Web Track — One-Page Instructions

Vibe Coding @ BMIET • UG

What you'll make (abstract)

Build a small, single-page website around a simple campus theme. Focus on clarity first, then add small interactions.

Choose ONE problem

- **Option A — Campus Hub:** clubs/events/labs/library highlights for students.
- **Option B — Library Search Lite (alternate):** a tiny book browser with search + bookmarks (stored in `localStorage`).

Starter pack you'll receive

- `index.html` (skeleton), `style.css`, `script.js`
- Sample data: `events.json` (or `books.json` if you pick Option B)
- README with acceptance checks

You may replace styles or structure, but keep it single-page and plain HTML/CSS/JS (no frameworks).

Download starter packs

⬇ Option A — Campus Hub (ZIP)   ⬇ Option B — Library Search Lite (ZIP)

Each ZIP includes `index.html`, `style.css`, `script.js`, sample data (`events.json` or `books.json`), and `README.md`.

Base task (finish this first)

1. **Design a clear layout:** header, content area, and a short action flow (e.g., "Find a club → View details" or "Search books → Bookmark").
2. **Implement two small interactions** (pick any two that fit your option):
   - Navigation toggle (small screens).
   - Filter or search in the list (events/clubs or books).
   - FAQ expand/collapse or "details" drawer for an item.
   - *Option B only:* "Bookmark"/"Unbookmark" a book using `localStorage`.
3. **Make it responsive:** phone & laptop. Use semantic HTML and sensible headings.

Bonus (if time allows)

- Dark mode toggle with preference saved (`localStorage`).
- Simple "stats" line (e.g., total items after filtering or total bookmarks).
- Keyboard-friendly skip link to main content.

Acceptance checklist

✓ Page loads without errors; layout readable on 360px–1440px widths.

✓ Keyboard navigation: focus visible; toggles/links reachable with Tab.

✓ Two interactions work predictably (toggle/filter/FAQ/bookmark) with no console errors.

✓ Data renders from `events.json` or `books.json` (or a small inline dataset of ~10 items).

✓ Basic accessibility: alt for images; labels or `aria-controls` for toggles; form controls have associated labels.

Submission format

Zip your project folder and name it `WEB_Dept-Year_Name[_Teammate].zip`. Submit by **Last Date and Time**.

Judging focus

- **Functionality** — does it work as described?
- **Code/Structure** — tidy HTML/CSS/JS, clear flow.
- **Design** — readable, consistent, helpful interactions.
- **Presentation** — 2-minute demo: problem → solution → quick tour.

Rules & disclosures

- Build during the event; credit any template or asset you use.
- AI help allowed with a note of prompts/tools in a `NOTES.txt`.

Venue: BMIET Auditorium & Labs, Sonepat • Queries: events@bmiet.in