



उपभोक्ता मामले विभाग  
DEPARTMENT OF  
**CONSUMER AFFAIRS**



# PSG COLLEGE OF TECHNOLOGY

(Autonomous)

Jointly with  
**Indian Institute of Technology (BHU), Varanasi**  
Organizes

## Dark Patterns Buster Hackathon (DPBH 2023)

The problem statement: Design and prototype innovative app or software-based solutions that can detect the use, type, and scale of dark patterns on e-commerce platforms

**Problem Statement Link:** <https://dpbh2023.in/problem-statement.html>

### Desirable functionality/features to deliver:

#### Detect & Flag:

- False Urgency
- Basket sneaking
- Confirm shaming
- Forced action
- Subscription trap
- Interface interference
- Bait and switch
- Drip pricing
- Nagging
- Disguised advertisement

#### Desirable Technologies and features:

- Generative AI and LLM for detection of Dark patterns
- Central or Distributed Repository Management
- Patterns Detection Accuracy
- Data Transparency Compliance
- Data Collection with Privacy Protection
- Cross-Browser Compatibility
- Pattern Versioning
- Crowd sourced Pattern Identification
- Performance Optimization
- Friendly Extensions, Plugins, Mobile apps etc

### Important Dates:

**Round 1:** Team Registration Last Date Dec. 31, 2023

**Round 2:** Internal Hackathon at PSGCT Jan. 21-31, 2024

**Round 3:** Grand Finale at IIT (BHU), Varanasi Feb. 17, 2024

(Latest update on Important Dates: <https://dpbh2023.in/index.html>)

(Find more at: <https://doqa.gov.in/DarkPatternsBusterHackathon/>)



[CLICK HERE TO REGISTER!](#)

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