VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

Department of Electrical and Electronics Engineering

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Patents Filed

S. No	Name of the Faculty	Title	Application Number	Date of Filing
1.	Dr.H S Jain	[1] Gas insulated hybrid transmission line with auxiliary shield, M. Mohana Rao and Dr. H. S. Jain [2] A hybrid gas insulated transmission line, M. Mohana Rao and Dr. H. S. Jain [3] An improved gas filled surge arrestor with fast response time, Dr. M. Mohana Rao and Dr. H. S.Jain [4] A modular gas-oil bushing assembly for direct connection of a gas insulated electrical power equipments, Dr. H. S. Jain, M. Mohana Rao, P. P. Varadacharyulu and S. Satyanarayana. [5] A nozzle of improved thermal and dielectric capabilities for sulphur hexa-fluoride (SF6) puffer interrupters, Dr. H. S. Jain, S. K. Padhee [6] An SF6 puffer interrupter, Dr. H. S. Jain, S. Vinaya Kumar [7] An improved plug-in surge arrester for electrical sub-station application, M. Mohana Rao, Dr. H. S. Jain [8] An improved gas insulated substation (GIS) disconnector switch, Dr. M. Mohana Rao , Dr. H. S. Jain [9] A novel two-stage blast interrupter for gas circuit breaker application, Dr. M. Mohana Rao, Dr. H. S. Jain [10] A novel universal spherical connector for metal-clad, compact gas insulated substation equipment, Dr. M. Mohana Rao, Dr. H. S. Jain. [11] A novel radially vented interrupter for gas circuit breaker application, Dr. M. Mohana Rao, Dr. H. S. Jain. [12] Hybrid stepper motor drive with optimized rotor stack for circuit breaker application, C. G. Vijaybalan, S. Nagesh Kumar, S. Vinaya		

		Kumar, Dr. H. S. Jain, K. Sambasiva Rao, K. Nagachandar & Dr. U. K. Choudhury. [13] A method of producing superconducting coil particularly adaptable to high temperature superconducting transformers, Dr. H. S. Jain, R. K. Sharma. [14] High impedance high voltage winding of potential transformer for ac transmission systems, Dr. M.Mohana Rao, Dr. H. S. Jain. [15] Gas circuit breaker with movable shield for improvement of interrupting capabilities, Dr. M. Mohana Rao, Dr. H. S. Jain [16] An inter stage metallic device for improvement of surge arresters, Dr. M. Mohana Rao, Dr. H. S. Jain [17] Extra high voltage gas circuit breakers with improved capabilities of interruption, Dr. M. Mohana Rao, Dr. H. S. Jain [18] Improvement of resistance and surface potentials of high voltage substation grounding system using a novel conductor system concealed in concrete foundation, Dr. M. Mohana Rao, Dr. H. S. Jain. [19] A novel insulating nozzle for dual motion interrupters, Dr. M. Mohana Rao, Dr. H. S. Jain [20] Support insulator with electrostatic field controlled shields for gas insulated systems, Dr. M. Mohana Rao, Dr. H.S. Jain, S. Satyanarayana & PP Varadacharyulu. [21] An improved insulated arcing chamber assembly for SF6 gas circuit breaker with integrated shielding electrodes, Dr. M. Mohana Rao, Dr. H.S. Jain [22] Software to Optimize Grounding grid Design of High Voltage Substations (copyright), Dr. M. Mohana Rao, Dr. H.S. Jain.		
2	Dr.K Venkat Raman	Analog signal aquisitation card for ADC channel enhancement in FPGA boards to suit for PE applications	2314/CHE/2014	09/05/2014
3	Dr.K Jai Ganesh	Performance Enhanced glass to glass solar PV panel combined with solar water heater	2862/CHE/2014	2014
4	Md.Asif	Accident Suraksha	201841024721A	20/07/2018