PHOENIX GRADUATE SCHOOL

AI & MACHINE LEARNING

MASTER THE TECHNOLOGY OF **FUTURE**



www.mypgsglobal.com

India's First Exclusive UK-Accredited Study Centre.

Step into Experiential Learning with World-Class Amenities.



About Us

PHOENIX GRADUATE SCHOOL

PGS Global is a **UK-recognized** international education provider offering flexible and affordable academic and skill programmes, approved by the UK awarding bodies and accredited by the UK Universities, under **QS** and **OFQUAL** qualification frameworks.

Our programmes are delivered in campus, online and blended formats.

PGS Global offers quality education across the globe such as **Foundation, Undergraduate, Postgraduate** and **Doctorate programmes** as well as various professional skill programmes.

We use modern and innovative learning management systems and technological tools to deliver courses with lessons, resources and study materials. Our learning method is focused on **assignments** and **credits** and will genuinely enhance employability skills.

At PGS Global, our distinguished UK-trained and international faculty members will guide you in every step of your academic journey, to help you achieve an internationally recognised **WES-approved** qualification and a promising global career.

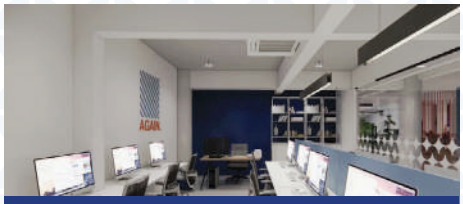


Our Campus at a Glance

Our state-of-the-art campus is more than just a place to learn - it's a space to grow, connect, and create. Spread across an expansive 50,000+ square feet, our campus is designed to inspire curiosity, develop collaboration, and prepare students for the global stage. Every corner is thoughtfully built to deliver experiential learning that combines advanced technology with an engaging academic environment.



Digital Classrooms
For the Modern Learner



The Think Lab:
Your Space for innovation



A Library Built for Thinkers



Seminar Halls



Conference Room



Lobby & Admission Cabins



Recreational Areas



Reading Area



Students **Corridor**



Open Terrace



International Cuisines



Rooftop Garden

Not Just Learn, Live the Experience

Awarding Bodies

At Phoenix Graduate School, every qualification is a crafted testament to learning, where wisdom meets wonder, and knowledge finds form through trusted global alliances. We work in collaboration with distinguished awarding bodies such as Qualifi,OTHM and CPD under the quality assurance frameworks of Ofqual in England.

These esteemed institutions safeguard the integrity of every certification, from design to delivery, ensuring that each achievement reflects academic rigour, professional credibility, and genuine learning outcomes.

Each qualification, thus, becomes more than recognition; it is a symbol of mastery, curiosity, and the timeless pursuit of excellence.

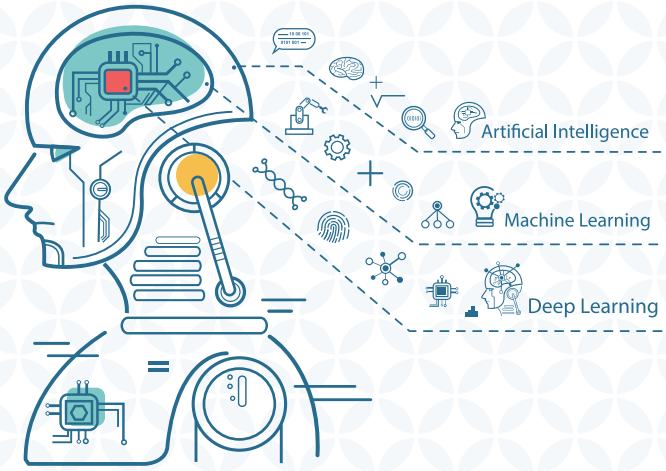
QUALIFI
SUCCESS THROUGH LEARNING
RECOGNISED WORLDWIDE

othm®
qualifications

CPD
CERTIFIED
The CPD Certification Service

Artificial Intelligence & Machine Learning :

From Fundamentals to Generative Models.
Building Intelligence that Ships, not just Demos.



AI & ML aren't magic – they're systems. The real gap in the market isn't "knowing TensorFlow" – it's in building, deploying, and maintaining models that work in production, adapt over time, and generate business value

This track is designed to move learners from data tinkering to model engineering, then to AI systems architecture – creating portfolio-ready projects that signal readiness for the AI economy.

Programme Levels

Level 1	:	Basic - Intermediate
	:	Duration : 3 months
Level 2	:	Intermediate - Advanced
	:	Duration : 6 months
Mode of Study	:	Campus/Online

Level 1 – Basic - Intermediate

Build core ML fluency – understand the key concepts, data workflows, and the math of learning.

Focus Areas:

- AI & ML Foundations: What they are, how they differ, and where they're used.
- Data Prep for AI: Cleaning, transforming, and splitting datasets.
- Math for ML: Linear algebra, probability, basic calculus in context.
- Supervised Learning Basics: Regression and classification with scikit-learn.
- Model Evaluation Essentials: Train-test split, accuracy, precision/recall.

Tools : Python, scikit-learn, Pandas, NumPy, Jupyter Notebook, Matplotlib, Seaborn

Output : Mini-project – Train and evaluate a simple supervised model, visualize results, & explain findings in plain English.

CAREER PROSPECTS

- AI/ML Intern
- Machine Learning Trainee
- Data Science Intern
- Predictive Analytics Intern
- AI Development Intern
- ML Research Intern
- Data Analytics Trainee
- AI Model Testing Intern
- Junior AI Engineer Trainee

Level 2 – Intermediate - Advanced

Move beyond running models to building, deploying, and maintaining scalable, high-impact AI systems that solve real-world problems at the forefront of innovation.

Focus Areas:

- Advanced Feature Engineering: Encoding, scaling, feature selection.
- ML Algorithms Deep Dive: Decision trees, random forests, SVMs, gradient boosting.
- Unsupervised Learning: Clustering, dimensionality reduction (PCA, t-SNE).
- Neural Network Fundamentals: Perceptrons, feedforward networks.
- Model Optimization: Cross-validation, hyperparameter tuning (Grid/Random/Bayes).
- ML in Practice: Pipelines, automation, and reproducibility.
- Intro to Deep Learning Frameworks: TensorFlow/Keras and PyTorch basics.
- Deep Learning Architectures: CNNs for vision, RNNs/LSTMs for sequences.
- Transformers & LLMs: Attention mechanisms, GPT/BERT architecture.
- Specialized Domains: NLP, computer vision, time series forecasting, reinforcement learning.

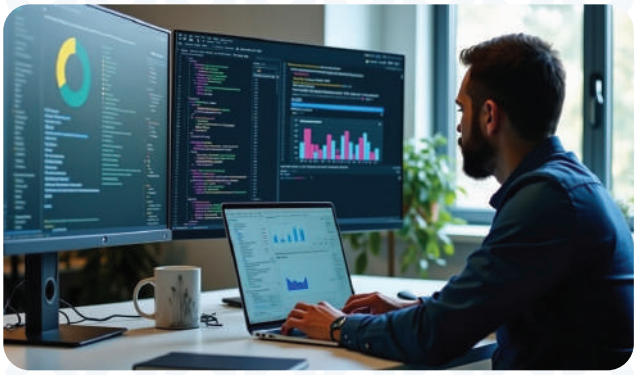
- AI Systems at Scale: Distributed training, model parallelism, cloud ML pipelines.
- MLOps: CI/CD for models, Dockerized deployments, model monitoring & drift detection.
- Ethical & Responsible AI: Bias mitigation, fairness metrics, compliance frameworks.
- AI + Emerging Tech: Combining AI with IoT, blockchain, or AR/VR for next-gen solutions.

Tools : Python, scikit-learn, TensorFlow/Keras, PyTorch, Hugging Face Transformers, MLflow, Spark MLlib, Power BI/Tableau, AWS/GCP/Azure AI Services, Docker, FastAPI/Flask.

Output : Capstone Final Project – An end-to-end, production-grade AI solution (e.g., LLM-powered assistant, vision-based analytics, or predictive system) with automated ML pipelines, an interactive results dashboard, cloud deployment, live API access, and performance monitoring.

CAREER PROSPECTS

- Associate AI/ML Engineer
- Junior Machine Learning Engineer
- Junior AI Developer
- AI Application Developer
- Junior Computer Vision Engineer
- MLOps Intern / Trainee
- Associate AI/ML Engineer
- AI Research Assistant
- Machine Learning Associate





Successful completion of our programme prepares you for the above-listed positions in multinational companies such as:

Google IBM Microsoft TESLA accenture NVIDIA Infosys Adobe Flipkart amazon

At Phoenix Graduate School, we support your journey beyond the classroom with internship opportunities and placement assistance.

Please note:

- Internship and placement support is available to students who successfully complete the programme.
- These are opportunities and not a placement guarantee, and are subject to the student's merit.
- Opportunities in MNCs require an advanced skillset, not just beginner-level knowledge or training.

Learn well. Upskill continuously. Be industry-ready.

WHAT IS INCLUDED IN THE COST OF MY COURSE?

✓ Learn from experienced UK-qualified faculty
✓ Hands-on Learning Experience
✓ Digital and printed course materials, modules & video tutorials
✓ Virtual & on-campus classes by the UK-qualified faculty
✓ One-on-one tutor support and mentoring
✓ Course delivery by industry experts
✓ Active online forums for collaborative learning
✓ Assignment evaluation with detailed feedback
✓ Dedicated placement assistance

COURSE FEE STRUCTURE



	Duration	Online Fee	Campus Fee
Beginners + Intermediate	3 Months	₹ **49,999**	₹ **49,999 + GST**
Advanced	6 Months	₹ **94,999**	₹ **94,999 + GST**

*Terms and Conditions Apply

PGS GLOBAL JOURNEY

Unlock your potential

Upskill, reskill or pursue a passion with short courses across every subject, whether you're a beginner or already an expert.



- Enrol in the AI Engineer programme
- Engage in learning with PGS Global
- Career-ready curriculum designed in line with global AI trends
- Acquire knowledge and skills in Data Science, AI/ML and Gen AI
- Earn UK Awarding Body Certificate
- Be industry-ready and future-fit
- Become a Certified AI Professional



PHOENIX GRADUATE SCHOOL

Corporate Office Address
PGS GLOBAL
Padma Jn. Chittoor Road,
Ernakulam, Kerala - 682035
+91 **97786 44966**, +91 **97786 44968**

Branch Office Address
PGS GLOBAL
4th Floor K. K Building, Thavakkkara,
New Bus Stand, Kannur, Kerala - 670001
+91 **92924 89158**, +91 **92923 47158**

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