

III. Dark Solitons Generation Technique in the NLS System	Experimentally it is found that, under appropriate conditions and with a polarizer in the cavity apart from the bright pulse the fiber could emit single or multiple dark pulses. It can be explained based on numerical simulation that the dark pulse generation in the fiber laser is an outcome of the creation of the dark soliton using mode-locking technique.  Published in: 2022 International Conference on Intelligent Controller and Computing for Smart Power (ICICCSP)				
IV. Result and Discussion V. Conclusion					
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References	► ISBN Information:	Publisher: IEEE			
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Metrics	In the modern optical application field, fiber laser bring no-ficonvenience, reliability and compactness. Especially pulse widely for their benefits and numerous utility in medical scient and many more application areas. For understanding the princulcate a stimuli to explore various pulse evolutions by calculating for fiber laser which is demonstrated oped fiber laser dissipative four wave minimeresting result where researcher can start to monitor dark pulses has been analyzed experimentally in different of A CW of dark pulse of 80GHz repeating rate is generated in the pulse of 80GHz repea	iceable attention due to its attractive features like d operation of the fiber laser has been explored ence [1], [2], communication [3], [4], sensors [5], [6] ulse development in non-linear systems and to arefully managing the parameters, there is always a tinue Reading de-locking technique by erbium- gg-grating filter. This yields a very k pulse in mode locked laser [7]. Thenceforth, the conditions [7]–[10] and gained considerable attention.			

Authors	$\checkmark$
Figures	$\checkmark$
References	$\checkmark$
Keywords	$\checkmark$
Metrics	$\checkmark$

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