



# SREEKRISHNAPURAM V.T. BHATTATHIRIPAD COLLEGE

Aided and Affiliated to University of Calicut, NAAC Accredited with B+ Grade

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## CRITERION - VII INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.2 Best Practices



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## 7.2.1 Best Practice 2 - spandanam - An initiative of social welfare and Sustainability

### *Oppam - Programmes for Empowerment of Divyangjan*

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## 1. Softwave 2023

Students of MSc Computer Science, Sreekrishnapuram V. T. Bhattathirippad college have developed games and apps for differently abled students as part of their Final year project work in association with ZENDALONA, an organization providing accessibility solutions for differently abled people. Projects were developed with aim of promoting and inculcating FOSS culture among students. These games are primarily audio based, that enhance mathematical and cognitive skills of visually challenged students.

The innovative projects conceived by the students include:

### 1. Online Braille Translator

The Online Braille Translator is a web-based tool designed for converting text into Braille, prioritizing accessibility and user-friendliness. It features an intuitive interface, making translation effortless, even for users with visual impairments. Language support is extensive, accommodating various languages and specialized Braille contractions. Users can opt for Grade 1 or Grade 2 Braille translations, catering to different proficiency levels. The tool also allows customizing line length for Braille text to enhance legibility.

### 2. Braille Translator GUI

The Braille Translator GUI is an offline application designed for text-to-Braille conversion with a strong focus on accessibility. It offers a user-friendly interface with two text views, supports Grade 1 and Grade 2 Braille translations, and allows users to customize line lengths. Robust text editing tools, including cut, copy, paste, undo, redo, find, find and replace, and go to line, are integrated for easy text manipulation.

### 3. Online Accessible Bluff

Accessible-Bluff is a web-based card game that relies on the skill of bluffing, replicating real-world gaming scenarios within the software. This game replicates real-life experiences by enabling teams to establish private rooms for both individual privacy and, if necessary, seamless collaboration among team members located remotely anywhere in the world. The admin creates a room and others can join the room.



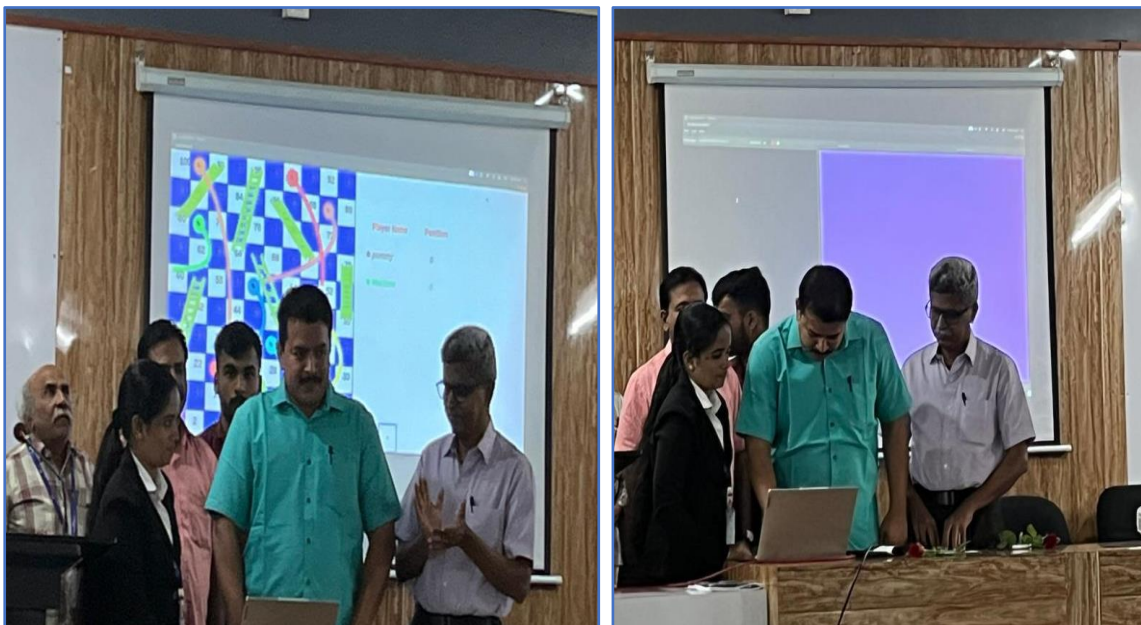
#### 4. Maths Tutor

Accessible Maths Tutor is a wonderful tool that combines the enjoyment of gaming with the essential skill of mathematics. Imagine having a friendly mentor right on your computer screen, guiding you through maths problems in a fun and interactive way. This is precisely what Maths Tutor offers – a unique and engaging learning experience. The game presents you with maths questions, each accompanied by images that help you visualise and understand the concepts better.

#### 5. Accessible Snakes and Ladders

Accessible Snakes and Ladders” is a board game application designed to deliver the timeless enjoyment of Snakes and Ladders while prioritizing accessibility for all players. Our primary emphasis is on accessibility, making sure that the excitement of board games is within reach for everyone. The game faithfully captures the essence of the classic game. Roll the dice, ascend ladders, and strategize to avoid the treacherous snakes. It offers two engaging modes, normal mode with automatic token movement and education mode which requires mathematical challenges.

These are launched by Advocate. Premkumar, MLA, Ottapalam, Legislative Assembly



## 2. Welfare programmes in association with nearby institutions of Divyangjan

### 1. Buds School - Sreekrishnapuram

There is a Buds School in our locality for Differently Aabled children. We have conducted Cultural Activities for that children. This school has 34 children. We arranged a **Butterfly Park** in the Buds school that helps to enhance their mental health. We make a documentary and medical camp in association with Kadambazhippuram Govt. Hospital. During the COVID period also we have visited the children's home and give them sufficient support.



Donating dresses to a differently abled person



Giving Vishu Kaineettam to Buds School Children





Binna Sheshi Souhruda Sangamam



Donating mobile phone to Appu

### 3. Working Council for The Visually Handicapped – Kadambazhipuram

The student volunteers of our college help the members of WCVC by helping them by making market for their products like agarbathi, phenolin, soap etc.

02/10/2018 Gandhi Jayanthi

Our volunteers engaged in the cleaning of Working council for the visually handicapped at Kadampazhippuram.



Volunteers cleaning the working council for Visually handicapped



#### 4. Support to Blind Society, Katambazhipuram

The National Service Scheme (NSS) organized a significant book sale event, showcasing books crafted by individuals from the Blind Society. The primary objective of this initiative was to empower and support the visually impaired community by providing them with a platform to create and sell their notebooks.



Volunteers collecting books

#### 5. Hellen Keller Institute of Blind - Thottara

VTB College Chitrashala Movies Club and Helen Keller Centenary Memorial School for the Blind jointly produced the logo release of the documentary 'Vasantham Pookumidam'



Launching of documentary





**6. NSS seven-day Special Camp at Hellen Keller Institute for Blind, Thottara**

Our NSS seven-day camp of 2022-23 was conducted at Hellen Keller Institute

**7. Donation to Hellen Keller Institute for Blind, Thottara**

Staff club of our college donated an amount as part of our new year celebration in the year 2023.



  
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