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(57) Abstract :

The invention discloses a decentralized platform for secure online learning certification comprising an institution module (101), a learner wallet (102), a blockchain ledger (103), a verification module (104), and an interoperability API layer (105). Certificates are issued by institutions, anchored immutably on the blockchain ledger (103), and stored in learner wallets (102). Verification is enabled in real time via the verification module (104), ensuring tamper-proof, privacy-preserving, and universally accessible digital credentials. The platform ensures learner ownership, interoperability, and transparency across global educational and professional domains.

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