

A 4 year next-gen

Computer Science Engineering Degree

from AICTE-approved | UGC-recognized | NAAC-accredited universities

CONTENTS

upGrad Legacy	04
A Call to the Next Generation	05
Built by Legends, Mentored by Pioneers	06
Best of Both Worlds	07
One Degree, Three Pathways	08
Outcome Driven Curriculum	09
The uGSOT Experience	16
We Don't Just Teach. We Build	17
Campus life at uGSOT	18
upGrad's Alumni	20
Meet our Faculty	21
Admission Process	23

The **upGrad** Legacy

10M+
students trained

110K+
placements in the FY 2023-2025

3K+
recruitment partners

300+
global university partners

45%
average salary hike

70+
countries with students

600+
corporate clients trained annually

28L+
internships enabled through Internshala



A Call To the **Next Generation**

Don't Just Get a Degree. Be a part of the next tech revolution.

A next-gen, **4-year engineering degree** from leading universities, meticulously designed for students who want to pioneer the future of Quantum Computing, Cloud Innovation, AI, and ML.

The future of technology belongs to those who create.

At **upGrad School of Technology**, we partner with leading universities to offer an in-campus engineering degree that blends academic depth with real-world innovation. Here, you build the skills, mindset, and confidence to become an entrepreneur, get a high-paying job or do research and higher studies in India or globally.

Built by Legends.
Mentored by Pioneers.



Our vision combines deep industry experience, strong academic grounding, and a shared commitment to building future-ready education.



RONNIE SCREWVALA
Co-founder, upGrad

Visionary entrepreneur who built transformative enterprises in education and media



VISHWA MOHAN
CEO, upGRAD School of Technology

Recognized among India's Top 40 CIOs (2023)
Former CIO: PhysicsWallah, LinkedIn, Amazon, PayPal

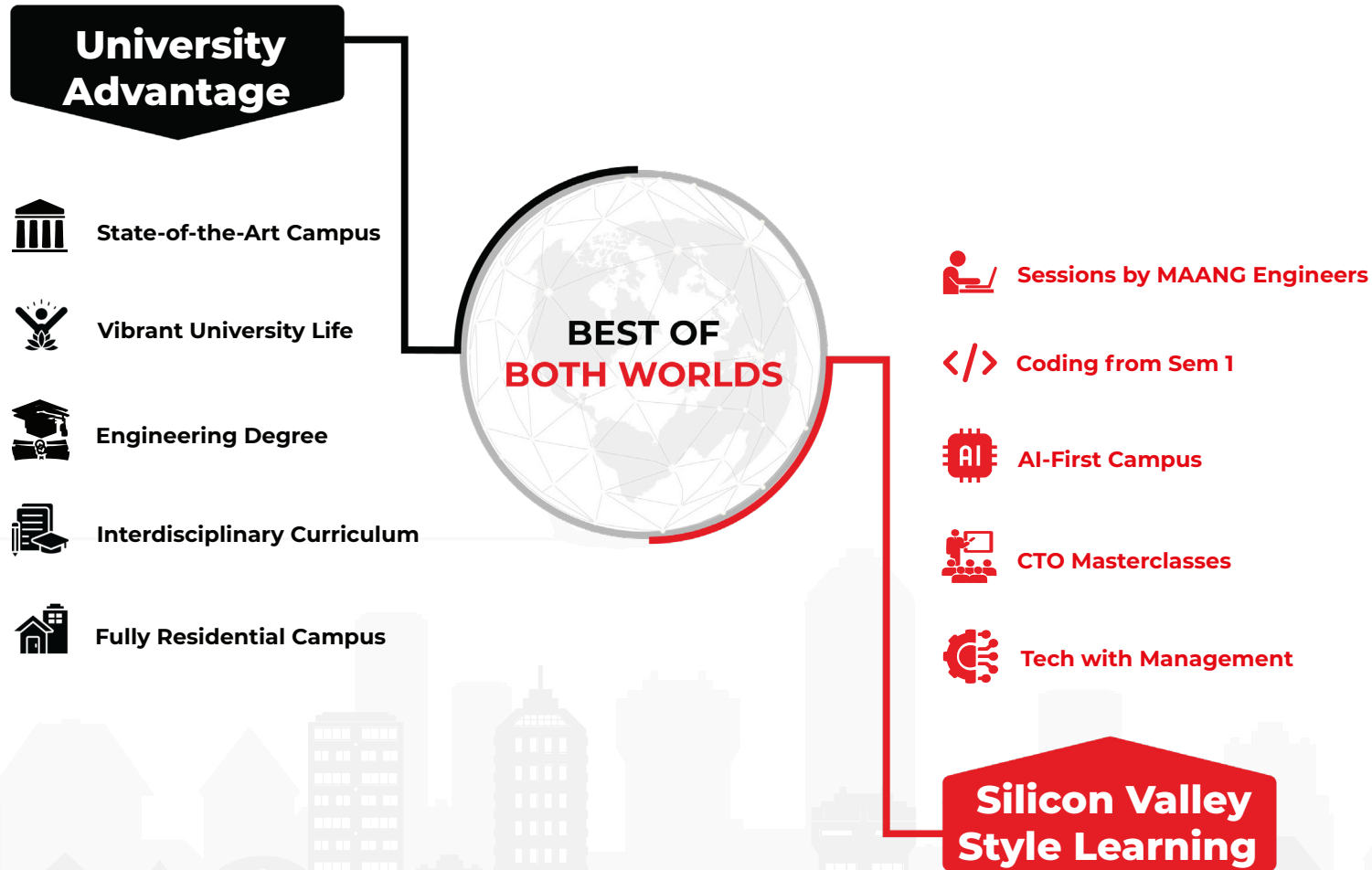


MEHUL KHANDHEDIA
CRO, upGrad School of Technology

Ex-Professor Mumbai University Ex-Coursera & PhysicsWallah Curated 35,000+ career transitions

Where World-Class University Meets

Silicon Valley-Style Tech Learning



One Degree, **Three Pathways**

Whether it's a MAANG job, your own startup, or a PhD, we've built the track for you

01

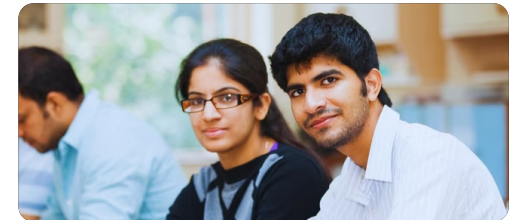
High-Paying **Tech Career Opportunities**

Get industry-ready with hands-on coding, hackathons and global competitions. Build disruptive tech valued by startups and MAANG firms, backed by strong internship and placement opportunities.

**02**

Startup & **Entrepreneurship Track**

Launch and scale your startup while earning your degree with a 7-semester Startup Mastery track offering mentorship, incubation, and expert guidance with no-limit seed funding support for promising ventures.

**03**

Research & **Higher Studies**

Master research, publishing, and academic writing skills while preparing for GRE, TOEFL, IELTS, SOPs, and scholarships. Build your pathway to top global universities and research careers.



Outcome Driven **Curriculum**

Engineering in **Full Stack AI & Cloud Innovation**

SEMESTER 01

- Engineering Mathematics I
- Programming Foundations (Python)
- Computer Fundamentals And Programming
- Web Essentials (Basics of Computer, Linux, Git & GitHub ,HTML, CSS)
- Communication Skills (Written and Verbal)
- Industrial Economics
- Universal Human Values
- Startup/Research Track

SEMESTER 02

- Data Structures & Algorithms I
- Front-End Development (JS, React)
- Engineering Mathematics II
- Programming Foundations (Java)
- Personality & Professional Development
- Environmental Studies
- English for Technical Communication
- Startup/Research Track

SEMESTER 03

- Engineering Mathematics III
- Data Structures & Algorithms II
- Database Management Systems (SQL)
- Back-End Development (MERN)
- Aptitude
- Startup/Research Track

SEMESTER 04

- Operating Systems
- Generative AI & Agentic Systems
- Specialization 1 : Cloud Computing Fundamentals
- Professional Ethics in Technology
- Startup/Research Track

SEMESTER 05

- Compiler Design
- Artificial Intelligence
- Computer Organization & Architecture
- Intro to Machine Learning & Data Visualization
- English Proficiency & Aptitude
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 06

- Elective 1
- Software Engineering & System Design
- Leadership, Communication & Innovation Lab
- Specialization 2: DevOps & System Design
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 07

- **Internship I (6 Months)** or
- Computer Networks
- Deep Learning
- Capstone Project Phase I
- Global Elective 2
- Specialization 3: Real-World Product Development & Agile Project Management
- Startup/Research Track

SEMESTER 08

- **Internship II (6 Months)** or
- Theory of Computation (TOC)
- Specialization 4: AI-Native Cloud Architecture & Distributed Systems
- Capstone Project Phase II
- Startup Incubation & Entrepreneurship Support
- Placement Booster Sessions
- Graduation Showcase & Career Fair

TechXplore:

Advanced Skills Workshop Series

- Ethical Hacking & Cybersecurity
- Advanced Android Development
- Internet of Things (IoT) & Edge Computing
- Blockchain & Decentralized Apps (DApps)
- Augmented Reality (AR) & Virtual Reality (VR) Development
- Game Development Fundamentals
- Java & Spring Framework Mastery
- Advanced Full Stack Development
- Mobile App Development
- Cloud Certifications Bootcamp (AWS / Azure / GCP)
- MLOps & AI Deployment Essentials
- Quantum Computing Basics with Qiskit

**The curriculum shared is indicative. Final course content is subject to our partner university curricula and industry requirements.*

Engineering in GenAI & ML

SEMESTER 01

- Programming Foundations (Python)
- Engineering Mathematics I
- Web Essentials(Basics of Computer, Linux, Git & GitHub, HTML, CSS)
- Communication Skills (Written & Verbal)
- Universal Human Values
- Computer Fundamentals And Programming
- Industrial Economics
- Startup/Research Track

SEMESTER 02

- Data Structures & Algorithms I
- Front-End Development (JS, React)
- Engineering Mathematics II
- Programming Foundations (Java)
- Personality & Professional Development
- Environmental Studies
- English for Technical Communication
- Startup/Research Track

SEMESTER 03

- Engineering Mathematics III
- Data Structures & Algorithms II
- Database Management Systems (SQL)
- Back-End Development (MERN)
- Aptitude
- Startup/Research Track

SEMESTER 04

- Operating Systems
- Intro to Machine Learning
- Specialization 1: Introduction to Data Science & Data Analytics
- Professional Ethics in Technology
- Startup/Research Track

SEMESTER 05

- Compiler Design
- Artificial Intelligence
- Computer Organization & Architecture
- Deep Learning
- English Proficiency & Aptitude
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 06

- Elective 1
- Software Engineering & System Design
- Leadership, Communication & Innovation Lab
- Specialization 2: NLP & Generative AI
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 07

- **Internship I (6 Months)** or
- Computer Networks
- Generative AI & Agentic Systems
- Major Project Phase I
- Global Elective 2
- Specialization 3: DataOps & MLOps Basics (CI/CD for ML, MLflow, Airflow, Kubernetes)
- Startup/Research Track

SEMESTER 08

- **Internship II (6 Months)** or
- Theory of Computation (TOC)
- Specialization 4: Multimodal AI & Advanced Generative Models
- Major Project Phase II (Final Product Development & Launch)
- Startup Incubation & Entrepreneurship Support
- Placement Booster Sessions
- Graduation Showcase & Career Fair

TechXplore: **Advanced Skills Workshop Series**

- Ethical Hacking & Cybersecurity
- Advanced Android Development
- Internet of Things (IoT) & Edge Computing
- Blockchain & Decentralized Apps (DApps)
- Augmented Reality (AR) & Virtual Reality (VR) Development
- Game Development Fundamentals
- Java & Spring Framework Mastery
- Advanced Full Stack Development
- Mobile App Security & Optimization
- Cloud Certifications Bootcamp (AWS / Azure / GCP)
- MLOps & AI Deployment Essentials
- Quantum Computing Basics with Qiskit

Engineering in Quantum Computing & AI

SEMESTER 01

- Programming Foundations (Python)
- Engineering Mathematics I
- Web Essentials(Basics of Computer, Linux, Git & GitHub ,HTML, CSS)
- Communication Skills (Written & Verbal)
- Universal Human Values
- Computer Fundamentals And Programming
- Industrial Economics
- Startup/Research Track

SEMESTER 02

- Data Structures & Algorithms I
- Front-End Development (JS, React)
- Engineering Mathematics II
- Programming Foundations (Java)
- Personality & Professional Development
- Environmental Studies
- English for Technical Communication
- Startup/Research Track

SEMESTER 03

- Engineering Mathematics III
- Data Structures & Algorithms II
- Database Management Systems (SQL)
- Back-End Development (MERN)
- Aptitude
- Startup/Research Track

SEMESTER 04

- Operating Systems
- Intro to Machine Learning & Data Visualization
- Specialization 1: Introduction to Quantum Computing
- Professional Ethics in Technology
- Startup/Research Track

SEMESTER 05

- Compiler Design
- Artificial Intelligence
- Computer Organization & Architecture
- Deep Learning
- English Proficiency & Aptitude
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 06

- Elective 1
- Software Engineering
- Leadership, Communication & Innovation Lab
- Specialization 2: Quantum Programming
- Professional Networking & Career Development
- Startup/Research Track

SEMESTER 07

- **Internship I (6 Months)** or
- Computer Networks
- Generative AI & Agentic Systems
- Capstone Project Phase I
- Global Elective 2
- Specialization 3: Quantum Machine Learning & Hybrid Quantum-Classical Systems (QNNs, QSVM, Quantum GANs)
- Startup/Research Track

SEMESTER 08

- **Internship II (6 Months)** or
- Theory of Computation (TOC)
- Specialization 4: Quantum Deep Learning
- Capstone Project Phase II
- Startup Incubation & Entrepreneurship Support
- Placement Booster Sessions
- Graduation Showcase & Career Fair

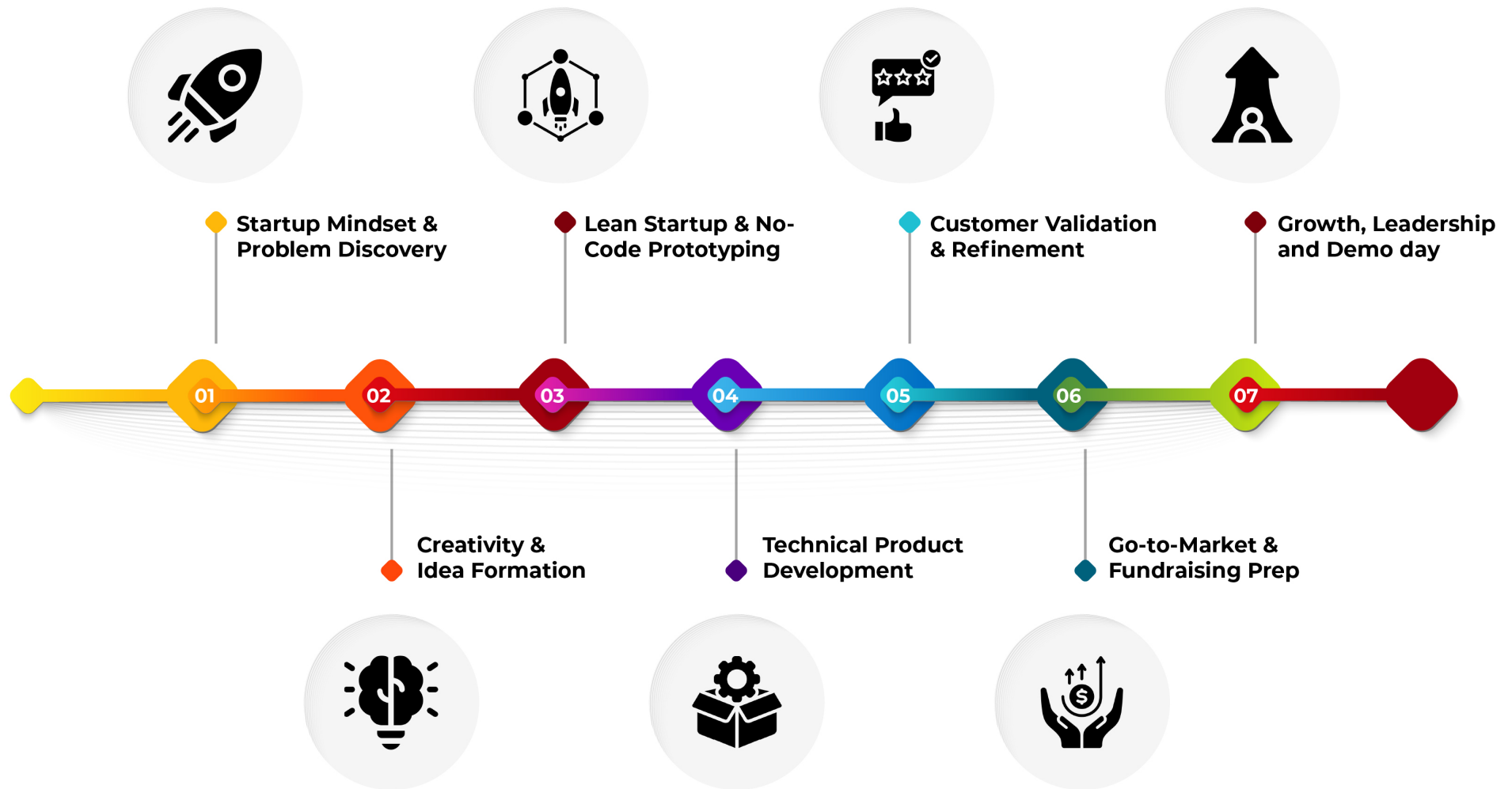
TechXplore: **Advanced Skills Workshop Series**

- Ethical Hacking & Cybersecurity
- Advanced Android Development
- Internet of Things (IoT) & Edge Computing
- Blockchain & Decentralized Apps (DApps)
- Augmented Reality (AR) & Virtual Reality (VR) Development
- Game Development Fundamentals
- Java & Spring Framework Mastery
- Advanced Full Stack Development
- Mobile App Security & Optimization
- Cloud Certifications Bootcamp (AWS / Azure / GCP)
- MLOps & AI Deployment Essentials
- Quantum Computing Basics with Qiskit

**The curriculum shared is indicative. Final course content is subject to our partner university curricula and industry requirements.*



7-Semester **Startup Journey**



7-Semester **Research Journey**





The **uGSOT** Experience: More Than a College

Live and Breathe **INNOVATION.**

A vibrant residential campus designed for collaboration and creativity.

Structured support for **GLOBAL HACKATHONS**

Training, mentoring, and support beyond the classroom



icpc



Google Summer of Code



We Don't Just Teach. **We Build.**

Our pedagogy is engineered around one core principle: Learn-by-Building. From day one, you will be immersed in a dynamic environment that mirrors the real world of tech innovation, ensuring you graduate not just with a degree, but with a portfolio of deployable applications, paid work experience, and the confidence to create impact.

01 AI-Driven, Personalized Learning

Your educational journey is as unique as you are. Our proprietary AI platform creates a personalized learning path for each student, adapting to your pace and style.

- AI-Powered Classes & LMS: Intelligent classrooms that turn complex theory into hands-on coding projects
- Skills Mapping & Individual Mentorship: One-on-one guidance to help you specialize and excel in your chosen track
- Adaptive Pathways: Choose and accelerate in Computer Science, AI, or Machine Learning based on your interests

03 WorkX360

Get paid while you learn. We bridge the gap between classroom theory and industry practice from an early stage.

- Paid rotational internships from year 2
- Exposure across startups, corporates, and NGOs
- Corporate mentorship & live projects embedded into the curriculum
- High conversion to pre-placement offers (PPOs) and research fellowships

02 CodeMiles

We believe expertise is forged through practice. The CodeMiles framework ensures you build muscle memory for complex problem-solving.

- 4,000+ hours of coding, 300+ real-world projects & hackathon, 15+ fully deployable applications by graduation
- Tackle live problem statements directly from unicorns and top startups so your work has market relevance
- Compete in national and global hackathons with dedicated sponsorship for premier contests like ICPC, GSoC, and NASA Apps

04 Founder's Forge: Your Startup Launchpad

For those who dream of building the next big thing, we provide the runway. Founder's Forge is your on-campus incubator.

- Unlimited seed fund for promising student ventures
- Advanced tech prototyping labs and dedicated co-working spaces & maker labs
- Startup bootcamps & business/pitch training
- Tech VC Day: Pitch your groundbreaking innovations to real investors

CAMPUS LIFE AT UGSOT

At **UGSOT**, growth goes beyond classrooms and code. Campus life is built to develop healthy, confident, and well-rounded technologists who can perform under pressure, think clearly, and collaborate effectively.



STUDENT CLUBS & COMMUNITIES

01

Cultural Club

Celebrate diversity through art, performances, festivals, and creative collaborations.

02

Product Builders Club

Design, build, and launch real-world apps and digital products.

03

Creator's Club

Master content, design, storytelling, and digital media creation.

04

Entrepreneurship Circle

Build startups with mentorship, peer feedback, and execution support.

05

AI & Innovation Club

Hands-on AI workshops, hackathons, competitions, and tech events.





PHYSICAL WELLNESS

A strong mind is powered by a strong body.

Students benefit from:

- ✔ Modern fitness and training facilities
- ✔ Guided strength and endurance programs
- ✔ Sports activities and friendly tournaments
- ✔ Yoga and mobility sessions for recovery and posture

MENTAL WELLNESS

Sustained performance requires mental balance.

Campus life supports emotional well-being through:

- ✔ Mindfulness and stress-management workshops
- ✔ Peer support circles and collaborative spaces
- ✔ Access to counselors and faculty mentors
- ✔ Reflection sessions and digital detox initiatives

upGrad's Alumni work at

upGrad's International Partners

Meet **Our Faculty**

Meet our industry experts and innovators who turn real-world experience into transformative learning



ABHISHEK VIJAYVARGIA

Principal ML Engineer
Splunk, Ex-Microsoft, IIT Kanpur



MIRZA RAHIM BAIG

Team Lead Zalando, Ex-Flipkart,
Liverpool John Moores University



SUMIT BHATIA

Senior ML Scientist, Adobe
Ex-IBM, IIT Roorkee



MUKESH JAIN

CTO/Executive VP Capgemini,
Ex-Microsoft, BITS Pilani



ANKUSH CHOPRA

Senior Director, AI Tredence Inc,
IIT Kanpur



GEORGIOS OUZOUNIS

VP of AI Research Atlas AI, Ex-Kauno,
Kolegija University of Groningen



DR. VIVEK VEERIAH

Prof of CSE, former director and
professor at NYU, USA



ARIHANT JAIN

Vice President - Paytm,
Jabalpur Engineering College



S. ANAND

LLM Psychologist Straive,
IIT Madras, IIMB



MANISH SHARMA

Managing Director Accenture,
Ex-HCLTech, IIFT



PRAKHAR AGRAWAL

Sr. AVP, EXL, Ex-upGrad,
University of San Francisco



SUMIT BHATIA

Senior Research Manager Meta,
Ex-TrueFoundry, IIT Bombay



VISHWA MOHAN
CEO upGrad SOT, Ex-LinkedIn,
Walmart, PayPal, Oracle



ANANTH KUMAR
Full Stack AI Engineer Microsoft,
Ex-Service Now



DIVYANSH DUBEY
Gen AI Google, Ex-Tiger Analytics,
Maybank



AJEYA B JOIS
ML Scientist 3 PayPal,
Ex-Oracle, Qualcomm

upGrad School of Technology



JYOTI NIGAM
Data Scientist upGrad SOT



MAHESWARARAO B
Senior Software Engineer



MITHUN S
SDE II Cisco, Ex-PW, Ex-iNeuron



YAMINI BANDI
SDE II Amazon



RAGHAV NAKRA
SWE Microsoft



RISHI SARAF
Co founder & CEO DevDynamics,
Ex-Hotstar, VMware, Walmart



SHAHAR BANU
Senior DevOps Specialist Equisoft,
Ex-Capabl, AWS



SOUROV ROY
Software Engineer II Deliveroo,
Ex-Amazon, Ex-HackerRank



SHIVAM J
Software Engineer Airbnb



SHREYANSH SINHA
SWE Microsoft, Ex-JP Morgan Chase



SHUBHAM LAL
SDE II Microsoft



VIVEK KUMAR ASTIKAR
Data & AI Engineer CloudAI
Technologies, Ex-Careerpedia

Admission **Process**



01

Apply to **uGSOT**

Submit your application to secure a chance to appear for the entrance test.



02

Appear for the **uGNET**

Take the test to demonstrate your aptitude and readiness for the program.



03

Personal Discussion

Present your verbal skills, passion, and potential in a one-on-one discussion.



04

Counselling Session

Choose the partner campus and specialization with the help of our counsellors.



05


Block Your Seat

Confirm your admission and kickstart your tech journey.

Get in Touch **With Us**



 sot.upgrad.com

 1800 210 8080

 admissions@upgradsot.com

Disclaimer:

upGrad School of Technology collaborates with leading NAAC accredited universities to facilitate industry relevant education. All academic degrees are conferred solely by the respective universities.