

PRAGATI ENGINEERING COLLEGE

PAPERS PUBLISHED (EEE)- 2022-23

S.No.	Title of paper	Name of the author/s	Name of journal	A.Y.	ISSN number
1	A HYBRID MICROGRID OPERATED BY PV WIND AND DIESEL GENERATOR WITH ADVANCED CONTROL STRATEGY	Dr. K. Satyanarayana	International Journal on Recent and Innovation Trends in Computing and Communication	2022-23	2321-8169
2	A SYSTEM WITH UNINTERRUPTIBLE SOLAR ARRAYS, WIND AND BATTERIES THAT CAN OPERATE IN VARIOUS POWER MODES AND HAS IMPROVED POWER QUALITY	Dr. K. Satyanarayana	Journal of Engineering Sciences	2022-23	0377-9254
3	ENHANCEMENT OF GRID-CONNECTED SOLAR PV SYSTEM POWER QUALITY USING ADAPTIVE NOISE REDUCTION MANAGEMENT AND FREQUENCY CONTROL LOOP	Dr. A. Mohan Durga Kumar	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
4	A GRID INTERACTIVE SYSTEM WITH HYBRID PV WIND AND BESS COGENERATION SYSTEM	Mr. M. Mami Shankar	The International journal of analytical and experimental modal analysis	2022-23	0886-9367
5	A HYBRID CONVERTER FOR A PV CHARGING STATION WITH ADVANCED CONTROL STRATEGIES	Mrs. K. Devi	Journal of Interdisciplinary Cycle Research	2022-23	0022-1945
6	AN ADPTIVE TECHNIQUE TO IMPROVE LVRT IN MICROGRID SYSTEMS USING SFCL	Ms. P. Varalakshmi	Science, Technology and Development	2022-23	0950-0707
7	AN ADVANCED PV SUPPORTED DVR WITH ENERGY OPTIMISATION TECHNIQUE	Ms. M. Manga Lakshmi	Journal of Engineering Sciences	2022-23	0377-9254
8	A MULTI PORT CONVERTER WITH FLEXIBLE ENERGY CONVERSION IN DIFFERENT DRIVING MODES APPLICATION IN SRM'S	Mr. K. Siva Sankar	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
9	A FUZZY LOGIC CONTROL APPLICATION FOR THE EV CHARGING STATION SUPPORTED BY PV BESS AND DIESEL GENERATOR	Mr. K. V. Durga Prasad	The International journal of analytical and experimental modal analysis	2022-23	0886-9367
10	ANovel CONTROL TECHNIQUE IMPLEMENTATION IN MICROGRIDS FOR HARMONIC CONTROL WITH PQ IMPROVEMENT FEATURES	Mr. M. Ravi Kumar	Journal of Interdisciplinary Cycle Research	2022-23	0022-1945

11	A PV BESS SUPPORTED SERIES ACTIVE FILTER WITH POWER QUALITY IMPROVEMENT FEATURES	Ms. P. Sandhya	Science, Technology and Development	2022-23	0950-0707
12	REFRIGERATION LOADS SUPPORTED BY PMSM OPERATION SUPPLIED BY PV WITH ADVANCED CONTROL STRATEGIES FOR ISLANDED AREAS	Mr. D. Prakasa Rao	Journal of Engineering Sciences	2022-23	0377-9254
13	A SEPIC CONVERTER APPLICATION IN WIND POWER DEVICES TO EXPAND THE SPEED RANGE OF DUAL-STATOR WINDING INDUCTION GENERATORS	Mr. S Nani Babu	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
14	BALANCE BETWEEN VOLTAGE AND POWER USING MULTILEVEL CASCADED H-BRIDGE INVERTERS FOR MICROGRID USING A NOVEL THREE-PHASE SOLID-STATE TRANSFORMER	Dr. K. Satyanarayana	Journal of Engineering Sciences	2022-23	0377-9254
15	AN ADVANCED WIRELESS CHARGING TOPOLOGY FOR EV'S WITH IPT TECHNIQUE WITH LOSS LESS OPERATION	Dr. G. Naresh	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
16	APPLIED IN SINGLE WIRE GROUND RETURN ELECTRIC POWER DISTRIBUTION GRIDS: SINGLE-PHASE TO THREE-PHASE UNIFIED POWER QUALITY CONDITIONER	Mrs. K. Devi	The International journal of analytical and experimental modal analysis	2022-23	0886-9367
17	A NOVEL CONTROL TECHNIQUE APPLIED IN MMC DC-DC CONVERTER	Mr. M.Mani Shankar	Journal of Interdisciplinary Cycle Research	2022-23	0022-1945
18	AN ADAPTIVE TECHNIQUE FOR GRID FREQUENCY CONTROL WITH RENEWABLE ENERGY SOURCES AND EV CHARGING CONTROLS	Mr. K V V Durga Prasad	Science, Technology and Development	2022-23	0950-0707
19	A PV BESS SUPPORTED UPQC WITH POWER QUALITY IMPROVEMENT FEATURES	Ms. P. Vara Lakshmi	Journal of Engineering Sciences	2022-23	0377-9254
20	POWER QUALITY IMPROVEMENT OF A WEAK GRID WITH PV SUPPORT USING NORMALIZED LAPLACIAN KERNEL ADAPTIVE KALMAN FILTER AND FUZZY BASED MPPT ALGORITHM	Mr. Nani Babu	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
21	AN IMPROVED VOLTAGE BALANCING CONTROL AND NEW MODULATION METHOD FOR MODULAR MULTILEVEL CONVERTERS	Mr. Ravikumar Mutyala	The International journal of analytical and experimental modal analysis	2022-23	0886-9367
22	AN MPC CONTROLLER APPLIED TO HESS SUPPORTING THE MICROGRID	K. V. Durga Prasad	Journal of Interdisciplinary Cycle Research	2022-23	0022-1945

23	A FUZZY APPLICATION TO EV CHARGING STATIONS EMPLOYING MULTI-PORT CONVERTER WITH MULTI-DIRECTIONAL POWER FLOW CAPABILITIES	Mr. K.Siva Shankar	Science, Technology and Development	2022-23	0950-0707
24	A NOVEL CONTROL SCHEME FOR A PV WIND SUPPORTED STATCOM FOR INCREASING GRID POWER TRANSMISSION LIMITS DURING NIGHT AND DAY	Mr. M. Mami Shankar	Journal of Engineering Sciences	2022-23	0377-9254
25	A VECTOR CONTROL THEORY APPLIED IN A GRID CONNECTED BLDC DRIVE WITH PV WITH ADVANCED MPPT SUPPORT	Mr. D.Prakasa Rao	International Journal for Advanced Research in Science and Technology	2022-23	2457-0362
26	AN ADVANCED CONTROL TECHNIQUE TO IMPROVE THE POWER QUALITY IN WEAK GRID SUPPORTED BY RENEWABLE ENERGY SOURCES	Ms. P. Varalakshmi	The International journal of analytical and experimental modal analysis	2022-23	0886-9367
27	INDEPENDENT MPPT AND VOLTAGE REGULATION OF DUAL INPUT DC - DC CONVERTER WITH A VOLTAGE MULTIPLIER CELL	Mohan Appikonda	Taylor & Francis	2022-23	1556-7036
28	DESIGN OF DOUBLE-INTEGRAL SLIDING-MODE CONTROLLER FOR FOURTH-ORDER DOUBLE INPUT DC - DC BOOST CONVERTER WITH A VOLTAGE MULTIPLIER CELL	Mohan Appikonda	Taylor & Francis	2022-23	1362-3060