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R.M.K Engineering College

HI PUNEETH RAM P,

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Select and Add Idea/Innovation/Start-up Details

◉ **Idea / Proof of Concept (PoC)**   ○ **Innovation / Prototype**

*Title (20 Words Max)	Title / Name (20 Words Max) * E-Verse (Revolutionizing e-waste management through innovation, education, and b **Total Number of words: 10 / 20**
*Developed as part of	Independent Assignment/Non-academic Study Project ▼
*Choose the Financial Year, during the Idea-PoC/Innovation Developed	2022-23 ▼
*Sector / Domain	Theme * Sustainable Enviroment ▼
*Innovation Type	Service ▼
*Development Stage - Technology Maturity of the Solution/Innovation in terms of Technology Readiness Level TRL (if applicable (Refer TRL Stages)	TRL 1 : Basic research. Principles postulated observed but no experimental pro... ▼
*Define the problem and its relevance to today's market / society / industry need (Max: 100 Words)	Define the problem and its relevance to today's market / society / industry need * In an era of rapid technological advancement, the proliferation of electronic devices has led to an alarming rise in electronic waste (e-waste). E-waste poses significant environmental and health hazards when not disposed of responsibly **Total Number of words: 34 / 100**
*Describe the Solution / Proposed / Developed (Max: 100 Words)	Describe the Solution / Proposed / Developed * Our idea is to create an innovative, multi-faceted platform that promotes responsible e-waste recycling, environmental education, and community engagement. We split our solution approach into three modules namely, **Total Number of words: 97 / 100**
*Explain the uniqueness and distinctive features of the (product / process / service) solution (Max: 100 Words)	Explain the uniqueness and distinctive features of the (product / process / service) solution * reward users for responsible e-waste disposal practices, encouraging environmental responsibility. Educational Metaverse: Our immersive educational metaverse offers users valuable insights into the environmental and health impacts of improper e- **Total Number of words: 96 / 100**

*How your proposed / developed (product / process / service) solution is different from similar kind of product by the competitors if any (Max: 100 Words)	How your proposed / developed (product / process / service) solution is different from similar kind of product... blockchain technology, incentivizes responsible disposal, setting us apart from rivals. We also introduce an immersive educational metaverse, delivering vital insights into the environmental and health consequences of improper e-waste disposal. By integrating accessibility across web and messaging platforms, we ensure a user-centric, informative, and environmentally conscious solution that **Total Number of words: 96 / 100**
*Is there any IP or Patentable Component associated with the Solution?	Yes - IP not Filed ▼
*Has the Solution Received any Innovation Grant/Seed fund 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 ▼
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