



Invention Disclosure Format (IDF)-B

Document No.	02-IPR-R003
Issue No/Date	2/01.02.2024
Amd. No/Date	0/00.00.0000

1. Title of the invention:

2. Field /Area of invention:

3. Prior Patents and Publications from literature (provide a table summarizing the prior art)

4. Summary and background of the invention (Address the gap / Novelty)

5. Objective(s) of Invention

6. Working principle of the invent (in brief)

7. Description of the invention in detail (Include drawing and or photograph as needed)

8. Experimental validation results:

9. What aspect(s) of the invention need(s) protection?

 VIT Vellore Institute of Technology <small>(Deemed to be University under section 3 of UGC Act, 1956)</small>	Invention Disclosure Format (IDF)-B	
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10. What is Technology readiness level of your invention? (Tick the appropriate TRL)

Research			Development			Deployment		
TRL 1	TRL 2	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
Basic Principles observed	Technology concept formulated	Experimental proof of concept	Technology validated in a lab	Technology validated in a relevant environment (industrially relevant in case of key enabling technologies)	Technology demonstrated in a relevant environment (industrially relevant in case of key enabling technologies)	System prototype demonstration in an operational environment	System complete and qualified	Actual system proven in an operational environment (competitive manufacturing in case of key enabling technologies, or in space)

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