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(57) Abstract :
A rescue assistive device for borewell, comprising a housing 1 configured with plurality of rods 2 providing support to housing 1 on a ground surface, a motorized wheel 3 attached with rods 2 for providing movement to housing 1, an artificial intelligence based imaging unit 4 installed on housing 1 for determining presence of a borewell in vicinity to housing 1, a telescopic bar 5 configured with a plank 6 for extending to position the plank 6 above the borewell, a telescopic column 7 suspended underneath plank 6 for extending to position a platform 8 attached with column 7 towards base of borewell, a weight sensor installed on the platform 8 for detecting accommodation of the victim on the platform 8, a FBG sensor mapped on platform 8 for detecting vital health parameters of user, a LED (Light Emitting Diode) strip 9 for illuminating light to notify user.

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