RBAC Permission Matrix

Module	Action	Student	Teacher	Admin	Alumni
Community	Join/Leave Communities	Yes	Yes	Yes	Yes
Community	Create Posts/Comments	Yes	Yes	Yes	Yes
Community	Moderate Posts	No	Yes	Yes	No
Community	Create/Delete Communities	No	No	Yes	No
Community	Manage Memberships	No	No	Yes	No
Profiles	Update Own Profile	Yes	Yes	Yes	Yes
Profiles	Edit Others' Profiles	No	No	Yes	No
Dashboard	View Personal Dashboard	Yes	Yes	Yes	Yes
Dashboard	View System Analytics	No	No	Yes	No
Announcements	View Announcements	Yes	Yes	Yes	Yes
Announcements	Create Announcements	No	Yes	Yes	No
Announcements	Manage Announcements	No	No	Yes	No

1. Community Section

Students

Yes - Join/leave communities
Yes - Create posts & comment
No - Cannot delete others' posts

Teachers

Yes - Join/leave communities
Yes - Create & moderate posts (approve, remove inappropriate)
Yes - Pin important posts

Admins

Yes - Full control: create/delete communities
Yes - Manage membership (add/remove users)
Yes - Approve/ban users

Alumni

Yes - Join communities
Yes - Post & comment
No - Cannot moderate or manage communities

2. Profiles

Students

Yes - Create/update personal profile (skills, interests, photo)
No - Cannot edit others' profiles

Teachers

Yes - Create/update profile (add teaching areas, research work)
No - Cannot edit others' profiles

Admins

Yes - View all profiles
Yes - Edit/lock/unlock profiles if needed (policy enforcement)

Alumni

Yes - Create/update professional profile (work experience, networking info)
No - Cannot edit others' profiles

3. Dashboard

Students

Yes - View personal dashboard: joined communities, announcements, posts
No - Cannot see admin-only analytics

Teachers

Yes - View/manage dashboard: own activities + students' community engagement
No - Cannot see full system analytics

Admins

Yes - Full dashboard access: system-wide analytics, user management stats

Alumni

Yes - Personal dashboard: joined communities, announcements, networking options

4. Announcements

Students

Yes - View announcements (community & global)
No - Cannot create announcements

Teachers

Yes - Create announcements (in communities they moderate or globally if permitted)
Yes - Edit/delete their own announcements

Admins

Yes - Full announcement control: create, edit, delete, and assign permissions

Alumni

Yes - View announcements only