**Topic:**

**Device:**

**Methodology:**

**Topic 1: Mind-control wheelchair**

**Device: Wheelchair, Servo Motors, Intel Board, Brain wave detector**

**Methodology:**

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**Topic 2: Quadcopters formation for propagation**

**Device: Quadcopters, Wireless communication module, Intel Board**

**Methodology:**

**\*/**

**Topic 3: Braille Translation**

**Device:**

**Methodlogy:**

**Topic 4: Spelling helper**

**Device: Touch Pad**

**Methodlogy:**

**Topic 5: Smart Walking Stick**

**Device: Sensors, Intel board.**

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**Topic 6: Augmented Reality Chess Game**

**Device: Glasses (for displayed), Chess board with sensor**

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**Topic 7: Digital Budai Puppet showing system**

**Device: Intel Board, Creative Camera.**

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**Topic 8: 裁判手势识别**

**Device: Intel Board, Creative Camera.**

**Topic 9.1: 旅行摄像机，手势控制**

**Device: Intel Board, Creative Camera，飞机**

**Topic 9.2: 旅行摄像三脚架，手势控制**

**Device: Intel Board, Creative Camera，飞机**

**Topic 10: 音乐指挥**

**Device: Intel Board, Creative Camera**

**Topic 11: 手势与沙画**

**Device: Intel Board, Creative Camera**

**Topic 12: 手势与雕刻**

**Device: Intel Board, Creative Camera**

**Topic 13:虚拟钢琴，创作模式，演奏模式（琴键预亮）**

**Device: Intel Board, Creative Camera**

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