



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

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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.



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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+ **3 Week Project**
(Problem Statement)
- **One Week training offline + Project hybrid model**

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.

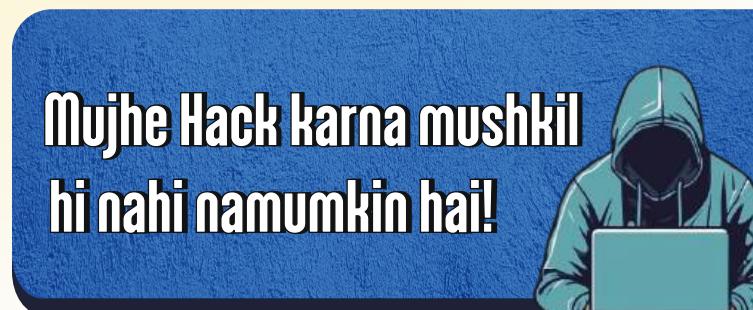
Industry Insight & Market Growth

- 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.



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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

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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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

Composting

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

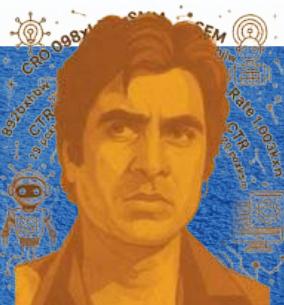
UI & UX DESIGN

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.



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

Overview: 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

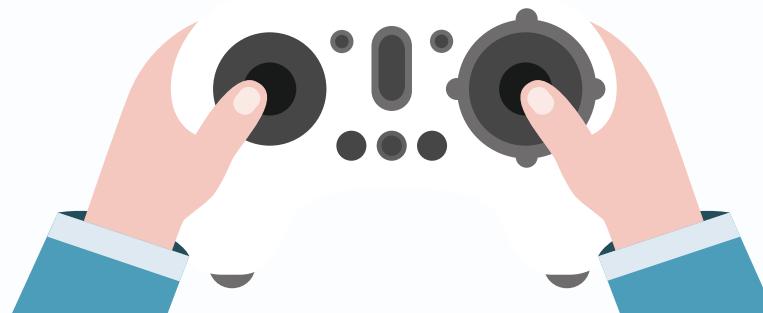
Senior specialists: Rs6–12 LPA



In Collaboration With



SHVVET



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!

AURE'ON

Lighting up futures through learning.



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