

## INSTITUTION'S INNOVATION COUNCIL MOE'S INNOVATION CELL

**Institute Name:**

**Panimalar Engineering College**

**Title of the Innovation/Prototype:**

**VR Simulated Training**

**Team Lead Name:**

**Muthukumar Avudaiappan**

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**Team Lead Phone:**

**9025450044**

**Team Lead Gender:**

**Male**

**FY of Development:**

**2022-23**

**Developed as part of:**

**Academic Requirement/Study Project**

**Innovation Type:**

**Product,Process,Service**

**TRL LEVEL:**

**6**

**MRL Level:**

**MRL 6: Capability to produce a prototype system or subsystem in a production relevant environment**

**IRL Level:**

**IRL 7: Prototype High Fidelity MVP: Integrated Pilot Continuous Operation**

**Theme:**

**ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML.,Other Emerging areas Innovation for Startrup,Defence & Security,**

**Define the problem and its relevance to today's market / sociaty / industry need:**

**Military Training Problems**

**Describe the Solution / Proposed / Developed:**

**Simulation of military training using Virtual Reality for increased immersion and cost efficient**

**Explain the uniqueness and distinctive features of the (product / process / service) solution:**

**FIRST OF A KIND.**

**How your proposed / developed (product / process / service) solution is different from similiar kind of product by the competitors if any:**

**No**

**Is there any IP or Patentable Component associated with the Solution?:**

**Yes - IP not Filed**

**Has the Solution Received any Innovation Grant/Seefund Support?:**

No

**Are there any Recognitions (National/International) Obtained by the Solution?:**

No

**\*Is the Solution Commercialized either through Technology Transfer or Enterprise Development/Startup?:**

No

**Had the Solution Received any Pre-Incubation/Incubation Support?:**

No

**Video URL:**

<https://instagram.com/mk2xx2>

**Innovation Photograph:**

[View File](#)

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