# UDAAN –Annual Intra college Career fest

## UDAAN-Soaring into Your Future

UDAAN is a one-week intra-college career fest designed to ignite students’ professional aspirations with #7 masterclasses/workshops touching all domains, cutting‑edge technology panel discussions, competitive events, personalized career guidance and much more—fostering peer networking and industry connections for students at any stage of their journey.

## Why We Need It?

While our institute already hosts an inter-college tech fest, a **dedicated intra-college career fest** like UDAAN serves a fundamentally different and complementary purpose:

### 1. **Student- Centric Career Development**

Tech fests often focus on innovation, coding, and competitions across institutions. UDAAN is designed **exclusively for our students’ career advancement**, combining soft skill training, industry exploration, and personal guidance which are usually missing in tech fests.

### 2. **Career Mentorship Beyond Competitions**

UDAAN offers career clinics, resume reviews, and masterclasses that go **beyond competitions**, targeting students’ career clarity, placement preparation, and profile building.

### 3. **Peer & Alumni Mentorship**

A fest dedicated to careers makes room for meaningful interaction with **alumni, recruiters, and industry mentors**—not possible in crowded inter-college settings.

### 4. **Bridging the Semester Gap**

Our annual inter-college tech fest is held in the even semester. **There is currently no major tech or career event in the odd semester**. UDAAN fills that crucial gap, ensuring year-round student engagement.

### 5. **Empowering Freshers Early On**

Freshers join in the odd semester and often lack exposure to career and tech ecosystems. UDAAN provides them early access to **guidance, role models, and communities**, helping them plan their journeys from the start.

### 6. **FROST Replacement with Broader Scope**

Earlier, we hosted FROST (Free & Open Source Software Training), but it was limited in scope. UDAAN **broadens that vision** by covering tech, finance, communication, design, and beyond—through hands-on masterclasses and exposure.

### 7. **Combined with Open House for Maximum Impact**

We are also **clubbing the annual Open House with UDAAN**, streamlining logistics and increasing student participation. This integration helps build continuity between innovation, academic exposure, and career focus.

### 8. **Inspired by Reputed Institutes**

Several leading institutions already host intra-college career fests:

* [**Pravritti Career Fest** – IIT Delhi](https://biosoc.iitd.ac.in/pravritti2023)
* [TechSoc – IIT Madras](https://www.instagram.com/techsoc_iitm/?hl=en)
* [Career cell – IIT Bombay](https://www.instagram.com/careercell_iitb/?hl=en)
* [Career carnival- BITS](https://scanfactor.com/events/t81t9qqmv2z5/attendees)

These initiatives show the **value of focused, campus-level career initiatives** even in top-tier colleges. Hosting UDAAN helps IIITDM Kancheepuram **build student confidence, visibility, and preparedness** for their next steps.

* **Skill Gaps:** Equip students with practical, in-demand skills beyond regular curriculum.
* **Career Clarity:** Provide exposure to diverse career paths and emerging industries.
* **Networking:** Foster connections among peers, alumni, faculty, and industry experts.
* **Guidance:** Offer tailored advice through one-on-one clinics and panel discussions.

## What’s in UDAAN?

* **7 Masterclasses & Workshops** (3 hrs each)
* **Competitive Events**: Hackathon & Case Competition
* **Expert Sessions**: Speaker talks, panel discussions & global forum
* **Personalized Guidance**: Alumni-led resume reviews & 1V1 career counselling
* **Exhibitions & Visits**: Innovation Expo and Open House

## Details of Each Event

### 3‑Hour Masterclasses / Workshops

1. **Masterclass #1: AI & ML – Hands-on Model Building**
   * Intro to AI/ML, types of learning, key algorithms
   * Dataset loading and preprocessing using Python (pandas, scikit-learn)
   * Build and train a basic ML classifier (e.g., digit recognizer)
   * Evaluate model accuracy and tune parameters hands-on
2. **Masterclass #2: Quantitative Finance & Algo Trading**
   * Basics of trading strategies: momentum, mean-reversion
   * Intro to Python finance tools and back-testing environment
   * Code & run a moving average crossover strategy
   * Analyze Sharpe ratio, drawdowns, and improve logic
3. **Masterclass #3: VLSI SOC Design with Verilog HDL**
   * SoC architecture and Verilog coding fundamentals
   * Write & simulate modules like ALU or counters in ModelSim
   * Understand synthesis flow and basic timing analysis
   * Hands-on coding of a simple system block
4. **Masterclass #4: Generative AI & LLM Prompt Tuning**
   * Basics of LLMs, tokenization, and generative capabilities
   * Craft effective prompts (few-shot, CoT, etc.)
   * Build a simple Q&A or productivity agent
   * Students fine-tune prompts and test outputs live
5. **Masterclass #5: Blockchain & Web3 App Development**
   * Understand blockchain, smart contracts, Ethereum basics
   * Write a simple smart contract (e.g., token/voting)
   * Deploy and interact with contract using Web3.js
   * Build a simple front-end to trigger smart contract events
6. **Masterclass #6: 3D Modeling & CAD/CAM**
   * Intro to SolidWorks/Onshape: sketching, extrusion
   * Demo: create a mechanical part with constraints
   * Students design and assemble basic components
   * Export for 3D printing or CNC via CAM preview
7. **Masterclass #7: Business Communication & Public Speaking**
   * Learn structure & tone of professional communication
   * Train in posture, eye contact, voice modulation
   * Practice elevator pitches and storytelling formats
   * Peer feedback and re-delivery to improve confidence

### Other Events

* **Competitive Programming Hackathon**: 4‑hour team coding challenge
* **Case Competition**: Solve real-world business problems in teams
* **Speaker Session: MBA/UPSC/GATE Unlocked**: Tips to excel in these exams
* **Global Careers Forum**: Live Q&A with international recruiters & study‑abroad advisors
* **Alumni‑Led Resume Reviews & Interview Strategies**: Group discussions (GDs) and mock interviews
* **One‑on‑One Career Guidance Clinics**: Bookable slots with counselors
* **Innovation Expo**: Poster presentations (research scholars)– MaDeiT & IPD club showcases
* **Open-House**: Technical Clubs & I2R lab visits
* **Panel Discussion**: Cross-domain professionals answer student questions

## Tentative Schedule

| Day | Time | Event |
| --- | --- | --- |
| Mon | 8:00–9:00 PM | Opening Keynote |
|  | 9:00–11:00 PM | Masterclass #7: Business Communication |
| Tue | 8:00–11:00 PM | Masterclass #1: AI & ML |
| Wed | 8:00–11:00 PM | Masterclass #2: Quant Finance & Trading |
| Thu | 8:00–11:00 PM | Masterclass #3: VLSI SOC Design |
| Fri | 8:00–11:00 PM | Masterclass #4: Generative AI & Prompt Tuning |
| Sat | Full Day | Innovation Expo and Open House |
|  | 10:00 AM–1:00 PM | Masterclass #6: 3D Modeling & CAD/CAM |
|  | 3:00–5:00 PM | Competitive Programming Hackathon |
|  | 4:00–6:00 PM | Speaker Session: MBA/UPSC/GATE Unlocked |
|  | 8:00–10:00 PM | Global Careers Forum |
| Sun | Full Day | 1V1 Career Guidance Clinics |
|  | 10:00 AM–1:00 PM | Masterclass #5: Blockchain & Web3 Dev |
|  | 2:00–5:00 PM | Case Competition |
|  | 4:00–6:00 PM | Alumni Resume Review & Interview Strategies |
|  | 8:00–10:00 PM | Panel Discussion |
|  | 10:00–11:00 PM | Closing Keynote & Awards |

-————schedule timing can change based on speakers availability

**Note:**-

1. **Stablish Anti‑Ragging Task Force**: Dedicated monitor at every venue; real‑time reporting channel to ensure safety and smooth workflow with admin.
2. **New Reward Scheme for innov expo**: “Best Innovation” & “People’s Choice” prizes
3. Organize some **Freshers‑Got‑Talent & Treasure Hunt**

## **Estimated Budget**

**All figures in INR**

|  |  |  |  |
| --- | --- | --- | --- |
| Event / Item | Estimated Cost | Estimate Sponsor Contribution | College Funding Required |
| Masterclass #1–#7 (₹30,000 each × 7) | 210,000 | 55,000 | 155,000 |
| Competitive Programming Hackathon | 20,000 | 14,000 | 6,000 |
| Case Competition | 15,000 | 11,000 | 4,000 |
| Speaker Session (MBA/UPSC/GATE Unlocked) | 40,000 | 15,000 | 25,000 |
| Global Careers Forum | 15,000 | 14,000 | 1,000 |
| Alumni Resume Reviews & Interview Strategies | 30,000 | 5,000 | 25,000 |
| One‑on‑One Career Guidance Clinics | 5,000 | 5,000 | 0 |
| Innovation Expo & Open-House (venue, logistics, refreshments) | 10,000 | 2,000 | 8,000 |
| Panel Discussion | 70,000 | 40,000 | 30,000 |
| Marketing & Promotions | 15,000 | 13,000 | 2,000 |
| **Total** | 430,000 | 174,000 | 256,000 |

**Note:- It is estimated budget, How much money will come from sponsors isn’t fixed yet.**

Budget include - Includes air/train fare and local cab charges for external speakers.  
Refreshments for participants and speakers across all sessions.  
Posters and banners specific to each event.  
Events/competition awards.