



## **BEST PRACTICES - II**

### **TPACK LEARNING MODEL (Technology, Pedagogy and Content Knowledge)**

**TPACK** is a framework that combines knowledge of technology, pedagogy, and content to enhance teaching and learning experiences. Here's how the mentioned activities align with the TPACK model:

**Activity-Based Learning:** This aligns with the pedagogical aspect of TPACK. It involves engaging students in hands-on activities to reinforce theoretical knowledge.

**Teaching and Learning through ICT Tools:** Integration of Information and Communication Technology (ICT) aligns with the technological aspect of TPACK. It involves using technology tools to enhance the teaching and learning process.

**Moodle:** This is a Learning Management System (LMS) that supports the organization and delivery of online learning materials. It contributes to both technological and pedagogical knowledge in the TPACK framework.

**M-Tutor:** Similar to Moodle, M-Tutor likely involves using mobile technology for tutoring, contributing to the technological aspect of TPACK.

**PPGIT - LMS:** Another Learning Management System, contributing to the organization and delivery of learning materials.

**MOOC (Massive Open Online Course):** This is an online course aimed at unlimited participation and open access via the web. It involves the use of technology in education, aligning with the technological aspect of TPACK.

**NPTEL (National Programme on Technology Enhanced Learning):** NPTEL provides e-learning through online Web and Video courses. It contributes to both technological and content knowledge in the TPACK framework.

**YouTube Videos:** This aligns with the technological aspect of TPACK, using online videos as a medium for content delivery.

**BYOD (Bring Your Own Device):** Involves students using their personal devices for learning, contributing to the technological aspect of TPACK.

The integration of these activities suggests a comprehensive approach that combines content knowledge, pedagogical strategies, and technological tools to enhance the overall



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learning experience. The positive impact on Anna University results may indicate that the TPACK model is effectively improving teaching and learning practices at PPG Institute of Technology.

S. No	Particulars	Link
1	Repository	
	Activity Based Learning	<a href="#">View Document</a>
	Teaching and Learning Through ICT Tools	<a href="#">View Document</a>
2	Moodle	
	M-Tutor	<a href="#">View Document</a>
	PPGIT - LMS	<a href="#">View Document</a>
3	MOOC	
	NPTEL	<a href="#">View Document</a>
	YouTube Videos	<a href="#">View Document</a>
4	BYOD	
	BYOD Bring Your Own Device	<a href="#">View Document</a>