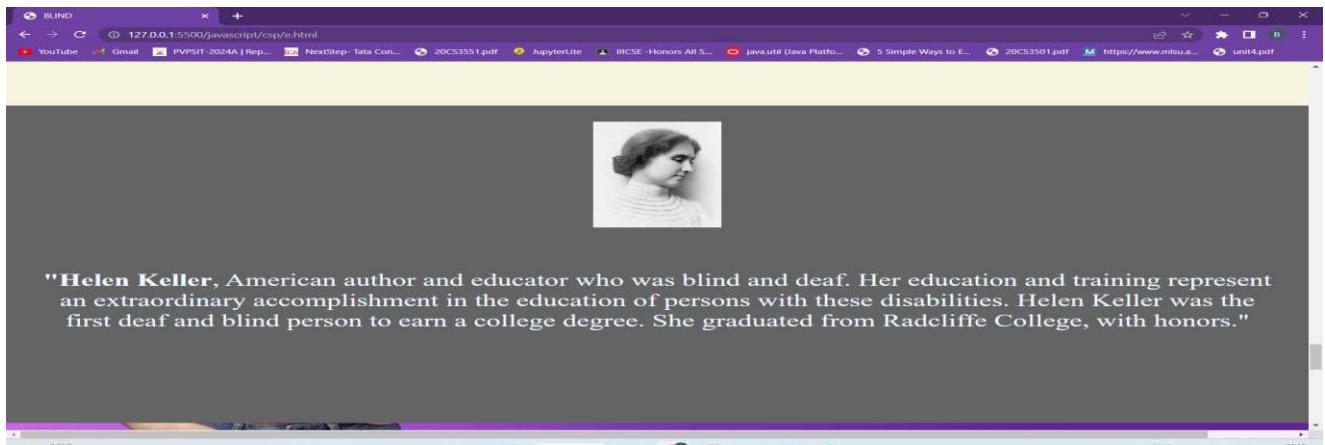
## Macular Degeneration

Macular degeneration is another one of the leading causes of vision loss, affecting an estimated 10 million people in the U.S. There are a few types of this condition, but the most common is called dry macular degeneration. This type of visual impairment is found in adults, and causes a person's central vision to deteriorate.

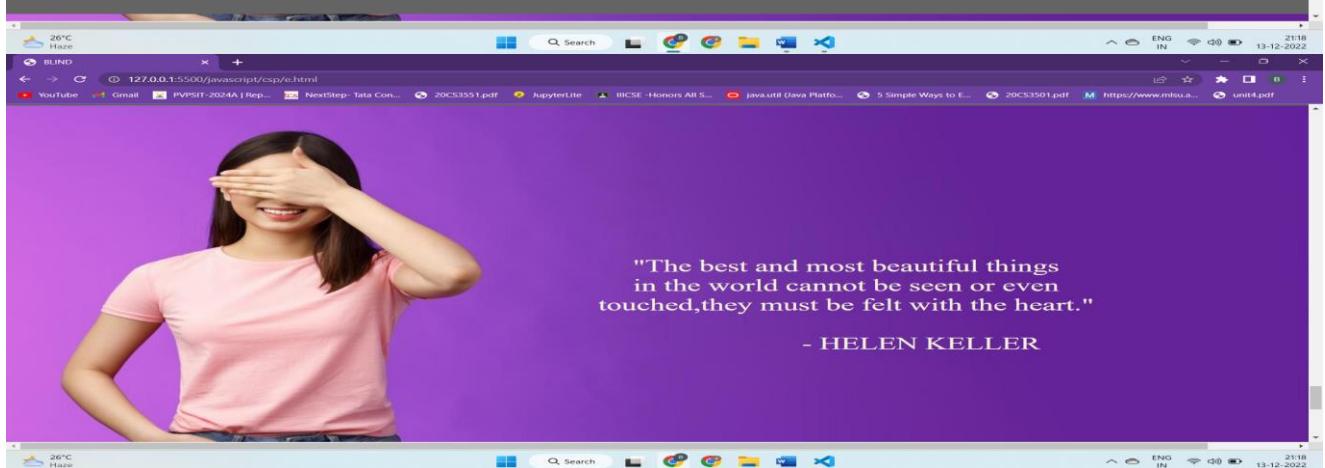
**Treatment:** There's currently no treatment for early AMD, so your eye doctor will probably just keep track of how your eyes are doing with regular eye exams. Eating healthy, getting regular exercise, and quitting smoking can also help.



**Braille** is a tactile writing system used by people who are visually impaired, including people who are blind, deafblind or who have low vision. It can be read either on embossed paper or by using refreshable braille displays that connect to computers and smartphone devices.



**"Helen Keller,** American author and educator who was blind and deaf. Her education and training represent an extraordinary accomplishment in the education of persons with these disabilities. Helen Keller was the first deaf and blind person to earn a college degree. She graduated from Radcliffe College, with honors."





A physical disability can be caused by different factors.

It may due to natural aging, a chronic illness, or an unfortunate accident.

**Phocomelia** is a condition that involves malformations of human arms and legs. Whichever the case may be, the result is a weakened functioning ability. This affects one's ability to accomplish day-to-day activities. And more often than not, it results in less independence.



A person with a disability means a person with long term physical, mental, intellectual or sensory impairment which, in interaction with barriers, hinders his full and effective participation in society equally with others. The estimated one billion people living with disabilities worldwide face many barriers to inclusion in some key aspects of society. As a result, they do not enjoy access on an equal basis as others which includes areas such as transportation and employment but also social participation like politics or entertainment.



We have to make them realize that - "**My ability is Stronger than my Disability**"

The role of a community towards the disabled individual can be easily elaborated if we emphasize on creating friendly relationships with pure intent and understanding. First of all —

the importance of forming a bond has hence permitted the individuals to collaborate and empathize with the disabled individuals which thus automatically creates a sense of worth and belonging. In contrast, a distressed disabled individual won't be able to be productive if he/she is left alone so therefore, building a connectivity bridge will lead to finding out the similarities and the differences of each and every individual within the community.





### General Solution-Online Education:

If travelling is becoming the major issue for them, then Online education programs can be especially beneficial for disabled students, as they can often take classes from home and avoid having to travel to a physical campus. Additionally, online education programs often have more resources available to disabled students than traditional educational institutions. These resources can include disability-specific software and accommodations, as well as support from disability services staff.

While online education programs can be a great option for disabled students, it is important to do research before enrolling in a program. It is important to find a program that is accessible and meets their specific needs. Many online education programs are specifically designed for disabled students, so be sure to look for these programs when researching schools.



### Challenges Faced by the disabled persons and solutions to overcome them:

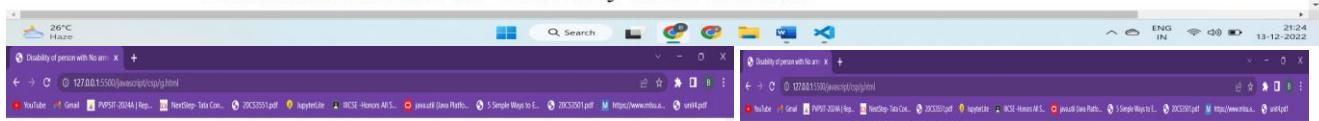
#### Education of Children:

Every student with physical impairment will know best how to support themselves. Students with physical impairment may require learning materials through specific use of assistive technologies.

Each student has unique needs and, as parents, we must understand our child's learning needs. Students need support to access and engage with learning strategies, including the

#### Solutions:

State-wise strategies on education for children with special needs need to be devised. There should be proper teacher training to address the needs of differently-abled children and facilitate their inclusion in regular schools. Further there should be more special schools and ensure educational material for differently-abled children.



#### To Make life Easier:

It is difficult for them to do their daily tasks. They have to depend on someone for their needs.

Communication aids and many other devices that can help to make life easier.



#### Solutions:

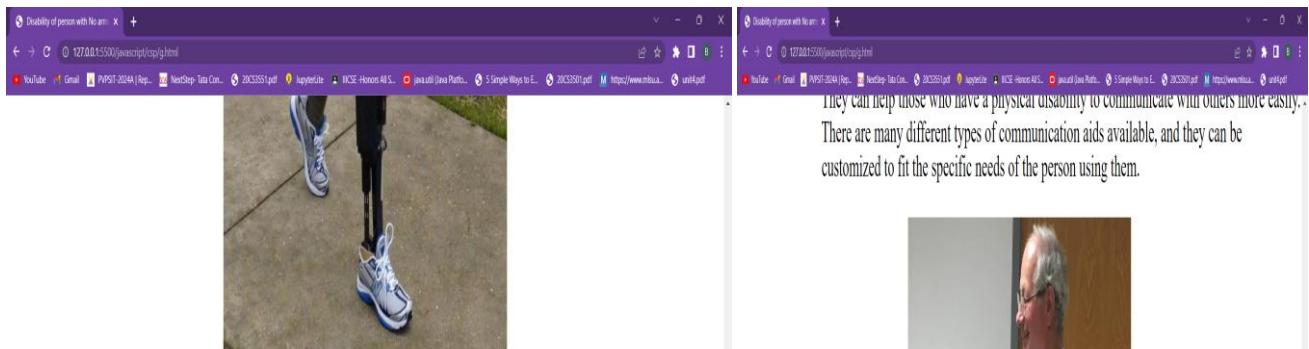
There are many different types of adaptive equipment that are available to make everyday tasks easier for those who have a physical disability. This equipment can include:

1. Wheelchairs
2. Artificial legs and arms
3. Communication aids

and many other devices that can help to make life easier.



Wheelchairs can be adapted to fit the specific needs



Wheelchairs can be adapted to fit the specific needs of the person using them, such as adding armrests, footrests, and other accessories.

Another type of adaptive equipment that is commonly used is communication aids. These devices can include anything from voice synthesizers to texting devices. They can help those who have a physical disability to communicate with others more easily. There are many different types of communication aids available, and they can be customized to fit the specific needs of the person using them.



### **Loosing self Confidence:**

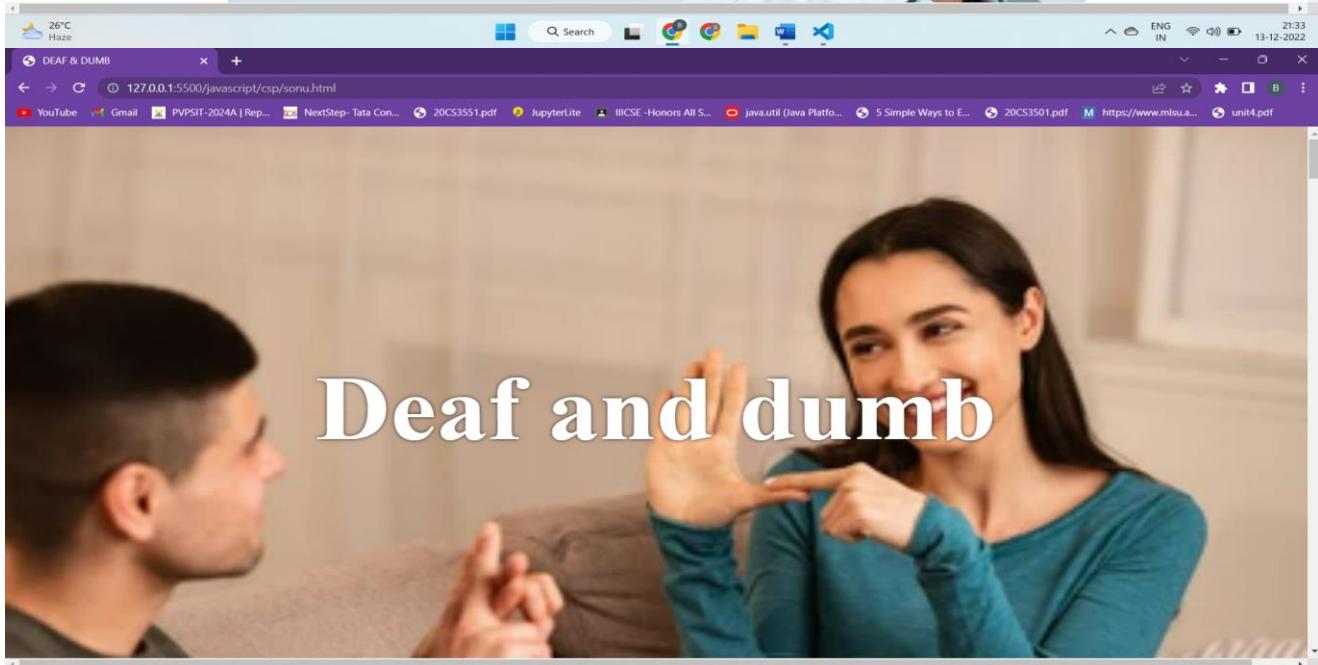
#### **Solution:**

People with disabilities need to be better integrated into society by overcoming stigma. There should be awareness campaigns to educate and aware people about different kinds of disability. **Success stories of people with disabilities** can be showcased to inculcate positive attitude among people.





For Example challenges faced by the **Nick Vujicic** who was born without arms & legs and how he overcame them.



# Deaf and dumb



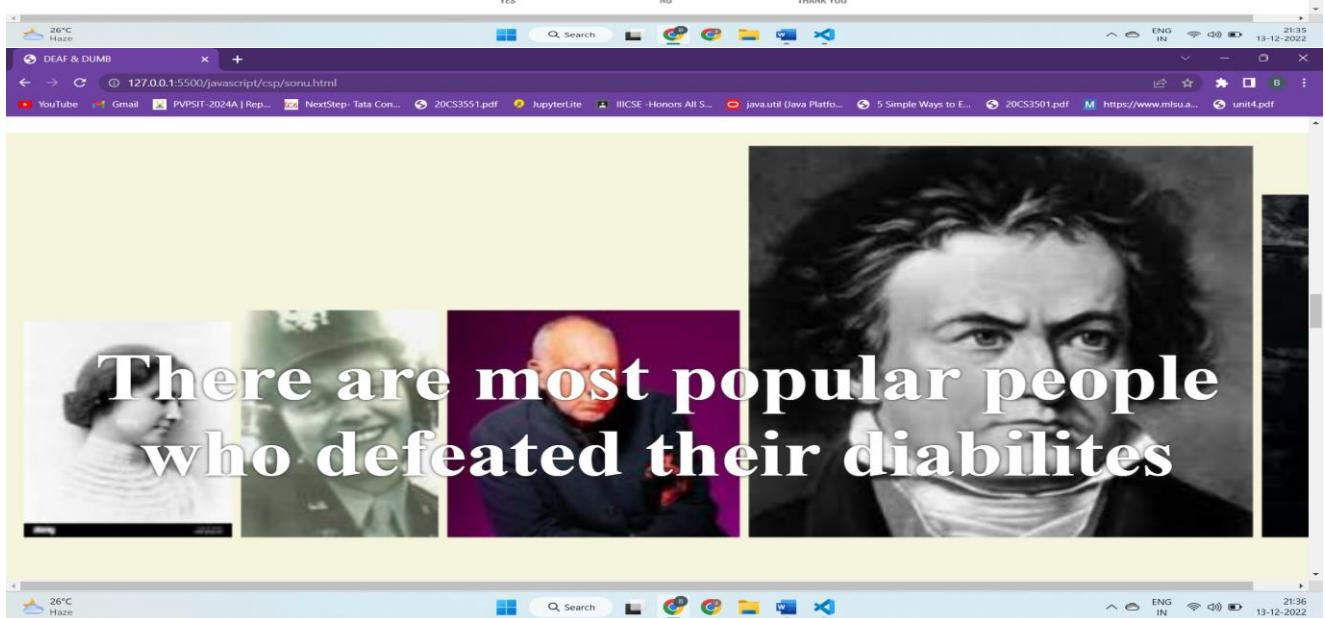
**"Deaf and dumb"**

"Deaf and dumb" (or even just "dumb", when applied to deaf people who do not speak) is an archaic term that is considered offensive. Many Deaf people do not use spoken language, thus they are technically "mute". The word "dumb" has at least an archaic meaning that means "mute". Of course the word "dumb" also has another more common meaning now that implies stupidity which certainly not applicable to Deaf people being deaf is not a mental illness; it's simply a problem with hearing, and that affects their ability to speak clearly or in some cases at all.





Given the long history of deafness, and the fact that Deaf people have been incorrectly assumed to be mentally deficient just because they do not speak, you can imagine that most Deaf people do not appreciate being the appreciated being called "Deaf and Dumb". Today, anyone using word "dumb" is such context is... as.. well.. dumb. Communication is the medium by which we can share our thoughts or convey the messages only for deaf persons. Because of this, a person who lacks in hearing and speaking ability is not able to stand in race with normal person.





helen keller  
julia brace  
pete townshend  
Ludwig van Beethoven  
Danny Elfman  
Bill Clinton



1. they can not use that voice recognition and voice search features in smartphone(s)
2. Audio results can not be retrieved.

3. They are unable to use google assistance, or Apple's SIRI etc because all those apps are based on voice controlling.  
4. Phone calls are the main problems.



- 1) Relax, and treat it like any other conversation
- 2) Learn how they prefer to communicate
- 3) Always speak face-to-face
- 4) Keep conversation ordered and coherent
- 5) Use gestures and body language
- 6) Always ask if you can improve



