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🔗 Science & Innovation Club — GEC Palamu

Where curiosity becomes creation

React 19.2.0 (<https://reactjs.org/>)

TypeScript 5.9.3 (<https://www.typescriptlang.org/>)

Vite 7.2.4 (<https://vitejs.dev/>)

Tailwind CSS 4.1.18 (<https://tailwindcss.com/>)

Framer Motion 12.29.0 (<https://www.framer.com/motion/>)

A modern, high-performance web platform built for the
Science & Innovation Club, Government Engineering College Palamu

[🌐 Live Website \(<https://sic-gecp.vercel.app>\)](#) • [🐞 Report Issues \(<https://github.com/xrounak/SIC-GECP/issues>\)](#) • [💡 Request Features \(<https://github.com/xrounak/SIC-GECP/issues>\)](#)

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❖ What Makes This Special

🌐 Immersive Intro Experiences (8 Themes)

Every visit feels different. Choose from **eight handcrafted visual identities**:

- ▢ **Cyberpunk Tech** — Matrix-style rain, glitch aesthetics
- ▢ **Brutalism** — Raw layouts, bold motion, industrial feel
- ▢ **AMOLED Dark** — True blacks with neon highlights
- ▢ **Neumorphism** — Soft shadows and tactile depth
- ▢ **Claymorphism** — Playful, rounded, colorful surfaces
- ▢ **Glassmorphism** — Frosted glass, elegant blurs
- ▢ **Minimalism** — Clean typography, distraction-free
- ▢ **Default** — Professional gradients for all audiences

Your selected theme is remembered automatically across sessions.

🔥 Core Capabilities

📅 Events & Workshops

Browse, explore, and register for club events effortlessly.

👥 Team & Leadership Showcase

Highlighting members, coordinators, and contributors.

🖼 Dynamic Media Gallery

A living archive of innovation, workshops, and moments.

📝 Join the Club

Smooth onboarding with structured membership applications.

🔐 Admin Dashboard

Secure, role-based content management for club admins.

⚡ Built for Performance & Scale

- ▢ **Ultra-fast builds** with Vite
- ▢ **Pixel-perfect responsiveness** on all devices
- ▢ **Accessibility-first** semantic HTML (WCAG compliant)
- ▢ **Fluid, meaningful animations** via Framer Motion
- ▢ **Secure authentication & RLS** with Supabase
- ▢ **SEO-ready** with React 19 native head management

❖ Technology Stack

Frontend

```
React 19.2      - Modern React with native head APIs
TypeScript 5.9   - End-to-end type safety
Vite 7.2        - Lightning-fast bundler
Tailwind CSS 4.1 - Utility-first styling system
Framer Motion    - Smooth, production-grade animations
React Router 7   - Declarative routing
Lucide React     - Clean, consistent icons
```

Backend & Infrastructure

```
Supabase       - Database, Auth & Storage
Vercel         - Global deployment & hosting
Telegram Bot API - Real-time admin notifications
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🚀 Getting Started

Requirements

- Node.js 18+
- npm
- Supabase account
- (Optional) Telegram Bot token

Setup

```
git clone https://github.com/xrounak/SIC-GECP.git
cd SIC-GECP
npm install
```

Create a .env file:

```
VITE_SUPABASE_URL=your_supabase_url
VITE_SUPABASE_ANON_KEY=your_supabase_anon_key
VITE_TELEGRAM_BOT_TOKEN=your_bot_token
VITE_TELEGRAM_CHAT_ID=your_chat_id
```

Run locally:

```
npm run dev
```

Build for production:

```
npm run build
```

📁 Project Architecture

```
src/
  ├── components/          # Reusable UI blocks
  |   ├── Intro*.tsx       # 8 themed intro animations
  |   ├── ThemeSwitcher.tsx
  |   └── Cards & layouts
  ├── pages/               # Route-level pages
  ├── context/              # Global state providers
  ├── services/             # Supabase & external APIs
  ├── utils/                # Helper utilities
  ├── types/                # TypeScript definitions
  └── App.tsx / main.tsx
```

🗄️ Database Design

Tables

- events
- members
- gallery
- join_applications
- event_registrations

All secured using **Row Level Security (RLS)** policies.

🤝 Contributing

We love community contributions ❤️

1. Fork the repo
2. Create a branch (feature/your-feature)
3. Commit clean, meaningful changes
4. Open a Pull Request

💻 Team

Lead Developer

👉 [Rounak Kumar \(https://github.com/xrounak\)](https://github.com/xrounak)

Built with passion by the Science & Innovation Club Team

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★ If this inspires you, consider starring the repo!

 0 (<https://github.com/xrounak/SIC-GECP/stargazers>)

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📞 Reach Us

-  <https://sic-gecp.vercel.app>
 -  sic@gecpalamu.ac.in
 -  <https://t.me/sicgecp>
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Innovate. Build. Deploy.

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