FUTURISTIC SKILLS

Center for Professional Studies

Sapne wahi sach hote hain jinmein jaan ho
Apne career ko do ek blockbuster twist!

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ABOUT THE INITIATIVE

COLLABORATION BETWEEN

FUTURISTIC SKILLS & SEMINARROOM

The Futuristic Skills Center for Professional Studies is a pioneering initiative formed through the strategic collaboration with Seminarroom, a leading EdTech platform with a national presence.

This joint venture is committed to equipping students with industry-aligned, future-ready skills that go beyond traditional academics. The Center delivers certificate programs, hands-on workshops, and career-boosting mentorship, with a sharp focus on high-demand domains such as:

- **Full Stack Development**
- **AI & ML**
- **Cybersecurity Forensics**
- **Finance & Accounting**
- **Digital Marketing**
- **Business Analytics**

VISION & MISSION

YEH PARTNERSHIP NAHI, BLOCKBUSTER HAI!

Industry-Aligned Curriculum & Faculty:

Our experienced educators bring real-world industry insights, ensuring students gain both theoretical depth and practical expertise in business, IT, and healthcare.

Why Choose ?

This is a blockbuster collaboration with Seminarroom, bringing you practical, industry-ready skills and a star-studded faculty!

Hands-On Learning & Internships:

Through strong industry linkages, students engage in valuable internships and projects that bridge academic concepts with professional practice.

Holistic Student Development:

We foster growth through sports, cultural activities, seminars, and community outreach—developing well-rounded individuals primed for leadership.

OUR VISION

> "
> *To cultivate future leaders through an education that marries global standards with regional relevance—promoting innovation, ethics, and socio-economic progress.*
> "

> "
> *To deliver transformative education in business, computing, and physiotherapy; champion research and entrepreneurship; and empower students with professional excellence and civic responsibility.*
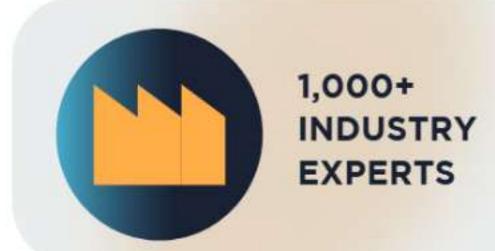> "

OUR MISSION

ABOUT THE SEMINARROOM

Seminarroom is a leading EdTech platform that bridges the gap between academia and industry by delivering professionally curated certificate programs, expert-led sessions, and real-world industry exposure to students across India. With a strong presence in **200+ colleges and 15+ cities**, Seminarroom empowers learners with practical skills, industry insights, and enhanced employability.
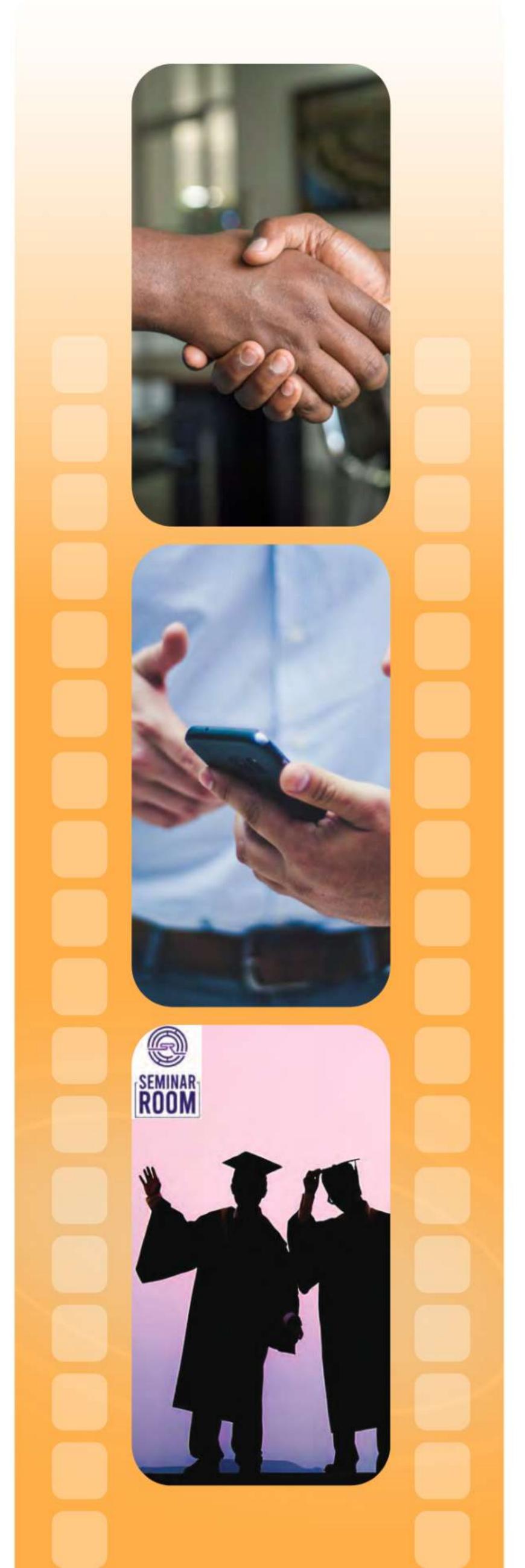
What Sets us APART ?

30,000+ STUDENTS IMPACTED

1,000+ INDUSTRY EXPERTS

2000+ INTERNSHIPS FACILITATED

1000+ SKILL SESSIONS DELIVERED

SEMINAR ROOM

WE OFFER STRUCTURED LEARNING PATHWAYS IN:

Through programs like the Industry Inspiration Program (IIP) and Corporate Readiness Program (CRP), Seminarroom enables students to interact with leaders from top firms like Zoho, Blox, and Digitosis, ensuring they are not only academically prepared but also career-ready.

COMMERCE & MANAGEMENT

These sessions go beyond textbooks—giving students insight into real business strategies, market dynamics, finance operations, and leadership practices. Whether it's understanding how brands grow, how data drives decisions. managed, students gain practical knowledge that sharpens their thinking and prepares them for the corporate world. It's the perfect launchpad for anyone aiming to build a successful career in business, finance, marketing, or entrepreneurship.

COMPUTER APPLICATIONS

For Computer Science students, this means real exposure to how coding, AI, data analytics, and software development are used in today's most innovative workplaces. These sessions are designed to spark curiosity, build confidence, and prepare students. exciting tech careers. With every interaction, they move a step closer to becoming not just academically strong, but truly

CORPORATE

READINESS

PROGRAM
OVERVIEW

**FULL STACK
DEVELOPMENT**

**ARTIFICIAL INTELLIGENCE
& MACHINE LEARNING [AL-ML]**

**DIGITAL
MARKETING**

**FINANCE &
ACCOUNTING [TAX]**

**BUSINESS
ANALYTICS**

CYBERSECURITY

FULL STACK DEVELOPMENT

Full Stack 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:

01
High placement rates

with MNCs, startups, and IT services firms

02
Popular recruiters

Infosys, TCS, Wipro, Accenture, Zoho, Razorpay

03
Salary range

₹4.5–12 LPA (entry to mid-level)

04
Major tech companies

(Lloyds, Infosys, TCS, Cognizant) are aggressively hiring full-stack and cloud engineers in India.

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.

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

1 **ROLES WITH TECH GIANTS**
(Google, Amazon, Microsoft),
startups, and R&D labs

2 **POPULAR JOB TITLES**
Data Scientist,
ML Engineer,
AI Researcher

3 **SALARY RANGE**
₹6–20+ LPA
depending on skill
and specialization

4 **GIANTS LIKE DATABRICKS**
plan to hire 750+ engineers
in India via their Bengaluru
R&D hub, investing
$250 million in AI expansion.

5 **DEMAND IS BOOMING**
supply falls short—only 46%
of graduates are AI ML
employable, even as core
employability declines to 42.6%

Duration: 240 Hrs.
Methodology:

- **Total 6 Modules**
  Each Module is for 40 Hrs
  To be covered in One Year (2 Sem)

- **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

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.tttt

CYBER FORENSICS AND SECURITY

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 ₹11.8 LPA and ₹6.9 LPA.

PLACEMENT OUTLOOK

- With 93% of companies planning to expand cybersecurity budgets (17% increasing by ≥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!

Duration: 240 Hrs. Methodology:	• Total 6 Modules Each Module is for 40 Hrs To be covered in One Year (2 Sem)	• One Week training (40 Hrs) + 3 Week Project (Problem Statement)
	• 3 Modules each semester 120 Hrs each semester	• One Week training offline + 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.

APPLIED TECHNOLOGY IN MODERN ACCOUNTING

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.

Duration: 240 Hrs Methodology:	**Total 6 Modules** Each Module is for 40 Hrs To be covered in One Year (2 Sem)
	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

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

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 showcasing 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

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.

Jo dikhta hai, woh bikta hai!

FUTURE OPPORTUNITIES

With India's internet user base exceeding 850 million, digital marketing has become crucial across industries. India's digital ad market is projected to reach $25–35 billion by 2025–30, growing at 30%+ CAGR.

Duration: 240 Hrs
Methodology:

Total 6 Modules Each Module is for 40 Hrs To be covered in One Year (2 Sem)
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

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

BUSINESS ANALYTICS

Business Analytics focuses on transforming raw data into actionable business insights. It combines tools like Excel, SQL, Power BI, Python, and Machine Learning to analyse performance, predict trends, and support strategic decisions.

FUTURE OPPORTUNITIES

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.

Roles: Business Analyst, Data Analyst, Reporting Consultant

Sought after in IT services, BFSI, e-commerce, and consulting

Entry salary: ₹5–8 LPA; senior roles go up to ₹15–20 LPA

TECHNOLOGY IN USE

1 Data tools: Excel (Advanced), SQL, Power BI, Tableau

2 Programming: Python, R, NumPy, Pandas

3 Modelling: Scikit-learn, TensorFlow (for ML modules)

Duration: 240 Hrs
Methodology:

Total 6 Modules Each Module is for 40 Hrs To be covered in One Year (2 Sem)
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

Sahi Business wo hai jahan aap problem ko nahi, solution ko bechate hai!

BASIC & ADVANCED EXCEL FOR ANALYTICS

Overview: Solve real-world business problems using Excel

Outcomes: Build dashboards for sales, revenue, and KPIs.
Use macros, formulas, and pivots for analysis.
Sample Project: Operational KPI dashboard.
Careers: Business Analyst, Excel Specialist.

FINANCIAL ANALYTICS WITH POWER BI

Overview: Visualize financial data and automate reporting

Outcomes: Create financial dashboards with interactive visuals.
Sample Project: Revenue vs. profit model for a D2C business.
Careers: Financial BI Analyst, Power BI Consultant.

SQL FOR DATA ANALYSIS

Overview: Query and manipulate business data

Outcomes: Analyze sales, trends, and customer behavior.
Sample Project: SQL-based inventory and trend tracker.
Careers: SQL Developer, Data Analyst.

Decode the story behind the data, predict trends, and become the strategy superstar!

INTRO TO MATHS & PYTHON

Overview: Predictive modeling using Python libraries

Outcomes: Use Pandas, NumPy, and Matplotlib for analytics.
Sample Project: Forecasting model based on historical data.
Careers: Python Analyst, Quantitative Researcher.

MACHINE LEARNING

Overview: Predictive modeling using Python libraries

Outcomes: Use Pandas, NumPy, and Matplotlib for analytics.
Sample Project: Forecasting model based on historical data.
Careers: Python Analyst, Quantitative Researcher.

ARTIFICIAL INTELLIGENCE

Overview: Apply AI for text analytics and intelligent apps.

Outcomes: Build chatbots, automate interactions using NLP.
Sample Project: NLP-based AI chatbot.
Careers: AI Developer, Automation Analyst.

Lights
Camera
Admission!

FUTURISTIC SKILLS
Center for Professional Studies

C/o The Institution of Engineer (India), Gujarat State Centre,
Bhaikaka Bhawan, law garden, Ahmedabad, 380006

Contact no. 9898362155

Website: futuristicskills.com

Email id: levelup@futuristicskills.com