

TOT Program

Course Syllabus

Course Title: AI in PictoBlox

Prerequisites: none

Credit hours: 10 hours

Target audience: Trainers and Teachers

Course Description:

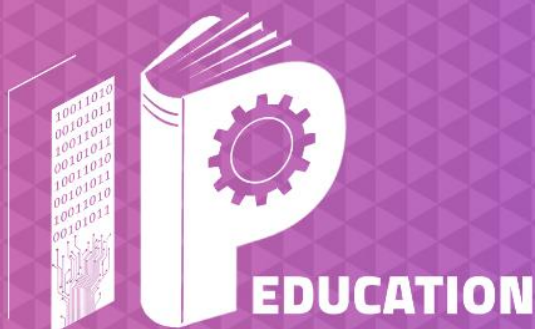
This course aims to qualify and empower educators with artificial intelligence principles and programming concepts through "PictoBlox" platform, enabling them to teach children and youth in a simplified, interactive, and engaging way.

- Enabling participants to effectively use the AI tools integrated into PictoBlox.
- Preparing trainers capable of designing and delivering interactive educational activities using Artificial Intelligence.
- Developing problem-solving skills and simplifying AI concepts for children and students.
- Empowering trainees to lead similar training workshops and transfer the acquired knowledge to other educators.

The Content	Duration (hour)
<p>Module 1: Introduction to the PictoBlox environment and programming interface</p> <p>Module 2: Artificial Intelligence tools within PictoBlox</p> <p>Module 3: Integrating camera, audio, and motion to create interactive experiences</p> <p>Module 4: Designing a fully integrated AI project within PictoBlox</p> <p>Module 5: Training AI models using data collected by the trainee</p> <p>Module 6: Trainer empowering</p>	10

Learning Outcomes: by the end of the course, the trainer/educator will have:

- Operating and using Artificial Intelligence tools within PictoBlox.
- Designing and implementing interactive projects that rely on image, text, or sound classification
- Training simple AI models using data collected within the platform
- Simplifying Artificial Intelligence concepts for school students in an engaging and practical way
- Preparing a complete training session to train teachers or students on PictoBlox
- Aligning AI projects with educational objectives.



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