











# Government Polytechnic College, Vanavasi - Frontend

Welcome to the official **Frontend Web Application** for **Government Polytechnic College, Vanavasi (GPTV)**. This platform offers an informative, secure, and interactive digital experience for students, faculty, and visitors.

 Developed using **React.js** and **Tailwind CSS** to deliver a modern, responsive, and high-performance user interface.



## Key Features

-  Fully responsive across all screen sizes
-  Modern UI with clean, elegant design
-  Anti-Ragging Complaint Portal with anonymous submission and email notification support
-  Easy access to essential college information
-  Secure form handling using backend API integration
-  Toast notifications for better user feedback
-  Smooth animations powered by AOS (Animate on Scroll)



## Tech Stack

Technology	Usage
React.js	Frontend UI Development
Tailwind CSS	Styling and layout
React Router DOM	Page routing
Axios	API requests and integration
React Toastify	Alerts and notifications
AOS	Scroll animations
React Redux	State management for global data flow
EmailJS / Nodemailer	Email delivery (in backend)



## Getting Started



### Prerequisites

Make sure you have the following installed:

- **Node.js** (v16+ recommended)
- **npm** or **yarn**
- Backend API (running separately)

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## Installation & Setup

```
# Clone the repository
git clone https://github.com/IT-HARISH-R/GPTV-frontend.git

# Navigate into the project folder
cd GPTV-frontend

# Install dependencies
npm install

# Start the development server
npm run dev
```

## Folder Structure

```
GPTV-frontend/
├── public/           # Static files and index.html
├── src/
│   ├── assets/      # Images, icons, other media
│   ├── components/  # Reusable UI components (Navbar, Footer, etc.)
│   ├── pages/       # Page-level components (Home, About, Complaint, etc.)
│   ├── store/       # API service handlers
│   ├── App.jsx      # Root component
│   └── main.jsx      # App entry point
├── .env             # Environment variables
├── package.json     # Project dependencies and scripts
└── README.md        # Project documentation
```

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## Developer

### Harish R

Frontend Developer | MERN Stack Enthusiast

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🌐 Portfolio: <https://it-harish.netlify.app>

🐙 GitHub: [IT-HARISH-R](https://github.com/IT-HARISH-R)

📍 Location: Mettur, Salem District, Tamil Nadu

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## Contributions

This is a solo project built for learning and academic contribution.  
Feel free to **fork**, **star** ☆, and **suggest improvements** through issues or pull requests!

## 📷 Screenshots (Optional)

Add screenshots by placing them in `/public/screenshots` and linking here:

Make sure the images are available in the specified path before pushing to GitHub.

## 🏠 Home Page



## 📝 Complaint Form

The screenshot shows the "Anti-Ragging Policy" page of the Government Polytechnic College Vanavasi Salem website. The header and navigation bar are the same as the home page. The main content area has a dark background with a white box containing the "Anti-Ragging Policy" text. Below the policy text is a "File a Complaint" section with a form. The form includes fields for Name, Department (a dropdown menu), and Incident Details. There is a checkbox for "Submit anonymously" and a red "Submit Complaint" button. At the bottom of the form, there is contact information for the Anti-Ragging Committee: Helpline: [Provide Helpline] | Email: [Provide Email].