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Manuscript. Id.	Volu	ume 1Issue 1, September 2020, ISSN: (Online)	Page No.	
	Author	Ankita Mankar, Dr. D. R. Tutakane		
	Paper Title	Implementation of Three Phase Earth Leakage Circuit Breaker		
	Abstract: - An EC device with high e stray voltages of t circuit if a dangero circuit breaker (EC shock. An ELCB incoming mains por breaker detaches t currents of human o voltage seems acros off until manually currents from huma Keywords: - Earth	LB is one kind of safety device used for installing an electrical arth impedance to avoid shock. These devices identify small he electrical device on the metal enclosures and intrude the ous voltage is identified. The main purpose of Earth leakage CLB) is to stop damage to humans & animals due to electric is a specific type of latching relay that has a structure's wer associated through its switching contacts so that the circuit the power in an unsafe condition. The ELCB notices fault or animal to the earth wire in the connection it guards. If ample ss the ELCB's sense coil, it will turn off the power, and remain rearrange. A voltage sensing ELCB doesn't detect fault an or animal to the earth. leakage circuit breaker, Residual circuit breaker		
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	Author	Snehal A Ingewar Dr. D. R. Tutakane		
	Paper Title	Solar Inverter Connected With Grid		
CTEEE 002	Abstract: - A Solar converters the vari Panel into a Utility grid or used by a system (BOS) comp Photovoltaic (PV) s batteries to the A	r Inverter or PV inverter, is a type of electrical converter which able Direct Current (DC)output of a Photovoltaic (PV) Solar Frequency (AC) that can be fed into a Commercial electrical local, off-grid electrical network. It is a critical balance of ponent in a photovoltaic system, allowing solar inverter is equipment that converts the DC output of solar AC power which meets the requirements of the gird, its	5-8	

performance and quality are directly related to the photovoltaic effect on the public grid. Current national standard specifies only the requirements for protection and did not develop appropriate testing rules and procedures. This paper researched and developed the PV grid-connected inverter detects platform, analyzed the PV grid-connected inverter protective function and testing methods and procedures. We realized the PC integration of the system and the automatic test of the inverter by using Kingview software, to ensure the reliability and accuracy of test results, in addition, the host computer system has proved ease of use, stability and scalability.

Keywords: - photovoltaic power generation; photovoltaic grid-connected inverter; automatic detecting platform; king view..

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Reshma K.Kadu, Dr. D. R. Tutakane Author Paper Title Implementation OF Three Phase Variable Frequency Drive Abstract: - This paper is intended to provide a novel and simpler way of speed control three phase induction motor using simultaneous. The wide range control technique of three speed of induction motor has presented. With this technique the speed control is obtained by changing speed using simultaneous control of frequency and the three voltages which are spaced by 1200 with respect to each other at all frequency. The variable frequency drive works principle, it's the electronic controller specifically designed to change the frequency and control **CTEEE 003** signal voltage supplied to the controller and thereby the stator of three phase induction motor. Keywords: Variable Frequency Drive (VFD), Inverter, Induction Motor, Rectifier Reference 09-12 1. Robert G. Schieman, Edward A. Wilkes, and Howard E.Jordan, "Solid state control of Electric Drives", Proceeding of the IEEE, Vol. 62, No. 12,

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	Transactions on Industry Applications Vol 32 no 3 nn 646 652			
	May/June 1006			
	Author Ms Swarnita Gorakshnath Kale Prof Manoi Kumar			
	Paper Title A survey of ISL & PAPR reduction techniques in OEDM	13-18		
	Abstract: Orthogonal fraguency division multiplaying (OEDM) affectively	15-10		
	mitigates inter symbol interference (ISI) caused by the delay unfold of wireless			
	channels. The rise within the range of wireless devices and also the demand for			
	bigher information rates places on increasing demand on information macauna			
	This respectively the maximum of for a surger for the sector of the sect			
	This necessitates the requirement for communication systems with redoubled			
	turnout and capability. Multiple input multiple output orthogonal frequency			
	division multiplexing (MIMO-OFDM) is a way to satisfy this would like. OFDM			
	is employed in several wireless communication devices and offers high spectral			
	potency and resilience to multipath channel effects. Therefore, it's been utilized in			
	several wireless systems and adopted by varied standards. During this paper, we			
	tend to gift a comprehensive survey on OFDM for wireless communications			
CTEEE004	techniques for receiver planning as references. In telecommunications, orthogonal			
	frequency- division multiplexing (OFDM) is a method of encoding digital data on			
	multiple carrier frequencies. OFDM has developed into a popular scheme for			
	wideband digital communication, used in applications such as digital television			
	and audio broadcasting, DSL internet access, wireless networks, power			
	line networks, and 4G mobile communications. The main advantage of			
	OFDM over single-carrier schemes is its ability to cope with severe channel			
	conditions (for example, attenuation of high frequencies in a long			
	copper wire, narrowband interference and frequency-selective fading due to			
	multipath) without complex equalization filters Channel equalization is			
	simplified because OFDM may be viewed as using many slowly modulated			
	narrowhand signals rather than one ranidly modulated widehand signal. The low			
	symbol rate makes the use of a guard interval between symbols affordable			
	esympton rate manes me use of a guard interval between symptons allof(able.)			
	making it possible to aliminate inter such al interference (IC) and use of the			

time-spreading (in analog television visible as ghosting and blurring, respectively) to achieve a diversity gain, i.e. a signal-to- noise ratio improvement.

Keywords: - Channel estimation, frequency-offset estimation, inter carrier interference (ICI), multicarrier (MC), multiple input–multiple-output (MIMO) orthogonal frequency-division multiplexing (OFDM), peak-to-average power reduction, and time offset estimation

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	Author	Ms.Swarnita Gorakshnath Kale,Prof.Manoj Kumar		
	Paper Title	Spectral Emission Mask Shaping for OFDM in Cognitive		
	Abstract: Orthogo	Radios	10.25	
	by spectral efficience	cy. It enables flexible and agile spectrum allocation. But still it	19-23	
	lags as it suffers from spectral leakage in the form of large side lobes. It leads to			
	inter- channel inter	ference if not handled carefully.in proposed system spectral		
	emission mask system is implemented to combat spectral leakage and ultimately			
	avoiding adjacent c	hannel interference. A spectral mask, also known as a channel		
	mask or transmission mask is a mathematically-defined set of lines applied to the			
	levels of radio (or optical) transmissions. The spectral mask is generally intended			
	frequencies bevor	it the necessary bandwidth. The proposed system is		
	implemented over MATLAB platform using script language			
	Keywords: -	in the platform asing script language.		
	MATLAB. Spectra	al Mask, OFDM. Inter channel interference		
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