

The diagram is an Entity-Relationship (ER) model for a Faculty Leave Portal. It includes the following components:

- Entities and Attributes:**
 - FACULTY** (Entity): Attributes include email, Department, and Date of joining.
 - Archived Faculty** (Entity): Attribute is Retirement Date.
 - Current Faculty** (Entity): Attributes include post, leaves left, and leaves borrowed.
 - Cross Cutting Faculty** (Entity): No attributes shown.
 - Leave** (Entity): Attributes include leave_id, Appli. Date, Period Start Date, Period End Date, Status, and Currently Pending With.
 - Archived Leave** (Entity): Attributes include leave_id, pending with, status, Appli. Date, Period Start Date, and Period End Date.
 - Comments** (Entity): Attributes include comment id, Date, Text, and Writer's post.
 - Archived Comments** (Entity): Attributes include comment id, Date, Writer's post, and text.
 - Post** (Entity): Attributes include Name, max leaves, receiver post, and Successor Post.
- Relationships:**
 - is a** (Generalization):
 - FACULTY is a generalization of Archived Faculty and Current Faculty.
 - Current Faculty is a generalization of Cross Cutting Faculty.
 - Applied** (Relationship): Connects FACULTY and Archived Leave.
 - Has** (Relationship):
 - Connects Archived Faculty and Archived Leave.
 - Connects Current Faculty and Leave.
 - Connects Current Faculty and Post.
 - Applies & comments on** (Relationship): Connects Cross Cutting Faculty and Leave.
 - takes action & comments on** (Relationship): Connects Cross Cutting Faculty and Leave.
 - are on** (Relationship): Connects Comments and Leave.
 - Application ends at** (Relationship): Connects Applicant Post and Terminal Post to Post.
 - forwards to** (Relationship): Connects App. received by and App. forwarded to to Post.

