

CONTENTS

Key Notes

- ➡ **MICROWAVE PROCESSING OF BIOMASS FOR BIOFUELS AND VALUE-ADDED PRODUCTS**
Farid Nasir Ani
- ➡ **BIOFUELS: IMPORTANCE AS AN ENGINE OPERATING FUEL ACQUIRED FROM RENEWABLE SOURCES AND ITS CHALLENGES- GLOBAL PERSPECTIVE**
H.H. Masjuki, B.M. Masum, M.A. Kalam, S.M. Palash and S.M. Ashrafur Rahman
- ➡ **PROBLEMS OF HIGHER EDUCATION OF BANGLADESH AND SOME SUGGESTIONS FOR IMPROVEMENTS**
Dr. Shyamal Kanti Biswas
- ➡ **BIOCHAR FROM BIOMASS ENERGY WASTES – A POTENTIAL SOURCE OF SOIL CARBON SEQUESTRATION**
Prof. Dr. AKM Sadrul Islam and Dr. M Ahiduzzaman
- ➡ **SPORTS AERODYNAMICS: A TOOL TO ACHIEVE ULTIMATE GLORY**
Firoz Alam, Harun Chowdhury and Hazim Moria

Technical Session – I (A): RENEWABLE ENERGY-I

- ➡ **PI-013: SOLAR ENERGY POTENTIAL IN BANGLADESH**
Mohammad Mahbubur Rahman, Ahsanul Habib, Afaz Uddin Ahmed, Papan Dey, C. M. F. S. Reza, Fayeem bin Aziz and Abdullah al Mamoon
- ➡ **PI-052: PRODUCTION OF POWER USING WIND AND WAVE ENERGY COMBINDLY**
Mohammad Imrul Shahriyar, Md.Mohiuddin and Jamal Uddin Ahamed
- ➡ **PI-053: DEVELOPMENT OF A COMPUTERIZED CONTROL AND MONITORING SYSTEM FOR INDUSTRIAL APPLIANCE USING MICROCONTROLLER BASED DATA ACQUISITION SYSTEM.**
Md. Ruhul Amin, Bodius Salam, Ahamed Nasif Hossain Aoyon and Shuva Das
- ➡ **PI-114: ANALYSIS OF EXTENSION THE SUN-RAY TRAVEL PATH AND DEVELOPED A SOLAR CONTAINER TO DISINFECT FLOOD WATER BY SOLAR HEAT**
M. A. Hossain, M. L. Rahman, S. M. Chowdhury, M. Shahriyar and K. Shahnawaz
- ➡ **PI-125: ALTERNATIVE FUEL FROM PYROLYSIS OF RICE HUSK**
Habib Ahmed Shafique Ullah, Bodius Salam, M Nurul Islam and M Shahidul Islam
- ➡ **PI-161: PROSPECTS OF HYBRID RENEWABLE ENERGY SYSTEM IN OFF GRID ISLANDS OF BANGLADESH**
Tajrin Ishrat, Subrata Bishwas Das, Juwel Chandra Mojumder and Md. Alimul Risvey

- ➡ **PI-177: A HIGHLY EFFICIENT QUANTUM DOT INTERMEDIATE BAND SOLAR CELL**
M. A. Matin, Anik Das, Md. Mashiur Rahman and Nowshad Amin
- ➡ **PI-180: ROADMAP OF AN OPTIMIZED HYBRID RENEWABLE ENERGY SYSTEM (HRES) MODEL IN SAINT MARTIN ISLAND, BANGLADESH AND SIMULATION OF IT USING HOMER**
Ahsanul Habib, Md. Abir Hasan, Nusrat Jahan, Md. Reduanul Halim, Md. Arifur Rahman and Mohammad Mahbubur Rahman
- ➡ **PI-199: FEASIBILITY STUDY OF THE RELIABLE POWER SUPPLY FOR THE COASTAL ISLAND THROUGH RENEWABLE ENERGY**
Sampad Ghosh and S. M. Mezbahul Amin
- ➡ **PI-221: DESIGN AND FABRICATION OF A MODEL SOLAR CENTRAL RECEIVER HEATING SYSTEM**
Banytosh Mazumder, Md. Kamrul Islam, Md Masudur Rahman, M M Kamal Bhuiya, Abdullah-Al-Mamoon and Tahsin Ahmed

Technical Session – I (B): CFD

- ➡ **PI-043: NUMERICAL SOLUTION OF UNSTEADY MHD CHEMICALLY REACTING MICROPOLAR FLUID FLOW THROUGH A POROUS MEDIUM ALONG AN IMPULSIVE PERMEABLE VERTICAL PLATE**
Mohammad Wahiduzzaman, Md. Mahmud Alam and Tanvir Ahmed
- ➡ **PI-109: A SINGLE AIR BUBBLE RISE IN WATER: A CFD STUDY**
Md. Tariqul Islam, P. Ganesan, J. N. Sahu, Md. Nasir Uddin and Abdul mannan
- ➡ **PI-211: AN EXPERIMENTAL STUDY ON SPEED SKATING SKINSUITS**
Harun Chowdhury, Kota Naito and Firoz Alam
- ➡ **PI-212: EFFECT OF COWLING ON A CYCLONIC VERTICAL AXIS WIND TURBINE**
Israt Mustary, Bavin Loganathan, Harun Chowdhury and Firoz Alam
- ➡ **PI-213: EFFECT OF NUMBERS OF BLADE AND BLADE ANGLE OF A SAVONIUS TYPE VERTICAL AXIS WIND TURBINE**
Bavin Loganathan, Israt Mustary, Harun Chowdhury, and Firoz Alam

Technical Session – I (C): Robotics-I

- ➡ **PI-014: FABRICATION AND PERFORMANCE OF A TWO-LINK SCARA ROBOT**
Saddam Hossain Khan and M. A. Rashid Sarker
- ➡ **PI-018: DESIGN & FABRICATION OF A ROBOTIC ARM MODEL WITH MAGNETIC GRIPPER**
M. T Islam, S A Mishu, M R Islam and T Billah
- ➡ **PI-046: DEVELOPMENT OF A CLUSTER MAZE SOLVER ROBOT SYSTEM**
Ahamed Nasif Hossain Aoyon, Md. Tazul Islam, Mahmudul Hasan Russel and Tarun Kanti Roy
- ➡ **PI-068: BI-PEDAL WALKING ROBOT**
Razaur Rahman Arzu, Mahmudul Hasan Russel, Kazi Afzalur Rahman, Sajal Chandra Banik and Md. Tazul Islam

- ➡ **PI-149: DEVELOPMENT OF AN AUTONOMOUS LINE TRACKING ROBOT WITH MECHANICAL GRIPPER**
M. T Islam, M R Islam and S. Ali
- ➡ **PI-184: DEVELOPMENT OF AN EXPLORING ROBOT TO SOLVE MAZES**
Mahmood Sabria Chowdhury, Md. Kamrul Islam, Sattom Halder and S C Banik
- ➡ **PI-202: PERFORMANCE OF A LOCALLY FABRICATED WIRELESS PC CONTROLLED SCARA ROBOT**
S. K. Alen and M. A. R. Sarkar
- ➡ **PI-276: THE DEVELOPMENT OF A PROTOTYPE ROBOTIC SYSTEM FOR RESCUE OPERATION BY GSM TECHNOLOGY**
Amit Roy, Asif Ahmed Shishir, Md. Sefatullah and Md. Saeed Sharman
- ➡ **PI-280: DESIGN AND FABRICATION OF A SIMPLE LINE FOLLOWER AUTONOMOUS ROBOT WITH MAGNETIC GRIPPER**
M K Islam, M T Islam and M R Islam

Technical Session – I (D): Heat Transfer-I

- ➡ **PI-008: BUOYANT FLOW OF NANOFLUID FOR HEAT-MASS TRANSFER THROUGH A THIN LAYER**
Rehena Nasrin, Salma Parvin and M. A. Alim
- ➡ **PI-077: SIMULATION ON HEAT TRANSFER ENHANCEMENT IN A CIRCULAR TUBE FOR LAMINAR FLOW WITH AND WITHOUT INSERT**
A. Z. M. Shariful Alam, Md. Kamrul Islam, Md. Yousuf Mia and Kazi Afzalur Rahman
- ➡ **PI-104: NON-DARCY FORCED CONVECTION THROUGH A CHANNEL ATTACHED TO AN OPEN CAVITY WITH NON-UNIFORM HEAT FLUX USING NANOFLUID**
Salma Parvin, Rehena Nasrin and M.A. Alim
- ➡ **PI-148: EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT OF WATER USING TWISTED TAPES WITH RECTANGULAR CUTS**
Juwel Chandra Mojumder, Sumana Biswas and Bodius Salam
- ➡ **PI-167: EXPERIMENTAL STUDY OF FORCED DRAFT CROSS FLOW WET COOLING TOWER USING SPLASH TYPE FILL**
Tawsif Mahmud, Md. Kamrul Islam and Bodius Salam
- ➡ **PI-234: NUMERICAL STUDY ON HEAT TRANSFER CHARACTERISTICS WITH SQUARE HEATED OBJECT IN AN ENCLOSURE**
Sabbir Mohammad Muntasir, Md Zulfi Ibney Zahed and Khandkar Aftab Hossain
- ➡ **PI-235: PREDICTION OF PERFORMANCE CHARACTERISTICS OF A FOUR STROKE CYCLE SPARK IGNITION ENGINE BASED ON COMPUTER MODEL**
S. M. Najmul Hoque, Mohd. Rafiqul Alam Beg, Barun Kumar Das and S. M. Rasid

- ➡ **PI-239: OPTIMIZATION OF EFFECTIVENESS FOR A CYLINDRICAL FIN**
Abdullah Al Mamun, Sujan Kumar Ghosh, Akataruzzaman Al-Hossain and Md Tanvir Islam
- ➡ **PI-250: EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER & FRICTION FACTOR CHARACTERISTICS USING U-CUT TWISTED TAPE INSERT**
Farzana Akter, J. U. Ahamed, Md. Shamim Hossain, Santoshi Saha, Debdatta Das, S. M. Amer Uddin

Technical Session – I (E): Fluid Mechanics & Machines

- ➡ **PI-034: FLOW SEPARATION CONTROL OVER AN AIRFOIL BY USING CO-FLOW JET**
Mohammad Mashud, Md. Asaduzzaman and Md. Amzad Hossain
- ➡ **PI-035: EFFECT OF SPOILER ANGLE ON AERODYNAMIC CHARACTERISTICS OF AN AIRFOIL**
Md.Amzad Hossain, Mohammad Mashud and Khondakar Wahida Taskin
- ➡ **PI-147: DESIGN AND FABRICATION OF A COST EFFECTIVE CROSS FLOW HYDRO TURBINE FOR LOW HEAD MICRO HYDRO POWER SYSTEM**
N. K. Das, M. T. Islam and Enamul Basher
- ➡ **PI-209: AERODYNAMICS OF RIBBED BICYCLE HELMETS**
Firoz Alam, Ho Zhiwel and Harun Chowdhury
- ➡ **PI-223: EXPERIMENTAL INVESTIGATION ON CHANGES OF WATER SURFACE PROFILE WITH BOTTOM ROUGHNESS**
Tahsin Ahmed, Abdullah-Al-Mamoon and Banytosh Mazumder
- ➡ **PI-257: DESIGN ,FABRICATION & ANALYSIS OF A HELICAL VERTICAL WIND TURBINE**
A. A. Safe, M. Moniruzzaman, M. T. Feroz and M. T Islam

Technical Session – II (A): Energy Technology-I

- ➡ **PI-005: APPLICATION OF A SHUNT ACTIVE FILTER FOR COMPENSATION OF CURRENT HARMONICS AND REACTIVE POWER UNDER DISTORTED SUPPLY**
Papan Dey, Toufiq Ahmed, C. M. F. S. Reza, Md. Mahbubur Rahman, Afaz Uddin Ahmed and Fayeem bin Aziz
- ➡ **PI-019: ANALYSIS OF SOLENOID FORCE IN AN AUTOMOBILE ECV**
Md. Iqbal Mahmud, Haeng Muk Cho, Manik Hwang, Kyeong Jung Yong and Jong Hun Lee
- ➡ **PI-032: ANALYSIS AND IMPROVEMENT IN TOTAL HARMONIC DISTORTION OF STATOR CURRENT AND VOLTAGE OF INDUCTION MACHINES WITH DIFFERENT PWM TECHNIQUES**
S. M. Muslem Uddin, Md. Rafiqul Alam, H. Kabir, Jobaida Akhtar and Sreebash Debnath
- ➡ **PI-115: PICO HYDRO POWER FROM PORTABLE IRRIGATION WATER PUMP OF BANGLADESH**
Md. Asrafuzzaman, Mahabub Rabbani, Umme Mumtahina and A.S.M Sayem
- ➡ **PI-121: HARVESTING ENERGY FROM SOUND USING ELECTROMECHANICAL SYSTEM**
Arifur Rahman and Md. Emdadul Hoque

- ➡ **PI-136: PROSPECT OF CAPTIVE POWER GENERATION IN BANGLADESH**
C. A. A. Atis, M. Sarker and M. A. R. Sarkar
- ➡ **PI-162: SIMULATION OF VOLTAGE STABILIZATION & POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM THROUGH D-STATCOM**
Tajrin Ishrat, Muhammed Omar Faruk and Md. Imran Hossain
- ➡ **PI-176: ELECTRICITY PRODUCE FROM THE WASTE ENERGY OF A RUNNING VEHICLE –A NEW APPROACH TO REDUCE THE LOAD OF NATIONAL GRID**
A. S. M Sayem, Md. Abir Hasan, Nusrat Jahan, and Nwomey Subayer
- ➡ **PI-219: DEVELOPMENT OF A DEVICE TO GENERATE POWER FROM BEEF COCK WATER**
Md. Al- Amin, Syed Tanvir Faisal, Masud Rana, S. C. Banik and Md. Romel Chowdhury Dipu
- ➡ **PI-254: DEVELOPMENT OF SHUNT STATIC VAR COMPENSATOR (SVC) AND PERFORMANCE ANALYSIS**
Roky Baidya, SreeBash Chandra Debnath, Mehdi Hasan Chowdhury and S. M. Muslem Uddin
- ➡ **PI-275: AN ADVANCED PWM TECHNIQUE FOR LOW LOSS PURE SINE DC/AC CONVERTER**
Rony Chakraborty
- ➡ **PI-292: CONTROLLING OF ELECTRICAL POWER PRODUCED FROM WAVE ENERGY**
M. J. Islam, M. S. Hossain and M. A. Ullah
- ➡ **PI-295: HARNESSING ENERGY FROM SPEED BREAKERS: A CASE STUDY**
Md. Asif Rezwan, S M Humayun Kabir and Sayed Sanowar Hossain Shimul

Technical Session – II (B): Mechatronics-I

- ➡ **PI-006: DEVELOPMENT OF A MICROCONTROLLER BASED DATA ACQUISITION SYSTEM TO CAPTURE ANALOG SIGNALS**
Kazi Afzalur Rahman and Prantik Roy Chowdhury
- ➡ **PI-007: DESIGN AND IMPLEMENTATION OF AN AUTOMATIC FIRE EXTINGUISHING SYSTEM BASED ON FAULT SECURE MULTI-DETECTORS**
Papan Dey, Subir Das, Choton Kanti Das, Toufiq Ahmed, C. M. F. S. Reza and Md. Mahbubur Rahman
- ➡ **PI-027: DESIGN OF A MICROCONTROLLER BASED DIGITAL HEART BEAT RATE MONITOR**
Jewel Chandra Mojumder, Romel Barua, Md. Saifur Rahman, K. M. Anamul Hossain and Md. Yousuf Mia,
- ➡ **PI-037: DEVELOPMENT OF A LOW COST DATA ACQUISITION SYSTEM FOR SUBSONIC WIND TUNNEL MEASUREMENTS**
Md. Rasedul Islam, Tanvir Ahmed, Asif-Al-Zubayer Swapnil and Mohammad Mashud
- ➡ **PI-038: DESIGN AND DEVELOPMENT OF A CONTROLLABLE WING FOR UAV**
Md. Tanvir Ibny Gias, Mohammad Mashud and Abu Nayem Md. Asraf Siddiquee
- ➡ **PI-054: DEVELOPMENT OF AN EMBEDDED ACCESS CONTROL AND SECURITY SYSTEM USING RFID TECHNOLOGY**
Md. Ruhul Amin, Ahamed Nasif Hossain Aoyon, Shuva Das and Mujahidul Islam Shakil

- ➡ **PI-062: DEVELOPMENT OF A MODERN GPS TRACKING SYSTEM**
Shuva Das, Sajal Chandra Banik, Md. Ruhul Amin and Ahamed Nasif Hossain Aoyon
- ➡ **PI-096: DESIGN OF DIGITAL THERMOMETER BASED ON PIC16F77A SINGLE CHIP MICROCONTROLLER**
Md. Shamsul Alam, Rakesh Ghosh and Khizir Mahmud
- ➡ **PI-101: AUTOMATIC ENERGY METER READING SYSTEM USING GSM TECHNOLOGY**
Sikder Sunbeam Islam and Mohammad Mahmud Hasan
- ➡ **PI-283: DESIGN AND IMPLEMENTATION OF ENERGY EFFICIENT AUTOMATIC ELECTRICAL UTILITY CONTROL SYSTEM**
T. Sultana and T. Ishrat
- ➡ **PI-285: DESIGN & FABRICATION OF A PEDAL POWERED MOBILE PHONE CHARGER**
M. T Islam, S Bhattacharjee and M A Islam

Technical Session – II (C): Mat. Science & Technology-I

- ➡ **PI-021: STRUCTURAL INVESTIGATION OF La/Mn CODOPED BISMUTH TITANATE CERAMIC PREPARED BY SOLID-STATE REACTION METHOD**
M. S. Parvez and M. Bodiul Islam
- ➡ **PI-022: IMPROVED DIELECTRIC AND MAGNETIC PROPERTIES OF DILUTED MAGNETIC SEMICONDUCTOR $Zn_{1-x}Mn_xO$**
Ehsan Uddin Ahmad, M.K.R. Khan, M. Bodiul Islam, M.A. Hadi Shah and M. Mozibur Rahman
- ➡ **PI-026: ELASTIC, ELECTRONIC AND OPTICAL PROPERTIES OF TWO NEW PHASES OF SnH_4 : FIRST PRINCIPLES STUDY**
M. M. Ali and A. K. M. A. Islam
- ➡ **PI-036: A STUDY ON THE DIFFUSIVITY OF HYDROGEN IN SOME METAL-ALLOYS AS A VITAL SOURCE OF RENEWABLE ENERGY**
K. Chakraborty, M. A. Rashid and D. P. Paul
- ➡ **PI-102: PROPERTIES OF BANGLADESHI TRADITIONAL CERAMICS**
Tasmia Zaman, A. Hafiz Zaman and M. A. A. Mahmood
- ➡ **PI-110: EFFECTS OF Al_2O_3 CONTENT ON THE DENSIFICATION AND MECHANICAL PROPERTIES OF $ZrO_2-Al_2O_3$ NANOCOMPOSITES**
M. J. Abden, M. A. Gafur, M. R. Qadir, M. A. Mamun and F. -U. -Z. Chowdhury
- ➡ **PI-112: AN INVESTIGATION ON MICROHARDNESS STUDIES OF THE PURE AND ALKALI METAL HALIDE DOPED POTASSIUM DIHYDROGEN PHOSPHATE CRYSTALS**
M. M. Islam, A. Gafur and F.-U.-Z. Chowdhury
- ➡ **PI-290: MONOTONIC AND CYCLIC RESPONSES OF A FERRITIC STAINLESS STEEL FOR THE APPLICATION OF HIGH-TEMPERATURE STRUCTURE**
S M Humayun Kabir, Tae-in Yeo and M Aman Ullah
- ➡ **PI-293: CRYSTALS GROWN FROM POTASH ALUM BY SLOW EVAPORATION METHOD IN BANGLADESHI ENVIRONMENT**
Shourav Deb Nath and Md. Aminul Islam

- ➡ **PI-294: TESTING OF SMALL SCALE CATHODIC PROTECTION BY IMPRESSED CURRENT FOR UNDERGROUND REBAR IN THE LAB**
Md. Masud Kawsar and Md. Aminul Islam

Technical Session – II (D): IT /MEMS /Textile Technology

- ➡ **PI-029: DEVELOPMENT OF A MODERN VISUAL STETHOPHONE USING GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS (GSM)**
A F M Shamimuzzaman, Ahamed Nasif Hossain Aoyon and Md Yaqub Ali Miah
- ➡ **PI-040: THERMAL ANALYSES OF NANO AND MICRO SATELLITES POINTING TO THE EARTH WITH DEPLOYABLE SOLAR PANEL BY SMALL NUMBER OF NODES**
Tilok Kumar Das, Tsuyoshi Totani, Masashi Wakita and Harunori Nagata
- ➡ **PI-050: ANALYSIS OF THE EFFECTS OF MERCERIZATION TREATMENT ON COTTON WOVEN FABRICS**
Suman Mir, Md. Milon Hossain, Alamgir Hossain, Palash Biswas and Md. Tahmidul Islam Molla
- ➡ **PI-074: DEVELOPMENT OF DENIM; HOW THE FASHION WORLD LOOKS INTO IT**
Maeen Md. Khairul Akter, Salim Azad Didar and Abu Hamja
- ➡ **PI-152: DESIGN AND IMPLEMENTATION OF A RFID-BASED TRAIN TICKETING SYSTEM: PERSPECTIVE BANGLADESH**
Md. Tamjid Hossain, Kazi Sharfuddin Nayem, Md. Hasibul Jamil and Prasenjit Mazumder
- ➡ **PI-195: DESIGN AND IMPLEMENTATION OF MULTI-TARIFF BILLING SYSTEM**
C. K. Das, M. A. Roufe and M. M. Rahman
- ➡ **PI-225: COMPARATIVE STUDY ON THE PRIORITY BASED QOA AWARE MAC PROTOCOLS**
Sikder Sunbeam Islam
- ➡ **PI-278: LOW COST AUTOMATED RAILWAY TICKETING SYSTEM FOR BANGLADESH**
Sharmin Majumder, Sabrina Ahmed and Muhammad Ahsan Ullah
- ➡ **PI-120: APPLICATION OF NANOTECHNOLOGY IN TEXTILES: A REVIEW**
Subrata Chandra Das, Debasree Paul, Sk. Md. Mahamudul Hassan, Nasif Chowdhury and Sudipta Bain
- ➡ **PI-246: NUMERICAL STUDIES OF MICROCATHODE SUSTAINED DISCHARGE FOR GENERAL ENGINEERING APPLICATION**
R. K. Das, Umme Mumtahina and A. S. M Sayem

Technical Session – II (E): Manufacturing & Production Tech-I

- ➡ **PI-033: DESIGN AND IMPLEMENTATION OF MICROCONTROLLER BASED PROCESS LINE LIQUID LEVEL CONTROL AND MONITORING SYSTEM FOR INDUSTRIES**
S. M. Muslem Uddin, Md. Rafiqul Alam, Madhur Bansal, Parvez Akhter, Roky Baidya and R. Kabeer

- ➡ **PI-089: IMPROVING THE DIMENSIONAL ACCURACY OF PARTS MADE BY RAPID PROTOTYPING(3D-PRINTING)**
Andrew Dominguez and Rafiq Noorani
- ➡ **PI-090: USING ANALYTICAL HIERARCHY PROCESS FOR OPTIMIZATION OF GAS METAL ARC WELDING (GMAW) PARAMETERS**
M. A. A. Mahmood, T. Zaman, M. S. Rahman and M. J. Abedin
- ➡ **PI-175: FERMENTABLE SUGAR PRODUCTION AND SEPARATION FROM WATER HYACINTH USING ENZYMATIC HYDROLYSIS**
Pradip Saha, Fakhrul Alam, Ajit Chandra Baishnab, Maksudur Rahman Kha and M. A. Islam
- ➡ **PI-208: AUTOMATIC DIMENSIONAL ACCURACY ASSERTION ON CONVEYOR BELT AND REJECTION OF DEFECTIVE PRODUCT**
Sheikh Ziaur Rahman, Mohammad Kamrul Islam and Md. Mehdi Masud Talukder
- ➡ **PI-230: AUTOMATION AND ROBOTICS IN PRODUCT PROCESSING**
Al-Shahriar, Md. Hasanuzzaman and Syed Tanvir Faisal

Technical Session – III (A): Renewable Energy–II/ Appl. Mechanics/ Vehicle Technology

- ➡ **PI-047: DYNAMIC MODELING AND TRAJECTORY TRACKING OF WHEELED SKID-STEERED UNMANNED GROUND VEHICLE WITH SLIP**
Rashique Iftekhar Rousseau, Cheolkeun Ha and Bodius Salam
- ➡ **PI-088: A PRELIMINARY STUDY, DESIGN AND CONSTRUCTION OF A REGENERATIVE SHOCK ABSORBER**
Ishraq Ahmed, Md. Mussaddiq Reza, Mohammad Kamrul Islam and Mohammad Saiful Islam
- ➡ **PI-139: DESIGN & CONSTRUCTION OF A MAGNETIC LEVITATION VEHICLE**
Rahagir Ridwan Anik, Al-Imran and Ahammed Islam
- ➡ **PI-153: DESIGN AND PERFORMANCE EVALUATION OF VEHICLE IN-FRONT OBSTACLE DETECTION & SAFETY ALERT SYSTEM**
Md. Hasibul Jamil, Prasenjit Mazumder, Tamjid Hossain and Pranab Chakma
- ➡ **PI-187: DESIGN AND FABRICATION OF AUTOMATIC ELECTROMAGNETIC CLUTCH SYSTEM IN AUTOMOBILE & ALTERNATIVE POWER GENERATION**
Junayed Hafiz, Sattom Halder and Abu Shadat Muhammad Sayem
- ➡ **PI-244: INCLINED PARABOLIC COLLECTOR FOR SOLAR THERMAL POWER GENERATION**
Md. Ashraful Islam and Md. Nizam Uddin
- ➡ **PI-253: EXTRACTION EFFECT OF NATURAL GAS ON EARTHQUAKE, FUTURE TREND IN RENEWABLE ENERGY**
Apurba Sarker and Md. Jahirul Islam
- ➡ **PI-264: DEVELOPMENT OF AN AUTOMATIC ACCIDENT DETECTION SYSTEM**
M. E. K Bhuiyan, A N H Ayon, M. T Islam and M. R Islam

- ➡ **PI-272: DESIGN AND FABRICATION OF A LOW COST SOLAR STREET LAMP FOR METROPOLITON CITIES OF BANGLADESH**
Md. Fajlul Karim, Md. Mamunur Roshid and Swarup Guha
- ➡ **PI-274: PROSPECTS AND CHALLENGES OF SOLAR PHOTOVOLTAIC BASED POWER GENERATION IN BANGLADESH**
M. A. Matin, Prattay Saha, Md. Reduanul Halim, Sayidul Morsalin, Arifur Rahman and M. Quamruzzaman
- ➡ **PI-277: DESIGN AND FABRICATION OF AN AUTOMATIC CAR BRAKING SYSTEM USING ULTASONIC SENSOR**
Awsaf Anam Chowdhury, Md. Tazul Islam , Shibanol Haque and M R Islam
- ➡ **PI-299: OPTICAL MICROSCOPIC EVALUATION OF START OF CRACK GROWTH OF STAINLESS STEEL (SS-202)**
Md. Nurul Islam, Shahnewaz Daisy and Mst. Shahnaz Akhtar

Technical Session – III (B): Mat. Science & Technology-II

- ➡ **PI-131: IMPEDANCE AND MODULUS STUDIES OF MAGNETIC CERAMIC OXIDE $\text{Ni}_{0.27}\text{Cu}_{0.10}\text{Zn}_{0.63}\text{Fe}_2\text{O}_4$**
M. Belal Hossen, H. N. Das and A. K. M. Akther Hossain
- ➡ **PI-142: PHASE CHANGE MATERIALS: CHARACTERISTICS AND ENCAPSULATION**
Mahbubur Rahman, Abu Hamja and Hasnat Noor Chowdhury
- ➡ **PI-146: RAPID DECOLORIZATION OF ACID ORANGE II IN AQUEOUS SOLUTION BY WAS TE IRON OXIDE PARTICLES**
M.A.K. Azad, S.S.S. Shean and Fahmida Gulshan
- ➡ **PI-243: FRACTURE PROPERTIES OF THIN PAPERS MADE FROM GRAPHENE OXIDE**
Md. Nizam Uddin, Md. Ashraful Islam and Mohammad Mashud
- ➡ **PI-258: MODIFICATION AND FABRICATION OF PLASTIC RECYCLING SYSTEM**
Md. Mezba Uddin, Muhammad Reaz Uddin, Md. Zahidul Islam and Shah Muhammad Fuad
- ➡ **PI-260: SUSTAINABILITY OF RECYCLABLE POLYMER BY PRODUCING FIBER REINFORCED POLYMER (FRP) FROM KHULNA CITY, BANGLADESH**
Mishuk Majumder, Sm. Arifur Rahman, Ebna Forhad Mondol, Sanjida Khair and Md. Rokon Hasan
- ➡ **PI-266: PENETRATION AND PERFORATION OF COMPOSITE STRUCTURES**
Bazle Z. (Gama) Haque and John W. Gillespie Jr.
- ➡ **PI-273: A HIGH PERFORMANCE $\text{In}_x\text{Ga}_{1-x}\text{N}$ SINGLE JUNCTION SOLAR CELL FROM NUMERICAL ANALYSIS**
N. Akter, M. A. Matin and N. Amin
- ➡ **PI-281: FABRICATION OF NANOPOROUS NICKEL FOAM BY POWDER METALLURGY TECHNIQUE AND CHEMICAL DEALLOYING**
Md. Arafat Rahman, Xiaojian Wang and Cuie Wen3
- ➡ **PI-282: ALTERNATIVE MATERIALS IN HYDRAULIC CYLINDER DESIGN - APPLICATION OF CARBON FIBRE COMPONENTS**
Josh Ritchie, Umme Mumtahina, M. G. Rasul and A. S. M. Sayem

- ➡ **PI-284: DESIGN AND CONSTRUCTION OF AN EQUIPMENT FOR PERMEABILITY TEST OF MOLDING SANDS**
Mohammad Imrul Kayes Saurav, Aktaruzzaman Al-Hossain and Md. Sazzad Hosen

Technical Session – III (C): Green Technology & Environment Engineering

- ➡ **PI-011: LOW CARBON STABILIZED EARTH BLOCK: A POTENTIAL ALTERNATIVE BUILDING BLOCK FOR SUSTAINABLE ENVIRONMENT**
Mirza Md Rashiduzzaman, Fazle Zawad Akhond and Md. Mominur Rahman
- ➡ **PI-061: EFFECT OF LIME ON CONSOLIDATION CHARACTERISTICS OF CLAY SOIL**
Mohammad Imran Hossain, Asaduzzaman Khan, Md. Hafizul Haque and Sultan Mohammad Ferooq
- ➡ **PI-071: STUDY OF ENERGY PERSPECTIVE OF CLIMATE CHANGE**
Moudud Ahmed, Rabiul islam, Md. Jillur Rahaman Sohel, A. Z. M. Shariful Alam and Mohammad Rafiqul Alam
- ➡ **PI-076: DETERMINING THE ENVIRONMENTAL COST DUE TO TRAFFIC CONGESTION AT INTERSECTIONS OF KAPTAI ROAD**
Shoukat Ahmed and Nahin Bahar Chowdhury
- ➡ **PI-097: BUILDING ENERGY: BANGLADESH PERSPECTIVE**
Md. Sahadat Hossain Asif and G. M. Sadiqul Islam
- ➡ **PI-108: DIMENSIONAL STABILITY OF FLY ASH CONCRETE UNDER FREEZE-THAW ACTION IN SALINE WATER**
Md. Moinul Islam and Md. Saiful Islam
- ➡ **PI-117: PROSPECT AND FUTURE OF SOLAR DRYER IN BANGLADESH**
Mohammad Mahbubur Rahman, Ahsanul Habib, Afaz Uddin Ahmed, Papan Dey, C. M. F. S. Reza, Fayeem bin Aziz and Abdullah al Mamoon
- ➡ **PI-160: THE PROSPECT OF ‘SUSTAINABLE ENERGY’ IN BANGLADESH**
Ahmad Fahad Tayab
- ➡ **PI-229: IMPROVEMENT OF PLASTICITY INDEX VALUE OF SEWLLING CLAY SOIL BY LIME STABILIZATION**
Mohammad Imran Hossain, Asaduzzaman Khan, Md. Hafizul Haque and Sultan Mohammad Ferooq
- ➡ **PI-233: SILENT KILLING THROUGH exposure to HEALTHCARE WASTE UNDER THE CURRENT MANAGEMENT PRACTICES IN CHITTAGONG**
Ohidul Alam, Mohammed Saleh Uddin and Mohammad Mosharraf Hossain
- ➡ **PI-237: MARINE ENVIRONMENT AND ITS ILL EFFECTS ON STRUCTURAL CONCRETE**
Sabrina Islam, Md. Moinul Islam and Md. Saiful Islam
- ➡ **PI-238: FEW ASPECTS OF STRUCTURAL CONCRETE IN ACIDIC ENVIRONMENTS**
B.C. Mondal, Sabrina Islam and M.S. Islam

- ➡ **PI-259: SUSTAINABLE SOLUTION OF SOIL POLLUTION DUE TO ACID RAIN: MONGLA PORT INDUSTRIAL AREA, BANGLADESH.**
Sanjida Khair and Sm. Arifur Rahman

Technical Session – III (D): Mechatronics-II

- ➡ **PI-107: MAKING A MULTIFUNCTIONAL TIME SWITCH**
Tushar Ahmed, Sheikh Ziaur Rahman and Mohammad Kamrul Islam
- ➡ **PI-119: DESIGN AND PERFORMANCE EVALUATION OF LOW COST ONE DIMENSIONAL DIGITAL FLUID FLOW METER**
Muhammad Ahsan Ullah, Md. Shamsul Alam and Ali Mohammed Jobayer
- ➡ **PI-127: MOTION CONTROL OF A MAGNETICALLY SUSPENDED OBJECT BY PD CONTROLLER**
Md. Emdadul Hoque, Avijit Sarker and Monjur Mourshed
- ➡ **PI-150: DESIGN AND PERFORMANCE EVALUATION OF AN AUTOMATIC INDOOR TEMPERATURE CONTROL SYSTEM**
Md. Hasibul Jamil, Rakesh Ghosh and Md. Tamjid Hossain
- ➡ **PI-164: DESIGN AND IMPLEMENTATION OF A CENTRAL INTELLIGENCE SYSTEM USING COUNTER SENSING**
Md. Masudur Rahman, Md. Kamrul Islam, Banytosh Mazumde and Prasanjit Das
- ➡ **PI-166: NATURAL GAS PREPAID DIGITAL GAS METER**
S Dewanjee, M T Islam, S C Banik, H Deb4 and M R Islam
- ➡ **PI-172: DEVELOPMENT OF AN AUTOMATIC COLOR SORTING MACHINE ON BELT CONVEYER**
Sattom Halder, Md. Kamrul Islam, Mahmood Sabria Chowdhury and S. C. Banik
- ➡ **PI-183: RFID BASED ROOM AUTOMATION**
M. S. Alam, M. W. Alam and T. Sultana
- ➡ **PI-279: DOCINFO IT'S ALL ABOUT HEALTH**
R Islam, H Adnanul , H M Ariful and M S Rahman
- ➡ **PI-287: DESIGN AND IMPLEMENTATION OF A NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PERSON**
C. K. Das, Lanin Tripura Dhamai and Shohidul Islam
- ➡ **PI-296: MICROCONTROLLER BASED INDUSTRIAL ELEVATOR WITH EARTHQUAKE SAFETY**
Sayed Sanwar Hossain Shimul, S M Humayun Kabir and Asif Rezwana
- ➡ **PI-297: DEVELOPMENT OF A REMOTE CONTROL SYSTEM FOR AN UNMANNED VEHICLE USING MOBILE PHONE BASED NETWORK.**
Md. Syed Ali Molla, Md. Abdullah Al Mamun, Md. Abdul Alim and G.M. Sultan Mahmud Rana

Technical Session – III(E): HVAC & Heat Transfer

- ➡ **PI-051: CONSTRUCTION OF A SOLAR POWERED PORTABLE REFRIGERATOR**
Adnan Mohammad Tanveer, Md. Zahid Hasan and Md. Asad Rahman
- ➡ **PI-069: CONSTRUCTION AND PERFORMANCE TEST OF A SOLAR POWERED ATTIC VENTILATION SYSTEM**
Md. Hasan Ali, Kazi Md. Masum Billah and Mohammad Mashud
- ➡ **PI-116: EXPERIMENTAL INVESTIGATION OF TUBE SIDE HEAT TRANSFER ENHANCEMENT USING WIRE COIL INSERT**
Sumana Biswas and Bodius Salam
- ➡ **PI-248: ANALYTICAL INVESTIGATION OF DOMESTIC AIR-CONDITINOING SYSTEM USING DIFFERENT REFRIGERANTS**
Santoshi Saha, J. U. Ahamed, Debdatta Das, Farzana Akter, Md. Shamim Hossain
- ➡ **PI-251: HEAT TRANSFER ANALYSIS OF PIN FIN ARRAY**
Md. Shamim Hossain, J. U. Ahamed , Farzana Akter, Debdatta Das, Santoshi Saha
- ➡ **PI-252: HEAT AND MASS TRANSFER IN MHD FREE CONVECTION FLOW OVER AN INCLINED STRETCHING PLATE WITH HALL CURRENT**
Mohammad Ali, Mohammad Shah Alam, Ashutose Saha, Md. Abdul Alim and S M Humayun Kabir
- ➡ **PI-255: PERFORMANCE OF A VERTICAL HEAT PIPE USING REFRIGERANT R-22 AS WORKING FLUID**
Md. Zahidul Islam, Mostafa Zaman Haider, Mohammad Tanvir Hossain and Md. Mezba Uddin
- ➡ **PI-271: EXPERIMENTAL INVESTIGATION OF POOL BOILING HEAT TRANSFER ENHANCEMENT USING POROUS SURFACE**
Shibanul Haque, Bodius Salam, Prosenjit Halder and Sayed Sanwar Hossain

Technical Session – IV (A): Petroleum & Mining Engg.-I / Agricultural Machines

- ➡ **PI-044: A PERSPECTIVE ANALYSIS OF NONCONVENTIONAL COAL MINING METHOD AT PHULBARI COAL FIELD IN DINAJPUR, BANGLADESH: AN OVERVIEW, PROSPECT AND FATE OF THE ENVIRONMENT**
Deeponker Sarker, Ashraf Ali Seddique, Nazmul Islam and Alice Sunandita Biswas
- ➡ **PI-049: SOLAR AGRICULTURAL WATER PUMPING SYSTEM WITH AUTO TRACKING AND SENSORS**
Md. Atiqul Islam
- ➡ **PI-094: HYDROCARBON POTENTIAL OF CENOZOIC MUDSTONES, NORTHEASTERN BENGAL BASIN, BANGLADESH**
H. M. Zakir Hossain
- ➡ **PI-122: MATERIAL BALANCE OF A GAS RESERVOIR OF SURMA BASIN BY FLOWING WELLHEAD PRESSURE APPROACH: A CASE STUDY**
Md. Mahfuzul Houqe, Mohammad Islam Miah, Shamira and Towhidul Islam

- ➡ **PI-241: DEVELOPMENT OF A STRAW SHREDDER AND PERFORMANCE ANALYSIS**
Aktaruzzaman Al-Hossain, Md. Forhadul Islam, Mohammad Imrul Kayes Saurav and Md. Asad Rahman
- ➡ **PI-269: DESIGN AND FABRICATION OF GSM BASED AUTOMATIC IRRIGATION SYSTEM**
M Biswas, M A Wazed and M S Rabbi

Technical Session – IV (B): Industrial Management

- ➡ **PI-017: PRODUCTIVITY IMPROVEMENT THROUGH JOB SATISFACTION: A STUDY OF GOLDEN SON LIMITED**
Md. Mamunur Rashid, Md. Abdus Salek Khan and M.A Rashid Sarker
- ➡ **PI-158: ANALYSIS OF PROBLEMS OF INDUSTRIES OF BANGLADESH BECOMING SICK**
A.K.M. Solayman Hoque, S.K. Biswas and M. A. Wazed
- ➡ **PI-182: IMPLEMENTATION OF ISO 9000 IN EDUCATIONAL INSTITUTION**
Tonmoy kumer Dhar, Sattom Halder and Shyamal Kanti Biswas
- ➡ **PI-218: INVESTIGATION OF INJURIES, ACCIDENTS AND HAZARDS OCCURRED IN A GARMENT FACTORY AND THEIR EFFECT ON PRODUCTIVITY**
M. Iqbal, Shibbir Ahmad, Al Amin B. Khalil, M. Roomi
- ➡ **PI-227: QUALITY ASSURANCE IN TERTIARY ENGINEERING EDUCATION & SUGGESTION FOR IMPROVEMENTS IN THE 3rd WORLD COUNTRIES**
Soma Chakraborty, Shyamal Kanti Biswas and Md. Maruful Islam
- ➡ **PI-267: ANALYSIS OF INDUSTRIES BECOMING SICK BY RATIO ANALYSIS**
A.K.M. Solayman Hoque, S.K. Biswas and M. A. Waze

Technical Session – IV (C): Fuel & Combustion-I

- ➡ **PI-012: RENEWABLE HYDROGEN FROM AQUEOUS PHASE REFORMING (APR) OF GLYCEROL OVER BIMETALLIC PT-NI CATALYSTS**
M. M. Rahman and Andrew T. Harris
- ➡ **PI-039: STUDY OF ENGINE PERFORMANCE AND EXHAUST EMISSION OF A DIESEL ENGINE USING PALM BIODIESEL BLENDS AT HIGH IDLING OPERATIONS**
S. M. Ashrafur Rahman, H. H. Masjuki, M. A. Kalam, A. Sanjid, M. J. Abedin, Bony Anjabeen, Debashish Saha, Sabbir Hassan, M. M. Islam and Morshed Alam
- ➡ **PI-041: INVESTIGATION OF OPTIMUM BLEND RATIO OF JATROPHA, PALM, COCONUT AND WASTE COOKING OIL BASED BIODIESEL TO IMPROVE FUEL PROPERTIES**
M. I. Arbab, Md. Shoeb Hasan, H. H. Masjuki, M. Varman, M. A. Kalam, H. Sajjad and S. Imtenan
- ➡ **PI-042: AN EXPERIMENTAL INVESTIGATION OF DENATURED ANHYDROUS ETHANOL-GASOLINE FUEL BLENDS ON THE PERFORMANCE AND EMISSION CHARACTERISTICS OF A SI ENGINE**
B. M. Masum, H. H. Masjuki, M. A. Kalam, S.M.Palash, I M Rizwanul Fattah and K. M. Anamul Hossain

- ➡ **PI-059: BIODIESEL PRODUCTION FROM APHANAMIXIS POLYSTACHYA (PITRAJ OIL) AND ITS COMPARATIVE ANALYSIS OF FUEL PROPERTIES WITH DIESEL AS AN ALTERNATIVE FUEL IN DIESEL ENGINE**
S. M. Palash, H. H. Masjuki, M. A. Kalam, A. E. Atabani and B. M. Masum
- ➡ **PI-198: LPG AN ALTERNATIVE FUEL IN BANGLADESH**
M. Elahi, S. Hossain and M. A. R. Sarkar
- ➡ **PI-203: PERFORMANCE COMPARISON OF DI DIESEL ENGINE BY USING ESTERIFIED MUSTARD OIL AND PURE MUSATRD OIL BLENDING WITH DIESEL**
S. M. Ameer Uddin, A. K. Azad, M. M. Alam and J. U Ahamed
- ➡ **PI-214: PRODUCTION OF LIQUID FUEL AND OBSERVATION OF ACTIVATED CARBON OF CHAR FROM WASTE MAHOGANY SEED USING FIXED BED PYROLYSIS PROCESS**
Md.Afrozaman, Anwar Sadat, H.M.Farshid

Technical Session – IV (D): Mechatronics-III

- ➡ **PI-188: HEARTBEAT MONITORING SYSTEM WITH DIGITAL STETHOSCOPE**
Mannu Bardhan Paul, Khayrul Bashir and Manash Chakraborty
- ➡ **PI-196: DESIGN & IMPLEMENTATION OF A DIELECTRIC CONSTANT MEASURING METER FOR WATER**
C. K. Das, Surajit Biswas, Tahzibul Hoque and Shohidul Islam
- ➡ **PI-197: A WIRELESS HEARTBEAT AND TEMPERATURE MONITORING SYSTEM FOR REMOTE PATIENTS**
C. K. Das, M. W. Alam and M. I. Hoque
- ➡ **PI-224: DESIGN & FABRICATION OF AN AUTOMATIC LIQUID FILLING MACHINE**
Binoy Kumar Saha, Banytosh Mazumder, Abdullah-Al-Mamoon, Md. Kamrul Islam, Md. Tazul Islam and Tahsin Ahmed
- ➡ **PI-231: PATIENT MONITORING AND DAILY HEALTH REPORTING BY GSM MODULE**
Jahedul Islam, Md. Momiur Rahman, Sajidur Rahman and Rakibul Hasan
- ➡ **PI-232: DESIGNING OF GSM BASED AUTOMATIC METER READ (AMR) SYSTEMS FOR RESIDENTIAL NATURAL GAS METER**
Sk. Md. Golam Mostafa
- ➡ **PI-242: DESIGNING AND DEVELOPMENT OF GSM BASED ENERGY METER**
Sk. Md. Golam Mostafa
- ➡ **PI-247: DEVELOPMENT OF AN AUTOMATIC FOOD PACKGING SYSTEM**
M. A Kader, M. A Islam, M. R Uddin and M. J Hossen
- ➡ **PI-256: DATA ACQUISITION SOFTWARE FOR SYSTEM TEMPERATURE MONITORING**
Muhammad Reaz Uddin, Md. Mezba Uddin and Shah Muhammad Fuad
- ➡ **PI-263: DESIGN OF ARETHMETIC LOGIC UNIT USING VHDL**
Md. Rashedul Islam Sarker, Raju Ahamed, Md. Kamal Hossain and Quazi Delwar Hossain
- ➡ **PI-265: MICROCONTROLLER BASED LPG GAS DETECTION**
M N Ullah, M T Islam and M A Islam

➡ **PI-288: DESIGN AND FABRICATION OF A PASSWORD PROTECTED AUTOMATIC SLIDING DOOR**

M T Islam, R Pal and M A Islam

➡ **PI-298: DESIGN AND FABRICATION OF A MODEL OF REMOTE CONTROLLED HOVERCRAFT**

S. Chowdhury, M. S. Rabbi and S. C. Banik

➡ **PI-303: Development of a GSM SMS Based Humidity Remote Monitoring and Control System for Industrial Applications.**

Shah Muhammad Fuad, Md. Mahbubul Alam, Muhammad Reaz Uddin, Md. Mezba Uddin and Md. Asif Rezwana

Technical Session – IV (E): Fuel & Combustion-II

➡ **PI-220: ANAEROBIC CO-DIGESTION OF SEWAGE SLUDGE AND KITCHEN WASTE FOR BIOGAS PRODUCTION**

Salma A. Iqbal, Shahinur Rahaman, Mizanur Rahman and Abu Yousuf

➡ **PI-226: PARAMETRIC ANALYSIS OF COCONUT OIL AND WASTE VEGETABLE OIL IN A DIESEL ENGINE**

Soma Chakraborty, Amit Adhikary and Maglub Al Nur

➡ **PI-228: CONSTRUCTION OF A GAS TURBINE/JET ENGINE WITH AN AUTOMOBILE TURBOCHARGER**

Deshbandhu Halder

➡ **PI-245: COAL AND ITS COMBUSTION PRODUCTS: A GLOBAL PERSPECTIVE**

Md. Moinul Islam, Sabrina Islam and Md. Saiful Islam

➡ **PI-249: STUDY ON PRODUCTION OF BIOGAS FROM MIXTURE OF COWDUNG AND CHICKEN EXCRETA USING SILICA GEL AS A CATALYTIC**

Debdatta Das, J U Ahamed, Santoshi Saha, Md. Shamim Hossain and Farzana Akter

➡ **PI-268: RECENT DEVELOPMENT IN PRODUCING BIODIESEL FROM NON-EDIBLE OIL FEEDSTOCKS**

Muhammad Mostafa Kamal Bhuiya, Mohammad Golam Rasul, Nanjappa Ashwath and Mohammad Masud Kamal Khan

➡ **PI-300: PRODUCTION OF PYROLYSIS OIL FROM PINE SEEDS THROUGH FIXED BED PYROLYSIS PROCESS AND ITS COMPARISON WITH FOSSIL OIL**

Md. Abdur Rahim, Md. Tasruzzaman Babu and Md. Sohel Rana

➡ **PI-302: DEVELOPMENT OF A SELF SUFFICIENT PYROLYSIS SYSTEM FOR PRODUCTION OF LIQUID FUEL FROM WASTE TIRE**

M. A. Kader, M. R. Islam and H. Haniu

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