

Gymkhana Website

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Map feature

- Visitors can use the given map to locate the events being held through the gymkhana.
- This is especially useful for non-IIT BHU participants, due to the sheer size of the campus.



Register contact details for visitors

- Even unregistered users can fill out a form to leave their contact details so that they may be contacted later by an admin.



Database Management

- We hold all the events and achievements in a database. We update the relevant pages with these.
- This removes the need to update all the pages individually whenever a new event or achievement is to be added.

Registration and Verification

- Users can register on the site by providing a valid email id, username and password.
- Furthermore, a verification link is mailed to the user's email id to prevent spam registrations.

User myEvents

- Each registered user can choose his/her own events with the given form.
- The user can also create his/her own events with the form.



Urgent tag

- On the myEvents page, the user can see which of his events are due on that day through an “Urgent” tag appended to the concerned events.

Chat program using WebSockets

- Registered users can access a chat functionality to chat with other users.
- The WebSockets implementation allows users to converse online with other users.

Chat rooms

- The chat function also has a chat rooms feature.
- Users can choose and create chat rooms to chat in.
- These allow for subject- and group-oriented conversations.



Mail to admins

- Registered users can access an e-mail feature.
- Through this, they can contact specific admins based on the subject of their mail.
- They can also mail any other person by specifying the email-id.

Security

- The website is secured against basic forms of Cross-site scripting, Cross-site request forgery, SQL injection, session management using encrypted cookies.
- Cookies are also handled separately for AJAX requests which does not accept the cookies passed by Django.

Thank You

