**Press Release: Digital Technologies Institute Unveils Groundbreaking Generative AI Course for Schools**

**Brisbane, Australia – 16. September 2024** – The **Digital Technologies Institute** (DTI) is thrilled to announce the launch of the **Generative Artificial Intelligence (GenAI) Course**, a pioneering educational program aimed at equipping students with the skills and knowledge needed to navigate the rapidly evolving world of Artificial Intelligence (AI). Specifically designed for high school and tertiary students, this course offers a unique blend of theoretical instruction and hands-on experience, making AI accessible and engaging for young learners.

In line with the institute's mission to simplify digital technologies, the GenAI course introduces students to key AI concepts through the **MyComputerBrain™** platform, an advanced AI learning management system (LMS) that promotes interactive, safe, and responsible AI exploration.

**"This course is a game-changer for AI education in schools,"** said Dr Karsten Schulz, founder of the Digital Technologies Institute and creator of the GenAI Course. **"Our goal is not only to prepare students for future careers in AI-driven fields but also to nurture their curiosity and equip them with the skills needed to be responsible AI practitioners in an increasingly AI-dependent world."**

## Course Highlights:

- **SafeAI Integration:** One of the course's most innovative features is its **SafeAI** system, embedded within MyComputerBrain™. This ensures students can experiment with AI in a secure environment, free from the risks typically associated with AI development, such as data privacy concerns or harmful content generation.
- **Foundational AI Knowledge:** Students will delve into the history, key concepts, and future of AI, gaining a deep understanding of neural networks, machine

learning, and the cutting-edge models behind generative AI systems like Transformers and stable diffusion.

- **Hands-On Learning:** The course emphasises practical, real-world applications of AI. Through interactive exercises, students will build and train their own AI models, exploring use cases like biometrics for cybersecurity, AI-assisted medical simulations, and self-driving technologies.
- **Ethics and Responsible AI:** Recognising the profound societal impacts of AI, the course allows students to critically engage with issues around AI bias, privacy, and the importance of creating fair, transparent, and accountable AI systems.
- **Teacher Support & Learning Analytics:** The course provides extensive resources to educators, including explainer videos, lesson plans, and formative assessments. Through the MyComputerBrain™ dashboard, teachers can track student progress in real-time, leveraging detailed analytics to ensure optimal learning outcomes.

## Impact on Schools and AI Education:

The GenAI Course is designed to seamlessly integrate into the Australian school curriculum, aligning with key learning objectives in the **Australian Curriculum: Digital Technologies and Mathematics**. By offering scalable, age-appropriate AI education, DTI aims to foster early interest in STEM fields, providing students with the critical thinking, problem-solving, and technical skills needed in the future workforce.

**"We are preparing students not just to be passive consumers of AI but active creators and innovators,"** added Dr Schulz. **"This course empowers them with the tools and knowledge to develop AI systems that can positively impact society."**

By introducing **Generative AI** into schools, the Digital Technologies Institute is setting the stage for a new era of tech-savvy students who understand both the technical and ethical dimensions of AI. The course prepares students for the next

generation of jobs, where AI will play a critical role across industries, from healthcare and finance to education and entertainment.

**Teacher and Student Feedback:**

**Sharon Singh**, Head of e-Learning & Innovation at St John's Anglican College, and a leading voice in educational technology, piloted the course with her year 9 students: **"The interactive elements of the GenAI course have truly captivated the students. They enjoy the hands-on activities, particularly when it comes to building and experimenting with neural networks. This course is proving to be a fantastic way to introduce complex AI concepts in an approachable and engaging manner. I highly recommend it,"** said Singh.

Classroom testing has also shown high levels of engagement among students, who expressed excitement about learning how AI can be applied in everyday life. The interactive elements of the course, such as building neural networks and experimenting with AI models, received particularly positive feedback from the learners.

## Enrol Now:

The **Generative AI Course** is now open for schools across Australia and available on the **MyComputerBrain™ platform**. To learn more about the course or to enrol, visit MyComputerBrain.

**About the Digital Technologies Institute**
The Digital Technologies Institute (DTI), founded in 2016 by Dr Karsten Schulz, is a leader in digital education, creating innovative learning resources and professional development tools that make complex computer science concepts accessible to students and educators alike. Through its flagship platforms, like MyComputerBrain™, DTI aims to drive the future of AI education, fostering a generation of responsible and skilled digital innovators.

This updated version attributes the teacher feedback to Sharon Singh, a notable figure mentioned in the proposal.

Media contact:

enquiries@digital-technologies.insitute

**Learn More:**
Visit our websites:
**DTI:** Digital Technologies Institute
**MyComputerBrain:** MyComputerBrain
**DTI Classroom:** DTI Classroom