

PROJECT PORTAL

Team Details:

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ABOUT

Objective:

To provide a centralized, interactive platform showcasing all Centers of Excellence (CoEs) and Research Centers (RCs) along with their ongoing and completed projects, enabling students and researchers to explore, contribute, and collaborate effectively.

Purpose:

Enable students and researchers to explore projects by different centers.
Allow users to contribute ideas or collaborate on ongoing projects through an interactive system.

Key Features

01

Comprehensive Center Listings

- Displays all Centers of Excellence(CoEs) and Research Centers (RCs).
- Provides a quick overview of all research activities.
- Helps users easily identify active and top-performing centers.

02

Project Details & Management

- Each CoE/RC has a dedicated page for projects.
- Lists ongoing projects with options to contribute.

03

Interactive Contribution System

- Encourages collaboration among students, faculty, and researchers.
- Tracks contributions for recognition and feedback.
- Promotes active participation in ongoing projects.

Concepts Covered

Components & JSX

Reusable ProjectCard & CenterCard to display projects and centers dynamically.

React Router

Multi-page navigation:
Home → CoE List → Project Details → Contribution Form.

Hooks (useState, useEffect)

Managed dynamic state & fetched project data.

Props & State

Passed project details to cards; managed selected project for contributions.

Home Page



GNITS Projects Portal

Home Centers of Excellence Research Centers

CENTERS OF EXCELLENCE & RESEARCH CENTERS

Explore innovation, collaboration, and impactful research under our Centers of Excellence (CoEs) and Research Centers (RCs).

[Explore Research Centers](#)

[Explore Centers of Excellence](#)

CoE / RC List Page

GNITS Projects Portal

[Home](#) [Centers of Excellence](#) [Research Centers](#)

Centers of Excellence



IoT enabled CoE

Agency: AICTE & M/s Smart Bridge



CoE for Advanced Research in AI

Agency: AICTE Sponsored



CoE for Deep Learning in Eye Diseases Prognosis

Agency: DST & L V Prasad Eye Hospital



AR-VR CoE

Agency: Cymax Infotainment Pvt Ltd

Project Details Page

GNITS Projects Portal

Home Centers of Excellence Research Centers

Center for Data Analytics

Search projects... All Ongoing Completed

AI-Powered Retail Demand Forecasting	Completed ▼
Customer Segmentation for Targeted Marketing	Contribute ▼
AI-Driven Fraud Detection in Financial Transactions	Contribute ▼
Social Media Sentiment Analysis for Brand Monitoring	Contribute ▼
Synthetic Data Generation for Diabetes	Completed ▼
Predicting Customer Churn in Telecom Industry	Completed ▼
AI for Healthcare Predictive Analytics	Completed ▼

Contribution Form

Center for Data Analytics

Search projects...

AI-Powered Retail Demand Forecasting

Completed ▼

Customer Segmentation for Targeted Marketing

Contribute ▼

AI-Driven Fraud Detection in Financial Transactions

Contribute ▼

Social Media Sentiment Analysis for Brand Monitoring

Contribute ▼

Synthetic Data Generation for Diabetes

Completed ▼

Predicting Customer Churn in Telecom Industry

Completed ▼

AI for Healthcare Predictive Analytics

Completed ▼

Contribute to "Customer Segmentation for Targeted Marketing"

Your Name

Your Email

Message or details about your contribution

Send Request

Learning Outcomes

- Learned React.js fundamentals and component-based architecture
- Understood React Router for multi-page navigation
- Gained experience with state management using Hooks
- Learned to create interactive and responsive UI/UX
- Gained experience in GitHub version control and project deployment

Thank You