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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	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 \(https://sic-gecp.vercel.app\)](https://sic-gecp.vercel.app) • [🐛 Report Issues \(https://github.com/xrounak/SIC-GECP/issues\)](https://github.com/xrounak/SIC-GECP/issues) • [🔔 Request Features \(https://github.com/xrounak/SIC-GECP/issues\)](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

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 \(https://github.com/xrounak/SIC-GECP/stargazers\)](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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