

# AURE'ON

Lighting up futures **through** learning.

## **FUTURE SKILLS. GLOBAL CAREERS.**

**Apne career ko do ek  
blockbuster twist**

**Empowering youth with industry-ready skills in:**

AI & ML | Advance App Development | Cyber Security |  
Cloud Computing Digital Marketing | UI/UX | Animation & VFX |  
Drone Technology | Taxation & Accounting

 [www.aureon.co.in](http://www.aureon.co.in)

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ABHI BAKI H  
MERE DOST**

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## OUR VISION



“

*To become the most trusted career-acceleration ecosystem in India - one that combines skill mastery, global academic recognition, and lifelong credit mobility to create limitless future opportunities.*

”



## OUR MISSION

“

*To empower students and professionals with the skills, clarity, and credentials they need to build a career they're proud of - through industry-aligned training, nationally recognized certification, and globally respected academic pathways.*

”

# ABOUT THE INITIATIVE



## Who We Are

Aureon began with a simple question:

**“Why do so many talented young people remain unemployed despite having degrees?”**

We realized the answer:

**Students lacked practical, industry-relevant skills... not potential**

So Aureon was built to solve this problem. We partnered with experts, industry mentors, and global academic bodies to design training programs that turn students into job-ready professionals, not just certificate holders.

We believe in transforming futures through Aureon skills. In collaboration with Medhavi Skills University (MSU) and the Skill India, we offer UGC/AICTE-recognized, credit-based programs that blend academic learning with real-world skills.

Through the Academic Bank of Credits (ABC) and your unique APAAR ID, our learners can earn, store, and transfer academic credits seamlessly. Our globally recognized certifications and outcome-driven approach ensure you're not just learning—you're getting career-ready. Step into tomorrow with us.

# Why Choose Us?

**This is a blockbuster collaboration with Skill India, Medhavi Skills University & Western State University - California bringing you practical, industry-ready skills and a star-studded faculty!**

## EARN TRANSFERRABLE CREDITS

Our courses offer academic credits under the National Credit Framework (NCrF) verifiable, transferable, and recognized by AICTE/UGC universities nationwide.

## Globally Valid Certificates

All our certificates are issued by MSU/NCVET, fully accepted and backed by government portals like Digi Locker and Skill India Digital Hub.

## Industry-Endorsed Curriculum

Programs co-designed with Medhavi Skills University, Skill India, and Seminarroom, ensuring alignment with real-world industry demands.

## Recognized Certifications

Earn UGC/AICTE-recognized credit-based certificates with seamless credit transfer via Academic Bank of Credits (ABC) and APAAR ID.

## Placement Support

Our placement ecosystem includes: Resume & LinkedIn optimization / Interview coaching / Portfolio building / Internship support / Placement drive opportunities. We support you until you secure your breakthrough.

# Understand Credit Transfer!

## What are Academic Credits?

Academic credit is a unit that measures the amount of learning or work completed in a course or program of study. It's a way to quantify the effort and time required to successfully complete a course, and is often used to track progress towards a degree or qualification.

- “Credit” means the standard methodology of calculating one hour of theory or one hour of tutorial or two hours of laboratory work, per week for a duration of a semester (13-15 weeks) resulting in the award of one credit; which is awarded by a higher educational institution on which these regulations apply; and, Credits for internship shall be one credit per one week of internship, subject to a maximum of six credits.

## What is APAAR ID?

The Academic Bank of Credits (ABC) is a flagship initiative of the Ministry of Education, regulated by the University Grants Commission (UGC). The digital platform is developed and maintained by Digital India Corporation, MeitY. It facilitates the secure storage, accumulation, transfer, and redemption of academic credits earned by students from recognized educational institutions. It functions as a 'credit bank' where academic achievements are digitally recorded and made accessible through a learner's unique APAAR ID.

- In partnership with the National Skill Development Corporation (NSDC) and Medhavi Skills University (MSU), we align with the New Education Policy (NEP 2020) to deliver skills-based training in Information Technology and management. Our programs are designed to significantly boost employability, making our students industry-ready.

## What makes us different?

- Earn Transferable Credits: Our courses offer academic credits under the National Credit Framework (NCrF) — verifiable, transferable, and recognized by AICTE/UGC universities nationwide.
- Seamless Integration: Combine skills-based courses with your regular degree and boost your employability.
- Smart Tracking: Get your unique APAAR ID—your digital key to easily manage and transfer academic achievements via the Academic Bank of Credits (ABC).
- Globally Valid Certificates: All our certificates are issued by MSU/NCVET, fully accepted and backed by government portals like Digi Locker and Skill India Digital Hub.
- Outcome-Based Learning: Forget rote learning—our focus is on real skills and practical application to get you hired!

## Your Pathway

- Flexible Learning: Choose from Information Technology, Management, and more.
- Value-Added Courses: Earn from 12 to 30 credits integrated into your degree.
- National Recognition: All credits are verifiable, secure, and part of your lifelong learning journey.



AUREON

Lighting up futures *through learning.*

# CORPORATE READINESS PROGRAM OVERVIEW

3D ANIMATION  
& VFX

UI & UX  
DESIGN

DIGITAL MARKETING  
& ANALYTICS

CYBERSECURITY &  
PENETRATION TESTING

ADVANCED WEB & CLOUD  
WEB DEVELOPMENT

ARTIFICIAL INTELLIGENCE  
& MACHINE LEARNING [AI-ML]

PROFESSIONAL TAXATION  
& ACCOUNTING PRACTICES

DRONE PROGRAMMING,  
TECHNOLOGY & OPERATIONS

# ADVANCED WEB & CLOUD APPLICATION DEVELOPMENT

Advanced Web & Cloud Application Development encompasses the design and development of both front-end (client side) and back-end (server side) of web applications. It involves working with technologies like HTML, CSS, JavaScript, Node.js, databases (SQL/NoSQL), and cloud platforms.

- JavaScript frameworks (React, Angular, Vue)
- Backend with Node.js, Python, Django
- APIs, DevOps, and CI/CD integration
- Cloud deployment (AWS, Azure)



## FUTURE OPPORTUNITIES

As digital transformation accelerates across industries, demand for versatile full-stack developers is soaring. Startups, IT firms, and product companies seek professionals who can handle end-to-end development. India's IT hiring across technology roles rebounded nearly 12% in 2024, with white-collar tech employment increasing 6% month-on-month in May 2024. Additionally, tier 2 cities are rapidly becoming talent hubs—job openings in these regions rose ~42% versus 19% in metros. Placement Prospects in India:

- Duration: 600 Hrs** • **Total 6 Modules** Each Module is for 40 Hrs - To be covered in One Year (2 Sem)
- Methodology:**
- **3 Modules each semester** 120 Hrs each semester
  - **One Week training (40 Hrs) + 3 Week Project** (Problem Statement)
  - **One Week training offline + Project hybrid model**

**AAJ MERE PAAS CODE HAI, LOGIC HAI, SOLUTION HAI  
TUMHARE PAAS KYA HAI?"**

# Become the hero who can do it all

## UI/UX DESIGN

**Overview:** Learn user-centered design, from research to interactive prototypes.

**Outcomes:** Master UI/UX principles  
Create wireframes, prototypes  
Conduct usability testing  
Tools: Google forms, Figma, Adobe XD, Balsamiq, Usability Hub, miro  
Sample Project: Design an app prototype for a local business.  
Careers: UI/UX Designer, Interaction Designer.

## FRONT-END DEVELOPMENT

**Overview:** Build responsive, interactive websites using modern front-end tools

**Outcomes:** HTML, CSS, JavaScript fundamentals  
Responsive & mobile-first design  
Git & GitHub for collaboration  
Tools: HTML5, CSS3, JS, Git, Bootstrap  
Sample Project: E-commerce website with cart & product gallery.  
Careers: Front-End Developer, UI Developer.

## BACK-END DEVELOPMENT

**Overview:** Build scalable server-side applications with API integration

**Outcomes:** REST API, CRUD, Auth, Server deployment  
SQL/NoSQL database integration  
Tools: Node.js, Express, PostgreSQL, MongoDB  
Sample Project: Blogging platform with authentication  
Careers: Back-End Developer, API Developer.

– front end, back end, and deployment.

Build your coding journey from script to superhit app!

### DATABASE MANAGEMENT

**Overview:** Design and manage relational databases using SQL

**Outcomes:** Schema design, indexing, triggers  
Advanced SQL queries & stored procedures  
Tools: MySQL, PostgreSQL, SQL Server  
Sample Project: Student management system  
Careers: Database Administrator, SQL Developer.

### DEPLOYMENT (DEVOPS/CLOUD)

**Overview:** Learn DevOps tools, CI/CD pipelines, cloud deployment

**Outcomes:** Containerization (Docker), CI/CD, monitoring  
Infrastructure as Code (IaC)  
Tools: Docker, Jenkins, AWS/GCP  
Sample Project: Cloud deployment of e-commerce app  
Careers: DevOps Engineer, Cloud Engineer.

### Cybersecurity Essentials

**Overview:** Learn to identify vulnerabilities and secure systems

**Outcomes:** Pen testing, network security, data protection  
Basic ethical hacking  
Tools: Kali Linux, Wireshark, Nmap  
Sample Project: Vulnerability assessment for a mock company  
Careers: Cybersecurity Analyst, Ethical Hacker.

# APPLIED ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

AI-ML focuses on enabling machines to learn from data, make decisions, and automate complex tasks. It leverages technologies like Python, TensorFlow, NLP, deep learning, and data visualization tools.

## Technology Trends:

01

Predictive analytics, chatbots, recommendation systems

02

Generative AI, LLMs, and reinforcement learning

03

AI-powered automation in healthcare, finance, and retail

**Kabhi Kabhi lagta hai apunich Bhagwan hai!**

## FUTURE OPPORTUNITIES

AI-ML is one of the fastest-growing fields, with applications spanning across autonomous systems, customer insights, fraud detection, and industrial automation.



India's AI market is projected to reach **\$17 billion** by 2027, growing at a CAGR of 25–35%.



AI/ML hiring in India surged 37% YoY in May 2024, and overall, **AI jobs grew by 42% over two years.**



Yet, talent supply lags: there's only 1 qualified GenAI engineer for every 10 open roles.

# PLACEMENT OPPORTUNITIES

01

## ROLES WITH TECH GIANTS

(Google, Amazon, Microsoft), startups, and R&D labs

02

## POPULAR JOB TITLES

Data Scientist, ML Engineer, AI Researcher

03

## SALARY RANGE

6–20+ LPA depending on skill and specialization

04

## GIANTS LIKE DATABRICKS

Plan to hire 750+ engineers in India via their Bengaluru R&D hub, investing \$250 million in AI expansion

05

## DEMAND IS BOOMING

Supply falls short—only 46% of graduates are AI ML employable, even as core employability declines to 42.6%



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(Problem Statement)
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# Create technology that thinks for itself

## POWER BI & EXCEL

**Overview:** Master data visualization and analysis with Excel & Power BI

**Outcomes:** Dashboards, DAX, Power Query  
Tools: Microsoft Excel, Power BI  
Sample Project: Sales dashboard for a retail brand  
Careers: Data Analyst, BI Analyst.

## PYTHON & MACHINE LEARNING

**Overview:** Learn Python with applied ML and mathematical modeling

**Outcomes:** NumPy, Matplotlib, algorithm basics  
Tools: Python, Jupyter, Scikit-learn  
Sample Project: Predictive modeling with visualizations  
Careers: Python Developer, Data Scientist.

## INTRODUCTION TO AI

**Overview:** Core concepts including search, NLP, knowledge representation

**Outcomes:** Agents, search algorithms, logic  
Tools: Python, NLTK, Prolog  
Sample Project: AI chatbot with NLP  
Careers: AI Engineer, Researcher.

# because AI toh future hai, boss!

## DEEP LEARNING

**Overview:** Dive into neural networks for image/speech recognition

**Outcomes:** CNNs, RNNs, predictive models  
Tools: TensorFlow, PyTorch  
Sample Project: Deep learning-based classification model  
Careers: Deep Learning Engineer, ML Specialist.

## ML IN BUSINESS & ENGINEERING

**Overview:** Apply ML for optimization, forecasting, and decision-making

**Outcomes:** Use cases in manufacturing, business intelligence  
Tools: Scikit-learn, TensorFlow  
Sample Project: Predictive maintenance using sensor data  
Careers: ML Engineer, Process Optimization Engineer.

## AI FOR PRODUCT MANAGEMENT

**Overview:** Product lifecycle + AI-driven decision-making tools

**Outcomes:** Roadmaps, market trends, user feedback with AI  
Tools: AI Analytics platforms, A/B testing tools  
Sample Project: Mobile app roadmap using AI insights  
Careers: AI Product Manager, Business Analyst.

# CYBER SECURITY & PENETRATION TESTING

Cyber Forensics and Security covers securing networks, ethical hacking, cloud security, incident response, SIEM tools, and digital forensics.

## Industry Insight & Market Growth

- 35 Lakhs cyber security jobs will open up by 2025.
- As of May 2023, India Inc. had ~40,000 cybersecurity job openings, with a gap of ~30% between demand and supply.
- India's cybersecurity job market is rapidly expanding, projected to reach 280 billion rupees by 2025 with an 18.33% annual growth rate. Job listings are booming, especially in Bengaluru, while entry-level salaries for roles like penetration testers and cybersecurity analysts start at Rs11.8 LPA and 6.9 LPA.

## Placement Outlook

- With 93% of companies planning to expand cybersecurity budgets (17% increasing by  $\geq 15\%$ ), professionals are in high demand.
- New roles in government (like the West Bengal CID) are emerging, hiring cyber experts across forensic and security operations.



**Mujhe Hack karna mushkil  
hi nahi namumkin hai!**



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Project hybrid model**

# Be the shield



## CYBERSECURITY FOUNDATIONS & NETWORKING

**Overview:** Networking basics, OSI model, VPNs, firewall configuration

**Outcomes:** Packet analysis, threat detection

Tools: Wireshark, pfSense

Sample Project: Secure home/office network

Careers: Security Analyst, Network Support.tt

## ETHICAL HACKING & PEN TESTING

**Overview:** Learn ethical hacking, recon, exploitation, reporting

**Outcomes:** Footprinting, vulnerability scanning

Tools: Metasploit, Nmap

Sample Project: Website penetration test

Careers: Pen Tester, Ethical Hacker.

## SYSTEM & NETWORK SECURITY

**Overview:** Harden systems and monitor network activity

**Outcomes:** IDS/IPS, patch management

Tools: Snort, Security Onion

Sample Project: Corporate IDS deployment

Careers: Network Security Engineer, SOC Analyst.

# Protect companies from cyber villains and keep data safe!

## WEB APP & CLOUD SECURITY

**Overview:** Design and manage relational databases using SQL

**Outcomes:** Schema design, indexing, triggers  
Advanced SQL queries & stored procedures  
Tools: MySQL, PostgreSQL, SQL Server  
Sample Project: Student management system  
Careers: Database Administrator, SQL Developer.

## DIGITAL FORENSICS & IR

**Overview:** Learn DevOps tools, CI/CD pipelines, cloud deployment

**Outcomes:** Containerization (Docker), CI/CD, monitoring  
Infrastructure as Code (IaC)  
Tools: Docker, Jenkins, AWS/GCP  
Sample Project: Cloud deployment of e-commerce app  
Careers: DevOps Engineer, Cloud Engineer.

## ADVANCED CYBERSECURITY & THREAT INTELLIGENCE

**Overview:** Learn to identify vulnerabilities and secure systems

**Outcomes:** Pen testing, network security, data protection  
Basic ethical hacking  
Tools: Kali Linux, Wireshark, Nmap  
Sample Project: Vulnerability assessment for a mock company  
Careers: Cybersecurity Analyst, Ethical Hacker.

# PROFESSIONAL TAXATION & ACCOUNTING PRACTICES

Tax & Accounting forms the backbone of financial management for businesses. As India embraces digitization, the domain has moved beyond manual bookkeeping to tech-driven platforms like Tally, Zoho Books, Excel, and cloud-based GST compliance systems.

India now hosts 140–160K professionals in GCCs of Big 4 firms, while RSM US alone plans to double its India headcount to 5,000 by 2027.



## TECHNOLOGY IN USE

- GST software, payroll tools, MS Excel
- Tally ERP, Zoho Books, QuickBooks
- Integration with finance CRMs and analytics dashboards, Tally ERP, Zoho Books, QuickBooks
- GST software, payroll tools, MS Excel



## PLACEMENT IN INDIA

- GCCs likely to contribute 2% of India's GDP by 2030
- Career paths include Audit, Tax, Forensic Accounting, and Finance Consulting
- Entry-level salaries often begin at 4–6 LPA, rising to 10–15 LPA with CPA or advanced roles

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**Problem kya hai pata hai? Humme  
aadat hai theory pe kaam karne ki, practical pe nahi....**

#### **BASIC & ADVANCED EXCEL FOR FINANCE**

**Overview:** Master spreadsheet operations, dashboards, and financial reporting

**Outcomes:** Build income statement, balance sheet, and cash flow models.  
Design interactive dashboards using charts and pivots.  
Sample Project: Financial dashboard showing core statements.  
Careers: Accounts Executive, Financial Analyst.

#### **FINANCIAL ANALYTICS USING POWER BI**

**Overview:** Learn to visualize and interpret financial data

**Outcomes:** Build revenue and profitability models.  
Use Power BI for trend forecasting.  
Sample Project: Financial model for an e-commerce brand.  
Careers: Financial Analyst, BI Analyst.

#### **TALLY PART 1 & INTRO TO CORPORATE TAX**

**Overview:** Core accounting with Tally and basics of corporate taxation.

**Outcomes:** Record and manage journals, ledgers, and transactions.  
Understand tax implications in corporate accounts.  
Sample Project: Set up business accounts with invoices and tax entries.  
Careers: Tax Consultant, Accounts Officer.

# Become the financial hero—master Excel, Tally, GST, and help businesses grow paisa vasool!



## TALLY PART 2 & INTRO TO GST

**Overview:** Deep dive into payroll, GST filings, and compliance.

**Outcomes:** Process employee salaries and generate GST reports.  
Analyze key performance and tax compliance metrics.  
Sample Project: Company payroll and GST compliance dashboard.  
Careers: GST Analyst, Compliance Officer.

## ZOHO BOOKS

**Overview:** Learn to manage finances and invoicing using Zoho Books.

**Outcomes:** Set up transactions, inventory, and sales reports.  
Create audit-ready financial records.  
Sample Project: Build and maintain business accounts on Zoho.  
Careers: Zoho Finance Specialist, Business Accountant.

## ZOHO APPS

**Overview:** Integrate CRM, project management, and payroll in Zoho.

**Outcomes:** Automate business workflows.  
Use analytics for process optimization.  
Sample Project: CRM and payroll system automation using Zoho.  
Careers: Automation Consultant, Business Process Analyst.

# DIGITAL MARKETING & ANALYTICS

Digital Marketing is a dynamic and data-driven field focusing on building brands and customer engagement across digital channels like social media, search engines, email, and marketplaces. It blends creativity with strategy and performance tracking.

## Technology in Use

### SOCIAL MEDIA TOOLS

(Meta Ads, Canva, Buffer)

### SEO TOOLS

(Google Analytics, SEMrush, Moz)

### AD PLATFORMS

(Google Ads, Facebook Ads Manager)

### AUTOMATION

(Zapier, ChatGPT, Mailchimp)

## Placement In India

“

Over **9 lakh** digital marketing jobs expected in 2025.

”

“

Agencies drive **60% of hiring**, with Bengaluru, Mumbai & Delhi-NCR accounting for ~67% roles.

”

“

Growing demand for AI, Creator Tools, and Tech-integrated marketers—AI skill demand **grew 392%**, 'Creative Execution' by 443% in the past two years.

”

“

Roles: Digital Marketing Executive, Content Strategist, SEO Analyst.

”

“

Entry salary: **2.5-4 LPA**; mid-level: **6-10 LPA**; specialists: **12 LPA+**.

”

“

Top recruiters include **Accenture, TCS, Google, Capgemini**, and major agencies.

”

**Duration: 600 Hrs**  
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(Problem Statement)

**One Week training offline + Project hybrid model**

# Go viral, go global



## PROMPT ENGINEERING & CONTENT CREATION

**Overview:** Social media post creation using AI-driven prompts

**Outcomes:** Develop engaging copy and visuals for brand posts.  
Create a content calendar and brand voice strategy.  
Sample Project: One-month campaign for a brand with visuals and captions.  
Careers: Content Creator, Social Media Manager.

## DIGITAL MARKETING & STRATEGY

**Overview:** Build brand strategy and digital engagement plans

**Outcomes:** Conduct competitor analysis.  
Design content strategies for targeted growth.  
Sample Project: Automated one-month digital campaign.  
Careers: Digital Marketing Strategist, Campaign Manager.

## SOCIAL MEDIA MANAGEMENT & CAMPAIGNS

**Overview:** From ideation to execution of cross-platform campaigns

**Outcomes:** Maintain brand voice and engagement.  
Track KPIs and iterate based on performance.  
Sample Project: Launch campaign across Instagram, LinkedIn, and YouTube.  
Careers: Community Manager, Brand Executive.

# Rule Instagram, YouTube, Google Ads and more. Make brands trend!

## E-COMMERCE MARKETING

**Overview:** Manage Shopify, Amazon, Flipkart, and WhatsApp storefronts

**Outcomes:** Handle D2C product setup and fulfilment.  
Optimize listings and product placement.  
Sample Project: Multi-channel store setup and integration.  
Careers: E-Commerce Specialist, Online Sales Manager

## PERFORMANCE MARKETING

**Overview:** Learn paid media planning, targeting, and ROI tracking

**Outcomes:** Design ad strategies with measurable KPIs.  
Optimize budget and targeting for conversions.  
Sample Project: Ad campaign with budget, TG, and performance report.  
Careers: Paid Media Analyst, Ad Operations Executive

## MARKETING ANALYTICS

**Overview:** Use data to assess and enhance marketing efficiency

**Outcomes:** Analyse ad spend vs. ROI.  
Identify conversion patterns and improve targeting.  
Sample Project: Dashboard showing sales performance across platforms.  
Careers: Marketing Analyst, Data-Driven Strategist

# 3D ANIMATION & VFX PRODUCTION

The 3D Animation & VFX Production course trains students in the complete CGI pipeline.

**Modeling**

**Rigging**

**Animation**

**Lighting**

**Rendering**

**VFX**

**Compositing**

Students will work with industry-standard tools like **Blender, Maya, Unreal Engine, Adobe After Effects, and Nuke** (intro level) to create:

- 3D characters & assets
- Realistic environments
- Motion graphics
- Special effects (fire, smoke, explosions, particles)
- Composited scenes for films, OTT, ads, gaming & social media

The course blends art + technology, preparing students for professional creative careers.

## TECHNOLOGY TRENDS IN ANIMATION

As companies move towards data-driven decision-making, business analysts are in high demand across all domains—finance, HR, marketing, and operations. It's also a strong stepping stone to roles in Data Science and AI. India's IT BPM sector is valued at \$254 billion in FY24, with 5.4 million employees, and spends on analytics rising as enterprises scale digital transformation.

# TECHNOLOGY TRENDS IN ANIMATION & VFX

- Rapid growth of OTT platforms (Netflix, Prime Video, Hotstar) creating huge demand for VFX-heavy content.
- Use of real-time rendering engines (Unreal Engine) for animation & virtual production.
- AI tools supporting animation workflows (rotoscoping, color correction, motion tracking, concept art)
- Explosion of content in gaming, AR/VR, metaverse environments.
- Heavy adoption of 3D assets in digital marketing, branding & commercials.
- Indian studios working on Hollywood films & global outsourcing projects.
- This course is aligned with global industry standards, making students job-ready.

## CAREER OPPORTUNITIES IN INDIA

India is now home to some of the biggest animation & VFX studios working for global clients, including **Red Chillies VFX, DNEG, Prime Focus, Technicolor, MPC, Phantom FX, Accel, Annapurna Studios, NY VFXWaala.**

Students can build careers in **Film, OTT & TV production, Advertising & commercial agencies, Gaming studios, AR/VR companies, Architectural visualization, Corporate media & e-learning, YouTube & social media content studios.**

Job Roles After Completion **3D Animator, 3D Modeler, Rigging Artist, Texturing Artist, Lighting Artist, Render Artist, Motion Graphics Designer, VFX Compositor, FX Artist (particles, destruction, fire, smoke), Unreal Engine Artist, Video Editor, Creative Generalist.**

### Salary Range

- Freshers: Rs15,000–Rs30,000/month
- Skilled artists: Rs30,000–Rs50,000/month
- Senior experts: Rs6–18 LPA

**Sahi VFX vo hai jo aakho ko nahi,  
dimag ko bhi behka de!**

### FOUNDATIONS OF 3D ANIMATION & VFX

**Overview:** Introduction to Animation, Art Principles & 3D Software Basics

**Outcomes:** Introduction to Animation Industry  
Fundamentals of Art & Design  
3D Software Foundations  
Asset Creation Basics  
Introduction to VFX  
Mini Project

### 3D MODELING, TEXTURING & UV MAPPING

**Overview:** Create 3D characters, environments & objects

**Outcomes:** 3D Modeling Techniques  
Character Modeling Basics  
UV Mapping  
Texturing  
Materials & Shaders  
Mini Project

### RIGGING, ANIMATION & MOTION DYNAMICS

**Overview:** Bring characters and objects to life

**Outcomes:** Rigging Fundamentals  
Animation Principles (Disney's 12 Principles)  
Character Animation  
Motion Dynamics  
Mini Project

# Create worlds that don't exist yet... and make people believe they do!

## LIGHTING, RENDERING & REAL-TIME ENGINES

**Overview:** Make scenes cinematic & production-ready

**Outcomes:** Lighting and Camera Techniques  
Rendering Engines  
Real-Time Rendering, (Unreal Engine)  
Mini Project

## VFX COMPOSITING, MOTION GRAPHICS & SIMULATION FX

**Overview:** Create stunning special effects for films & media

**Outcomes:** VFX Compositing (After Effects / Nuke Intro)  
Green Screen Keying  
Motion Graphics  
FX Simulations  
Integrating CGI with Footage  
Mini Project

## PRODUCTION PIPELINE, PORTFOLIO & CAPSTONE PROJECT

**Overview:** Create a professional reel for jobs & internships

**Outcomes:** Full Production Pipeline  
Capstone Project  
Portfolio Development  
Career Preparation  
Assessment

# UI & UX DESIGN

This course provides students with a deep, practical understanding of User Interface (UI) and User Experience (UX) design. The program covers end-to-end design processes including research, wireframing, prototyping, interaction design, visual design principles, usability testing, and UX documentation.

## Learners will:

- Understand user psychology
- Create product flows & wireframes
- Build UI screens for web & mobile
- Prototype interactive experiences
- Conduct user testing
- Build a full portfolio case study

The course is crafted to make students job-ready, even if they are starting from zero.

**User ko samajhna mushkil hi nahi,  
Zaroori hota hai!**



## TECHNOLOGY TRENDS IN UI/UX DESIGN

- Massive rise in mobile-first and cross-platform digital products
- AI-driven design tools (auto-layouts, asset generation, usability prediction)
- Design for AR/VR, smart devices, wearables
- Motion design & micro-interactions becoming standard
- UX writing & content design taking center stage
- High demand for UX research roles in IT & product companies
- Use of design systems and scalable UI kits
- UX design merging with product management

# FUTURE OPPORTUNITIES FOR STUDENTS

Students can advance into: **UI/UX Designer, Product Designer, UX Researcher, Visual Designer, Interaction Designer, UI Designer, UX Writer, Mobile App Designer, Design System Specialist, Freelance Designer, Web Designer.**

Industries hiring these roles include: **IT Services, Startups, SaaS Companies, Fintech, EdTech, E-commerce, Gaming, Healthcare tech, Travel & booking apps, Enterprise apps.**



## PLACEMENT PROSPECTS IN INDIA

UI/UX Designers are among the most in-demand tech roles in India.

Companies hiring include: **TCS, Infosys, Cognizant, Accenture, Amazon, Google, Zomato, Swiggy, Paytm,** Startups across India, Product-based companies.

### Salary Range

- Freshers: ₹3 LPA – ₹6 LPA
- Mid-Level: ₹6 LPA – ₹12 LPA
- Senior: ₹12 LPA – ₹25 LPA+

# UI is the skin. UX is the soul!

## FOUNDATIONS OF UI/UX & OVERTHINKING

**zOverview:** Understanding design thinking, user psychology, and digital product fundamentals.

**Outcomes:** Introduction to UI/UX  
Design Thinking  
User Psychology Basics  
UX Research Fundamentals  
Product Thinking  
Hands-On Activities  
Mini Project

## UX RESEARCH, STRATEGY & INFORMATION ARCHITECTURE

**Overview:** Turn insights into structured product flows.

**Outcomes:** UX Research Deep Dive  
UX Documentation  
Information Architecture (IA)  
User Flows & Task Flows  
Wireframing Basics  
Mini Project

## WIREFRAMING, INTERACTION DESIGN & PROTOTYPING

**Overview:** Turn ideas into structured screens and functional flows.

**Outcomes:** Wireframing Techniques  
Mobile & Web Layouting  
Interaction Design  
Figma / Adobe XD Mastery  
Accessibility Guidelines  
Mini Project

# Hum design nahin, experiences banate hain.

## VISUAL DESIGN, UI DESIGN SYSTEM & BRANDING

**Overview:** Learn visual identity, grids, typography & modern UI design principles.

**Outcomes:** Visual Design Principles  
UI Layouting  
Creating UI Screens  
Branding & Design Systems  
Modern UI Trends  
Mini Project

## USABILITY, TESTING, PORTFOLIO & UX WRITING

**Overview:** Evaluate designs, refine user experience, and learn content design.

**Outcomes:** Usability Testing  
Heuristic Evaluation  
UX Writing Basics  
Product Improvement Cycles  
Mini Project

## CAPSTONE PROJECT, PORTFOLIO BUILDING & INDUSTRY PREP

**Overview:** Real-world case study + professional portfolio + job readiness.

**Outcomes:** Full-Scale Case Study Development  
End-to-End Design Process  
Portfolio Creation  
Career Prep  
Final Capstone Presentation

# DRONE TECHNOLOGY & OPERATIONS

The Drone Technology & Operations course provides hands-on training in drone assembly, maintenance, flight operations, DGCA rules, mapping surveys, aerial photography, agricultural spraying, and drone mission management.

## Students will learn:

- How drones work
- How to assemble, calibrate, and maintain drones
- How to safely operate drones in real environments
- How to plan & conduct missions for agriculture, mapping, inspection, cinematography, etc.
- DGCA regulatory compliance
- Practical hands-on flight training (simulated + real)
- Drone business & operational workflows

This course prepares students to become certified **UAV pilots**, **Drone Technicians**, or **Drone Operations Specialists**.

## Technology Trends in Drone Industry

India is undergoing a Drone Revolution, driven by:

- Drone Shakti Scheme (Govt. of India)
- Agriculture-focused subsidy programs
- BVLOS delivery experiments
- Smart city & defense surveillance
- Rapid adoption in solar, mining, oil & gas, railways, and construction industries
- High demand for GIS, mapping, & surveying drones
- Growth in agri-spraying drones under PM Fasal Bima Yojna
- Increasing use of thermal drones for firefighting & rescue

This course aligns with these emerging industry demands.

# CAREER & PLACEMENT OPPORTUNITIES

## Students can build career in:

- Drone service companies
- Agriculture spraying companies
- Mapping & surveying companies (GIS, land records, mining)
- Smart city and government projects
- Solar plant & powerline inspection
- Cine & media production houses
- Defense contractors (surveillance, reconnaissance support)

## Placement Roles

- Drone Pilot / UAV Operator
- Drone Maintenance Technician
- Field Survey Specialist (Drone-based)
- Aerial Photographer / Videographer
- Drone Agriculture Technician
- Flight Operations Supervisor
- Drone Business Assistant / Operations Manager

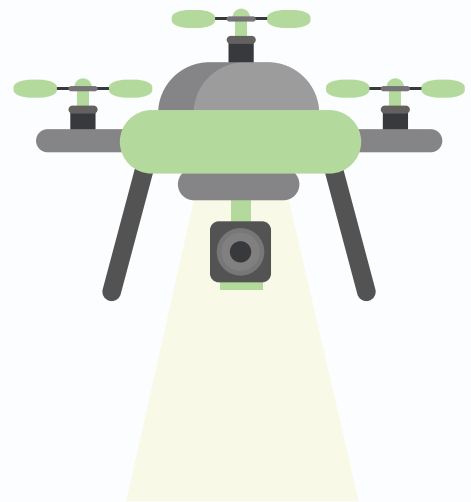
## Expected Salary Range:

Freshers: Rs15,000 – Rs30,000/month

Skilled operators: Rs30,000 – Rs60,000/month

Senior specialists: Rs6–12 LPA

In Collaboration With



# Flying is art — stabilizing is science.

## FOUNDATIONS OF DRONE TECHNOLOGY

**Overview:** Drone Basics, Aerodynamics & Components

**Outcomes:** Introduction to the Drone Ecosystem  
Drone Aerodynamics  
Drone Components  
Remote Controller Basics  
Introduction to Mission Planning Tools  
Mini Project

## DRONE ASSEMBLY, CALIBRATION & MAINTENANCE

**Overview:** Building, repairing & maintaining drones

**Outcomes:** Drone Assembly Fundamentals  
Flight Controller Setup  
Battery & Power Management  
Regular Maintenance Procedures  
Troubleshooting  
Mini Project

## DRONE FLIGHT TRAINING & SAFETY OPERATIONS

**Overview:** Manual flying, simulated practice, real-field operations

**Outcomes:** DGCA Safety Framework  
Flight Readiness  
Manual Flight Training (Simulator + Real)  
Emergency Handling  
Advanced Flying  
Mini Project

# Because intelligence doesn't stay grounded

## MAPPING, SURVEYING & DATA CAPTURE

**Overview:** Aerial mapping, GIS basics, mission automation

**Outcomes:** Mapping Concepts  
Mission Planning  
Sensors for Mapping  
Data Capture Techniques  
GIS Fundamentals (Beginner)  
Mini Project

## INDUSTRY APPLICATIONS & ADVANCED OPERATIONS

**Overview:** Real-world use cases and operational workflows

**Outcomes:** Agriculture Applications  
Infrastructure Inspection  
Security & Surveillance  
Media & Film Applications  
Business Workflows  
Mini Project

## CAPSTONE PROJECT, DGCA KNOWLEDGE & CAREER READINESS

**Overview:** Industry certification, documentation & career training

**Outcomes:** DGCA Rules (Awareness)  
Capstone Project Development  
Documentation & Reporting  
Industry Readiness  
Final Evaluation

# DRONE PROGRAMMING & AI INTEGRATION

## This course trains students to:

- Understand drone hardware, electronics, and flight dynamics
- Program drones for autonomous navigation
- Use sensors, computer vision, and AI models to make drones “see, think, and act”
- Work with simulation tools before flying real hardware
- Build end-to-end projects like object-tracking drones, autonomous mapping drones, and AI-assisted inspection drones



## Technology Trends

### Some key directions this course aligns with:

- BVLOS (Beyond Visual Line of Sight) drone operations for logistics, agriculture, and infrastructure inspection
- Growth of drone-as-a-service providers for surveillance, delivery, inspection, and mapping
- Integration of AI + drones for:
  - Precision agriculture (crop health, yield prediction)
  - Smart cities (traffic, crowd monitoring, disaster response)
  - Industrial inspection (solar farms, transmission lines, oil & gas)
- Use of digital twins & simulation for training and mission planning
- Increasing adoption of edge AI (running models on-board instead of cloud)

**Neeche mat dekho... upar socho**

## **FUTURE OPPORTUNITIES & PLACEMENT PROSPECTS IN INDIA**

**With India pushing “Drone Shakti” & PLI schemes, plus DGCA’s liberalized Drone Rules, opportunities are growing in:**

- Drone service companies (survey, mapping, cinematography, agri-spraying)
- Agritech & precision farming firms using drones for crop monitoring & spraying
- Defence & security contractors (surveillance, border monitoring, situational awareness)
- Infrastructure & utilities (inspection of railways, power lines, pipelines, telecom towers)
- Smart city projects, mining, environment monitoring, disaster management
- Startups building drone platforms, autopilot systems, or AI-analytics pipelines
- OEMs & system integrators (UAV hardware & software)

### **Typical roles after upskilling:**

- Drone Programmer / UAV Software Engineer
- Drone AI / Computer Vision Engineer
- Flight Control Engineer (Junior)
- Drone Operations & Mission Planning Engineer
- Robotics / Embedded Systems Developer (with UAV focus)
- Technical Specialist in drone service companies

# Trust the telemetry , not the wind.

## FOUNDATIONS OF DRONE & EMBEDDED SYSTEM

**Overview:** Build strong fundamentals in drone anatomy, flight principles, and onboard computing.

**Outcomes:** Introduction to Drones & UAV Ecosystem  
Flight Dynamics & Control Basics  
Drone Hardware Stack  
Onboard Computing Platforms  
Introduction to Embedded Linux  
Regulations & DGCA Basics  
Mini Project

## PROGRAMMING FUNDAMENTALS FOR DRONE CONTROL

**Overview:** Prepare students to code for drones using Python and basic APIs

**Outcomes:** Essential Python for Drone Programming  
Networking Basics  
Introduction to Drone Simulation Environments  
MAVLink & Drone APIs  
Basic Drone Commands via Code  
Telemetry & Data Logging  
Mini Project

## SENSORS, PERCEPTION & COMPUTER VISION FOR DRONES

**Overview:** Enable drones to “see” and interpret the environment

**Outcomes:** Sensor Fundamentals  
Introduction to Computer Vision  
Feature Detection & Tracking  
Object Detection / Tracking (High-Level AI + CV)  
Integrating Vision with Drone Control (Concept)  
Mini Project

# A drone is only as smart as the code controlling it.



## AI FOR AUTONOMOUS DRONE DECISION-MAKING

**Overview:** Use AI/ML models to control or augment drone behaviours

**Outcomes:** Quick Recap: Machine Learning Concepts  
Deep Learning for Vision (High Level)  
Edge AI for Drones  
Use-Cases of AI-Driven Drones  
Integration Flow  
Mini Project

## AUTONOMOUS NAVIGATION, MAPPING & MISSION PLANNING

**Overview:** Let drones perform missions with minimal manual intervention

**Outcomes:** Autonomous Flight Concepts  
Waypoints & Mission Scripts  
Basic Path Planning Concepts  
Introduction to Mapping & Survey Missions  
Simulated Environment Missions  
Mini Project

## CAPSTONE PROJECTS, COMPLIANCE & INDUSTRY READINESS

**Overview:** Consolidate learning into real-world style projects + career preparation

**Outcomes:** DGCA & Regulatory Framework (India-Focused Overview)  
System Design Thinking  
Capstone Project Work (Major Focus)  
Project Documentation & Presentation  
Industry Readiness & Portfolio Building  
Mock Interviews & Career Guidance

# Your Future Self will Thank You for Taking This Step!

**AUREON**

Lighting up futures through learning.



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