

## **POWER SYSTEMS**

<b>CODE.NO</b>	<b>PROJECT TITLES</b>	<b>YEAR</b>
<b>1</b>	Voltage Control with PV Inverters in Low Voltage Networks	<b>2017</b>
<b>2</b>	Unbalanced Control Strategy for A Thyristor-Controlled <i>LC</i> -Coupling Hybrid Active Power Filter in Three-Phase Three-Wire Systems	<b>2017</b>
<b>3</b>	Low-Capacitance Cascaded H-Bridge Multilevel STATCOM	<b>2017</b>
<b>4</b>	Simultaneous Micro grid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual Interfacing Converters	<b>2017</b>
<b>5</b>	A Comprehensive Design Approach of Power Electronic-Based Distributed Generation Units Focused on Power-Quality Improvement	<b>2017</b>
<b>6</b>	Voltage Flicker Mitigation Employing Smart Loads With High Penetration of Renewable Energy in Distribution Systems	<b>2017</b>
<b>7</b>	On the Application of Single-Phase Voltage Sag Compensators in Three-Phase Systems	<b>2017</b>

<b>8</b>	A Superconducting Magnetic Energy Storage Emulator/Battery Supported Dynamic Voltage Restorer	<b>2017</b>
<b>9</b>	Time-Varying and Constant Switching Frequency-Based Sliding-Mode Control Methods for Transformer less DVR Employing Half-Bridge VSI	<b>2017</b>
<b>10</b>	Series Compensator Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters	<b>2017</b>
<b>11</b>	Power Quality Enhancement for a Grid Connected Wind Turbine Energy System	<b>2017</b>
<b>12</b>	A Voltage Regulator for Power Quality Improvement in Low-Voltage Distribution Grids	<b>2017</b>
<b>13</b>	Hybrid Energy Storage System Micro Grids Integration For Power Quality Improvement Using Four Leg Three Level NPC Inverter and Second Order Sliding Mode Control	<b>2017</b>
<b>14</b>	Single-Phase to Three-Phase Unified Power Quality Conditioner Applied in Single Wire Earth Return Electric Power Distribution Grids	<b>2017</b>