

TITLE	MAIN INVENTOR	AFFILIATION	TYPE OF IP	TECHNOLOGY DOMAIN
A WIND-SOLAR PHOTOVOLTAIC-BATTERY ENERGY STORAGE BASED HYBRID AC/DC MICROGRID AND AN OPERATION THEREOF	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
FIELD-EFFECT TRANSISTOR DEVICE AND A METHOD OF FABRICATION THEREOF	PROF. SAMARESH DAS	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Sensors and MEMS
SYSTEM FOR SYNCHRONIZING A THREE-PHASE SINGLE STAGE SOLAR ASSEMBLY WITH A POWER GRID	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
SINGLE PHASE SINGLE STAGE ISOLATED BIDIRECTIONAL CONVERTER FOR DC_LINK CAACITOR REDUCTION	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
AN IMPROVED VENTILATION EXHAUST FAN	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
PROCESS FOR PRODUCING RECOMBINANT HUMAN PARAOXONASE 1 PROTEIN	PROF. TAPAN KUMAR CHAUDHARI	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Life Sciences
SYSTEM FOR WIND BASED ELECTRIC POWER GENERATION, STORAGE AND UNINTERRUPTED DISTRIBUTION UNDER NORMAL AND FAULTY POWERGRID CONDITIONS	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
MECHANICAL POSITION/SPEED SENSORLESS MULTIPOINT SWITCHED RELUCTANCE MOTOR DRIVE FOR A SOLAR IRRIGATION PUMP	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
PRIMERS SETS,KIT AND APPLICATIONS THEREOF	PROF. VIVEKANANDAN PERUMAL	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Healthcare
A SINGLE-PHASE RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEM WITH GRID SYNCHRONIZATION	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
A COMBINED TENSION AND COMPRESSION SPLIT HOPKINSON PRESSURE BAR FOR HIGH STRAIN RATE MATERIAL TESTIN	PROF. NARESH BHATNAGAR	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Motor and Machines

PROCESS FOR PREPARATION OF NON-FLUORINATED HYDROCARBON BASED SURFACTANTS	PROF. BHUVANESH GUPTA	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Textiles
METHOD FOR VACUUM PACKAGING OF MEMS SENSORS USING PORE FILLED GETTER	PROF. BHASKAR MITRA	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Sensors and MEMS
SYSTEM AND METHOD FOR PROVIDING ENERGY MANAGEMENT IN COMMUNICATION NETWORK	PROF. SWADES DE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
SOLID OXIDE ELECTROCHEMICAL CELL WITH CATHODE AS METAL OXIDES AND FABRICATION PROCESS THEREOF	PROF. SUDDHASATWA BASU	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Fabrication
LIQUID CRYSTAL-BASED ELECTRICALLY DRIVEN MULTIDIRECTIONAL LASER BEAM STEERING DEVICE	PROF. ALOKA SINHA	DEPARTMENT OF PHYSICS	PATENT	Optics and photonics
MICROREACTOR WITH PERMEABLE ELECTRODES FOR PURE HYDROGEN GENERATION	PROF. SUDDHASATWA BASU	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Renewable Energy
HOMOGENOUS MIXING AND CONTROLLED EJECTION OF MIXTURES OF PARTICULATE MATTER	PROF. SUNIL JHA	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Motor and Machines
NOVEL ACTIVATION FUNCTION WITH HARDWARE REALIZATION FOR RECURRENT NEUROMORPHIC NETWORKS	PROF. MANAN SURI	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
ENHANCED BRIGHTNESS SOLUTION-PROCESSED INORGANIC ABX <sub>3</sub> PEROVSKITE LEDS USING A PEG-PVP ADDITIVE	PROF. MADHUSUDAN SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Optics and photonics
MICROFLUIDIC ANALYSER FOR IN-VITRO BIOSENSING AND DIAGNOSTICS	PROF. RAVIKRISHNAN ELANGO VAN	DEPARTMENT OF BIOCHEMICAL ENGINEERING AND BIOTECHNOLOGY	PATENT	Healthcare
RESINS FOR APPLICATION ON TEXTILES	PROF. ASHWINI KUMAR AGRAWAL	DEPARTMENT OF TEXTILE	PATENT	Textiles

		AND FIBRE ENGINEERING		
FRAMEWORK FOR QUANTITATIVE PENUMBRA ESTIMATION FROM SWI-MRI IN PATIENTS WITH ACUTE STROKE	PROF. ANUP SINGH	CENTRE FOR BIOMEDICAL ENGINEERING	COPYRIGHT	Healthcare
DEVELOPMENT OF A METHOD FOR SIMULTANEOUS REDUCTION OF NITROGEN OXIDES AND HYDROCARBON EMISSIONS FROM AN INTERNAL COMBUSTION ENGINE	PROF. DIVESH BHATIA	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Environment
SINGLE DC SOURCE BASED THREE PHASE HIGH RESOLUTION MULTILEVEL INVERTER SYTEM AND ITS METHOD THEREOF	PROF. SUMIT KUMAR CHATTOPADHYAY	DEPARTMENT OF ENERGY SCIENCE AND ENGINEERING	PATENT	Motor and Machines
PRINTED CIRCUIT BOARD ANTENNA AND METHOD OF DESIGNING THEREOF	PROF. SHIBAN KISHEN KOUL	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Communication
HIGH EFFICIENCY DC-AC CONVERTER TOPOLOGY	PROF. SOUMYA SHUBHRA NAG	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Electric Vehicles
PROCESS FOR DEVELOPING INOCULUM AND FUNGAL MYCELIAL BIOMASS OF CALOCYBE INDICA	PROF. SATYAWATI SHARMA	CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY	PATENT	Life Sciences
A CYCLOADDUCT PRODUCT AND A PROCESS FOR ITS SYNTHESIS THEREOF	PROF. RAVI P SINGH	DEPARTMENT OF CHEMISTRY	PATENT	Life Sciences
SWITCHED RELUCTANCE MOTOR FOR ENERGY EFFICIENT INDUSTRIAL EXHAUST FAN	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Power Generation and Distribution
A SENSORLESS SPEED CONTROL SYSTEM FOR SUBMERSIBLE INDUCTION MOTOR	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Power Generation and Distribution
THREE-DIMENSIONAL STORAGE MEDIUM AND A METHOD FOR THERMAL MANAGEMENT BASED ON LOW POWER STATE	PROF. PREETI RANJAN PANDA	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Communication
A PROCESS FOR PREPARATION OF A BIOCOMPOSITE MATERIAL	PROF. DIPAYAN DAS	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Environment

A METHOD FOR SELECTING MULTI-ACCESS EDGE COMPUTING HOST (MECH) AND A SYSTEM THEREOF	PROF. HUZUR SARAN	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Communication
A SYSTEM FACILITATING HEALTH MONITORING AND A METHOD THEREOF	PROF. VIJAYRAGHAVAN M CHARIAR	CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY	PATENT	Healthcare
A SYSTEM FOR ANONYMIZING CAMERA WEARER'S IDENTITY IN AN EGOCENTRIC VIDEO AND A METHOD THEREOF	PROF. CHETAN ARORA	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Smart Technologies
BUCKLING INHIBITED ALUMINIUM SHEAR YIELDING DAMPER	PROF. DIPTI RANJAN SAHOO	DEPARTMENT OF CIVIL ENGINEERING	PATENT	Civil/Structural Engineering
DUAL SENSITIVE POLYMERIC NANOPARTICLES	PROF. NEETU SINGH	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
POLYMER COATED METAL PARTICLES AND SYNTHESIS METHOD THEREOF	PROF. KUNTAL MANNA	DEPARTMENT OF CHEMISTRY	PATENT	Life Sciences
A METHOD AND AN APPARATUS FOR WIRELESS INFORMATION AND ENERGY TRANSFER USING DISTRIBUTED BEAMFORMING	PROF. SWADES DE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
A SYSTEM FOR CONTROLLING SOLAR PV ARRAYS	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
A PHOTO-BIOREACTOR WITH CLOSED RECIRCULATION OF FLUID FOR SIMULTANEOUS CULTIVATION OF PHOTOSYNTHETIC MICRO-ORGANISMS AND CONSERVATION OF NUTRIENTS AND A METHOD THEREFOR	PROF. ANUSHREE MALIK	CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY	PATENT	Biotech/Life Sciences Processes
A METHOD FOR ALLOCATING CHANNELS FOR LDPC CODES AND A SYSTEM THEREOF	PROF. ABHISHEK DIXIT	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
SELF-GENERATED LUBRIFICIOUS TRIBOLOGICAL COATINGS FROM AN AQUEOUS DISPERSION OF GRAPHENE OXIDE FOR GLASS SURFACES	PROF. NITYA NAND GOSVAMI	DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING	PATENT	Renewable Energy

PERSONAL WEAR ABSORBENT ARTICLE	PROF. SABYASACHI PALDAS	DEPARTMENT OF DESIGN	PATENT	Environment
AT ASSISTECH	PROF. PARIGI VEDANTI MADHUSUDHAN RAO	DEPARTMENT OF DESIGN	TRADEMARK	Assistive Technologies
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AT ASSISTECH	PROF. PARIGI VEDANTI MADHUSUDHAN RAO	DEPARTMENT OF DESIGN	TRADEMARK	Assistive Technologies
A WIND POWERED ENERGY GENERATING SYSTEM AND METHOD THEREOF	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
A MICROGRID CONTROL FRAMEWORK FOR PREVENTING POWER BLACKOUTS	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Power Generation and Distribution
POLLUTION MONITORING SYSTEM AND METHOD THEREOF	PROF. SHOURI CHATTERJEE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Environment
SYSTEM AND METHOD FOR OPTIMIZING DATA TRANSMISSION IN A COMMUNICATION NETWORK	PROF. SWADES DE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
A SYSTEM FOR OPTIMIZING ENERGY TRANSMISSION AND A METHOD THEREOF	PROF. SHOURI CHATTERJEE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
A METHOD AND SYSTEM OF PARTICLE IMAGE VELOCIMETRY	PROF. MURALI RAMAN CHOLEMARI	DEPARTMENT OF APPLIED MECHANICS	PATENT	Smart Technologies

REUSABLE SANITARY NAPKIN	PROF. SABYASACHI PALDAS	DEPARTMENT OF DESIGN	DESIGN	Environment
REUSABLE PANTY LINER	PROF. SABYASACHI PALDAS	DEPARTMENT OF DESIGN	DESIGN	Environment
SYSTEM AND METHOD FOR MAKING ELECTRO-CONDUCTIVE FABRIC	PROF. DIPAYAN DAS	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Textiles
A HYBRID WATER PUMPING SYSTEM	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
AN APPARATUS FOR DEVELOPING CERAMIC COATING AND A METHOD THEREOF	PROF. DEEPAK KUMAR	CENTRE FOR AUTOMOTIVE RESEARCH AND TRIBOLOGY	PATENT	Environment
3-D STORAGE MEDIUM AND METHOD PROVIDING THERMAL MANAGEMENT	PROF. PREETI RANJAN PANDA	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Textiles
MOBILE SYSTEM FOR PROCESSING ORGANIC WASTE MATTER	PROF. VIJAYRAGHAVAN M CHARIAR	CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY	PATENT	Environment
BIOMASS COOKING STOVES	PROF. SUSHIR KUMAR TYAGI	CENTRE FOR ENERGY STUDIES	PATENT	Renewable Energy
A SYSTEM FOR MONITORING AND CONTROL OF CHROMATOGRAPHY	PROF. ANURAG S RATHORE	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Healthcare
NOVEL PH RESPONSIVE BIODEGRADABLE POLYESTERS	PROF. JOSEMON JACOB	DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING	PATENT	Environment
AN AUTOMATED INSTRUMENT AND MICROFLUIDIC CHIP FOR IMPROVED AND RAPID TESTING OF NUCLEIC ACID	PROF. SANDEEP KUMAR JHA	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Life Sciences
A SINGLE PHASE GRID INTERACTIVE SYNCHRONOUS RELUCTANCE MOTOR DRIVEN MULTIPURPOSE AND MULTIFUNCTIONAL SOLAR WATER PUMP	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines

ECO-FRIENDLY AND COPPER FREE FRICTION MATERIALS, BRAKE PADS AND SHOES	PROF. JAYASHREE BIJWE	INDUSTRIAL TRIBOLOGY, MACHINE DYNAMICS AND MAINTENANCE ENGINEERING CENTRE (ITMMEC)	PATENT	Motor and Machines
A SYSTEM AND METHOD FOR DETECTING, TRACKING AND CLASSIFICATION OF ACTIVITY OF A SUBJECT	PROF. SHIBAN KISHEN KOUL	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Communication
GRIPPER TO GRASP OBJECT BY INTERNAL SURFACE INTERACTION	PROF. JITENDRA PRASAD KHATAIT	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Motor and Machines
TRANSGLUTAMINASE NANOFLOWERS	PROF. SUNIL KUMAR KHARE	DEPARTMENT OF CHEMISTRY	PATENT	Life Sciences
TRANSGLUTAMINASE NANOFLOWERS	PROF. SUNIL KUMAR KHARE	DEPARTMENT OF CHEMISTRY	PATENT	Life Sciences
A RETROFITTED SMART ENERGY METERING DEVICE, METHOD AND A SYSTEM THEREOF	PROF. BIJAYA KETAN PANIGRAHI	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
AN INTELLIGENT SUPERVISORY EV CHARGING ARCHITECTURE TO ENABLE CONTINUOUS CHARGING WITH GRID INTERMITTENCY	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Electric Vehicles
MOVING CAR POLLUTION DETECTION DEVICE	PROF. SRI HARSHA KOTA	DEPARTMENT OF CIVIL ENGINEERING	DESIGN	Environment
SURGE TANK BASED SYSTEM FOR AUTOMATED OPERATION AND CONTROL OF CONTINUOUS BIOPHARMACEUTICAL MANUFACTURING	PROF. ANURAG S RATHORE	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Life Sciences
METHOD IN BLOCKCHAIN SYSTEMS FOR FAST STABILIZATION INCREASED RESPONSIVENESS	PROF. VINAY JOSEPH RIBEIRO	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Communication
FOR A TURBINE BASED LOW-COST VENTILATOR/HI-FLOW NASAL CANNULA	PROF. PARIGI VEDANTI MADHUSUDHAN RAO	DEPARTMENT OF DESIGN	DESIGN	Healthcare

A NOVEL PEPTIDOMIMETIC COMPOUND-BASED INHIBITION OF DIALYSIS RELATED BETA-2-MICROGLOBULIN AMYLOIDOSIS	PROF. TAPAN KUMAR CHAUDHARI	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Life Sciences
A HYBRID POWERED AIR CONDITIONING SYSTEM	PROF. SUKUMAR MISHRA	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Power Generation and Distribution
BIOMARKERS, KIT AND APPLICATIONS THEREOF	PROF. BISHWAJIT KUNDU	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Healthcare
BIMETALLIC GRAPHITIC CARBON NITRIDE FOR PHOTOELECTRODE AND PREPARATION METHOD THEREOF	PROF. ASHOK NIWRITTI BHASKARWAR	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Fabrication
CYTOCOMPATIBLE AND INFECTION-RESISTANT POLYMERIC SCAFFOLDS AND METHODS THEREOF	PROF. SAMPA SAHA	DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING	PATENT	Healthcare
SYSTEM FOR ENHANCING DRIVING RANGE OF A LIGHT ELECTRIC VEHICLE BASED ON SYNCHRONOUS RELUCTANCE MOTOR	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Electric Vehicles
SHOULDER IMPLANT	PROF. DINESH KALYANASUNDAR AM	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
A SYSTEM FOR MODULATING A BRUSHLESS DC MOTOR AND ITS METHOD OF OPERATION THEREOF	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
A METHOD FOR SEMI-ACTIVE VIBRATION CONTROL OF STRUCTURES	PROF. VASANT MATSAGAR	DEPARTMENT OF CIVIL ENGINEERING	COPYRIGHT	Civil/Structural Engineering
A POROUS CATALYST COMPOSITION AND PROCESSES THEREOF	PROF. KAMAL KISHORE PANT	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Material Science
HYBRID OXYGEN SYSTEM USING PASSIVE AND ACTIVE SYSTEMS	PROF. DIVESH BHATIA	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Material Science
PROCESS FOR DE-LAMINATING FLEXIBLE MULTILAYER LAMINATES	PROF. JAYANT JAIN	DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING	PATENT	Communication
APPLIANCES CONTROL DEVICES	PROF. ASHU VERMA	CENTRE FOR ENERGY STUDIES	PATENT	Motor and Machines

PROCESS FOR PRODUCING FLUOROPOLYMERS USING 2-ALKOXYACETATE SURFACTANTS	PROF. BHUVANESH GUPTA	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Material Science
METAL-ORGANIC FRAMEWORK CATALYSTS, METHOD FOR PREPARATION THEREOF AND PROCESS OF DIRECT OXIDATION USING THE SAME	PROF. KUNTAL MANNA	DEPARTMENT OF CHEMISTRY	PATENT	Material Science
SYSTEM AND METHOD FOR IMPROVING STEREO VISION ACCURACY	PROF. SMRUTI RANJAN SARANGI	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Smart Technologies
SUB-TERAHERTZ APPARATUS AND METHOD FOR SUBSURFACE MALIGNANT TISSUE IMAGING	PROF. SHIBAN KISHEN KOUL	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Healthcare
CROAM ON,CRIME OFF	PROF. LALAN KUMAR	DEPARTMENT OF ELECTRICAL ENGINEERING	TRADEMARK	Communication
CROAM	PROF. LALAN KUMAR	DEPARTMENT OF ELECTRICAL ENGINEERING	TRADEMARK	Communication
B-REPORTER	PROF. LALAN KUMAR	DEPARTMENT OF ELECTRICAL ENGINEERING	TRADEMARK	Communication
B-REPORTER LOGO	PROF. LALAN KUMAR	DEPARTMENT OF ELECTRICAL ENGINEERING	TRADEMARK	Communication
MY NEWS,MY REPORT	PROF. LALAN KUMAR	DEPARTMENT OF ELECTRICAL ENGINEERING	TRADEMARK	Communication
COMPILER-OPERATION IN A COMPUTING SYSTEM AND METHOD THEREOF	PROF. SORAV BANSAL	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	PATENT	Communication
C-TYPE MAGNET TOPOLOGY FOR A PERMANENT MAGNET BRUSHLESS DC MOTOR	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
A STRUCTURE OF FREQUENCY SELECTIVE SURFACE FOR MULTIBAND SPATIAL FILTERING AND BROADBAND POLARIZATION CONVERSION	PROF. SHIBAN KISHEN KOUL	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Communication

METHOD OF DESIGNING WINDOWS AND DOORS AND SYSTEM THEREOF	PROF. N M ANOOP KRISHNAN	DEPARTMENT OF CIVIL ENGINEERING	PATENT	Sensors and MEMS
A WIND, SOLAR, DG AND BES BASED ISOLATED MICROGRID WITH COORDINATED CONTROL FOR REMOTE REGIONS	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
PROCESS FOR PRODUCING FLUOROPOLYMERS USING 2-ALKOXYACETATE SURFACTANTS	PROF. BHUVANESH GUPTA	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Material Science
ORTHOPEDIC SCREW	PROF. DINESH KALYANASUNDAR AM	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
HUMAN HEEL SURROGATE FOR BAREFOOT SLIP RISK ASSESSMENT	PROF. ARNAB CHANDA	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
ELECTROCHEMICAL PREPARATION METHOD FOR VANADIUM ELECTROLYTE AND ITS APPLICATION THEREOF	PROF. ANIL VERMA	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Energy Management
SINGLE TOWER WITH MIRROR REFLECTION	PROF. DALIP SINGH MEHTA	DEPARTMENT OF PHYSICS	DESIGN	Motor and Machines
DOUBLE TOWER WITH MIRROR REFLECTION	PROF. DALIP SINGH MEHTA	DEPARTMENT OF PHYSICS	DESIGN	Motor and Machines
TRIPLE TOWER WITH MIRROR REFLECTION	PROF. DALIP SINGH MEHTA	DEPARTMENT OF PHYSICS	DESIGN	Motor and Machines
BASE FOR MECHANICAL TRACKING SOLAR TOWER	PROF. DALIP SINGH MEHTA	DEPARTMENT OF PHYSICS	DESIGN	Motor and Machines
A FIELD-PORTABLE OPTICAL MICROSCOPIC IMAGING DEVICE FOR AIR QUALITY MONITORING OF PM2.5 AND PM10 AND ITS METHOD OF IMPLEMENTATION THEREOF	PROF. DALIP SINGH MEHTA	DEPARTMENT OF PHYSICS	PATENT	Environment
SMART MULTIVARIATE DATA COMPRESSION SYSTEM AND METHOD THEREOF	PROF. SWADES DE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
MULTIVARIATE DATA COMPRESSION SYSTEM AND METHOD THEREOF	PROF. SWADES DE	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Communication
POLARIZATION INSENSITIVE METAMATERIAL ENABLED MULTIBAND ABSORBER	PROF. SHIBAN KISHEN KOUL	CENTRE FOR APPLIED RESEARCH IN ELECTRONICS	PATENT	Communication

A MULTI-METALLIC ADSORBENT FOR REMOVING MERCURY (Hg) FROM GAS STREAMS	PROF. DIVESH BHATIA	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Material Science
GRID INTERFACED SOLAR PHOTOVOLTAIC SYSTEM FACILITATING AUTOMATIC PROTECTION	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
ELECTRIC THREE WHEELER VEHICLE	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Electric Vehicles
CIRCUMFERENTIALLY DISTRIBUTED INTERIOR PERMANENT MAGNET SYNCHRONOUS MOTOR	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
COMPUTATIONAL CAMERA WITH EXTENDED FIELD OF VIEW	PROF. KEDAR BHALCHANDRA KHARE	DEPARTMENT OF PHYSICS	PATENT	Sensors and MEMS
MEMBRANE-LESS TWO-PHASE FLOW MICROFLUIDIC ELECTROLYSIS CELL - FUEL CELL TANDEM OPERATION	PROF. SUDDHASATWA BASU	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Power Generation and Distribution
ULTRASONIC-VIBRATIONS AIDED DOUBLE-DISC CHEMICAL-ASSISTED MAGNETORHEOLOGICAL FINISHING PROCESS	PROF. PULAK MOHAN PANDEY	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Sensors and MEMS
ISLANDED SOLAR PV-BES DG SET FOR REMOTE AREAS	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
HIGH YIELD SYNTHESIS OF 5-HYDROXYMETHYLFURFURAL IN WATER UNDER MICROWAVE CONDITION USING SOLID ACID CATALYST	PROF. KAMAL KISHORE PANT	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Material Science
A CONTAMINATION-FREE NUCLEIC ACID AMPLIFICATION METHOD AND KIT THEREOF	PROF. DINESH KALYANASUNDAR AM	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
ENERGY EFFICIENT INDUSTRIAL EXHAUST FAN INDUCTION MOTOR	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines
RECONFIGURABLE SOLAR PV-BATTERY SUPPORTED SMALL HYDRO BASED MICRO-GRID	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
A JOURNAL BEARING WITH NEW BORE DESIGN	PROF. RAJ KUMAR PANDEY	DEPARTMENT OF	PATENT	Motor and Machines

		MECHANICAL ENGINEERING		
A PROCESS AND TWO-STEP CATALYTIC REACTOR SYSTEM FOR THE PRODUCTION OF LIQUID HYDROCARBONS FROM PLASTIC WASTE	PROF. KAMAL KISHORE PANT	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Environment
MARINE-DERIVED CELL PENETRATING PEPTIDE AND IMPLEMENTATIONS THEREOF	PROF. ARCHANA CHUGH	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Life Sciences
NEAR INFRARED SPECTROSCOPY FOR PROTEIN FORMULATION AND USES THEREOF	PROF. ANURAG S RATHORE	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Healthcare
APPARATUS AND METHOD FOR PERFORMING A MILLING OPERATION	PROF. SUNIL JHA	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Motor and Machines
SEAMLESS TRANSITION CONTROL OF A MICROGRID INTEGRATED TO 3-PHASE AC DISTRIBUTION NETWORK	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Power Generation and Distribution
A SYSTEM FOR EVALUATING THE PERFORMANCE OF CRANIOVERTEBRAL JUNCTION IMPLANT	PROF. SUDIPTO MUKHERJEE	DEPARTMENT OF MECHANICAL ENGINEERING	PATENT	Healthcare
NATIVE VIRUS-LIKE PARTICLES OF SARS-COV-2, METHODS OF GENERATION AND PURIFICATION THEREOF	PROF. MANIDIPA BANERJEE	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Healthcare
PROCESS OF PRODUCING POLYHYDROXYBUTYRATE FROM BACILLUS THURINGIENSIS	PROF. ASHOK KUMAR SRIVASTAVA	DEPARTMENT OF BIOCHEMICAL ENGINEERING AND BIOTECHNOLOGY	PATENT	Life Sciences
SERRATIA PROTEASE-DERIVED RECOMBINANT PEPTIDE DISPLAYING ANTI-BIOFILM PROPERTIES AND IMPLEMENTATION THEREOF	PROF. TAPAN KUMAR CHAUDHARI	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Life Sciences
A FIFTH-ORDER LOW SOURCE CURRENT RIPPLE BUCK-BOOST CONVERTER	PROF. MUMMADI VEERACHARY	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Motor and Machines

WHEAT-DERIVED CELL PENETRATING PEPTIDES AND IMPLEMENTATIONS THEREOF	PROF. ARCHANA CHUGH	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Life Sciences
A J.E PROBE ASSEMBLY FOR MEASURING POWER DEPOSITION IN A RADIO FREQUENCY (RF) PLASMA AND A METHOD	PROF. ASHISH GANGULI	CENTRE FOR ENERGY STUDIES	PATENT	Power Generation and Distribution
CELL-PENETRATING PEPTIDE TARGETING CORNEAL STROMA, AND IMPLEMENTATIONS THEREOF	PROF. ARCHANA CHUGH	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES	PATENT	Healthcare
OPTIMIZATION OF LEAKAGE CURRENT IN A SOLAR PHOTOVOLTAIC (PV) SYSTEM AND METHOD THEREOF	PROF. BHIM SINGH	DEPARTMENT OF ELECTRICAL ENGINEERING	PATENT	Renewable Energy
CATALYST FOR METHANOL/DME SYNTHESIS AND PROCESS FOR PREPARING THE SAME VIA PRECIPITATING HETERO-METAL OXIDES	PROF. KAMAL KISHORE PANT	DEPARTMENT OF CHEMICAL ENGINEERING	PATENT	Material Science
A METHOD AND A SYSTEM FOR FABRICATING NANOTUBES ON DENTAL IMPLANTS	PROF. NARESH BHATNAGAR	CENTRE FOR BIOMEDICAL ENGINEERING	PATENT	Healthcare
DEVELOPMENT OF FUNCTIONAL TEXTILES WITH INSECT REPELLENT AND ANTIBACTERIAL PROPERTIES	PROF. SYED WAZED ALI	DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING	PATENT	Textiles