

# NIT ANP Website Club Portal

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## I. AIM

**T**HE aim of the project is to create a user-friendly club portal in NIT Andhra website to enhance the connection between the clubs and the students of NIT Andhra. This will facilitate the clubs to update their information directly through the website rather than any other sources.

## II. EXISTING PROJECT

NIT Andhra Pradesh Website(nitandhra.ac.in) is the college website for the students and interested people to access information about the current affairs of the college. It contains student portal and faculty portal that facilitates the academic aspects of the college but the clubs section does not have a dedicated portal which is also an important aspect of a college experience. The current information is outdated and also the events conducted are not updated in the website regularly. Due to this reason the traffic of the website is very less even among the students of NIT Andhra.

## III. MOTIVATION

The implementation of a dedicated club portal at NIT Andhra Pradesh brings forth numerous advantages for both the college administration and the student body. It facilitates better understanding and analysis of the club landscape, aiding administrators in making informed decisions regarding resource allocation and support. Additionally, the portal enhances the college's online presence by showcasing the vibrant extracurricular life on campus, contributing to a positive institutional image.

It fosters a sense of community by providing an interactive space for collaboration and engagement, thereby enhancing the overall student experience. The portal's streamlined event registration process also benefits students, saving time and reducing potential logistical challenges associated with manual registration methods. Overall, the club portal serves as a catalyst for efficient communication, robust collaboration, and an enriched campus experience for both the college and its students.

## IV. CHALLENGES

The absence of a dedicated club portal on the current NIT Andhra Pradesh website poses significant disadvantages, including limited visibility for individual clubs, inefficient communication of events to the student body, reliance on manual methods for information updates leading to potential errors and outdated content, challenges in event management without a centralized platform, a lack of consolidated data on club activities for administrators, missed opportunities for student engagement and collaboration, and the potential for fragmented information across various channels.

Without a centralized hub for disseminating information, clubs face challenges in reaching their target audience effectively. This lack of visibility can lead to diminished enthusiasm among club members, as the effort invested in event planning may not yield the desired attendance or participation. Without a centralized platform for showcasing club activities, the administration may struggle to effectively highlight the diverse and vibrant extracurricular landscape at NIT Andhra Pradesh. This lack of exposure can hinder the attraction of potential administrators who might be unaware of the range of opportunities available.

## V. PROPOSED IDEA

The proposed project seeks to address these issues by establishing a user-friendly club portal that streamlines communication, enhances visibility, and provides a centralized hub for efficient club management and event coordination. This will make students' accessibility for the clubs way easier and simpler and also interest the external users so they can know how about different aspects of the colleges other than academics.

We would allow access to the club members through their respective club email-address to a interface to edit their changes in different aspects of the information about their clubs. These changes would display to the external user as the main page of their respective clubs. We have considered many different aspects such as member details, event details (pre and post event), their objectives and vision, etc.

We would display the notification of upcoming events on the main page so they can check the respective club pages for further information. The post event images and details will also be displayed in the main page as it already has a dedicated section of the page for it.

### A. *Technology Used*

- React
- MongoDB
- Node
- Express