



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বিদ্যুৎ, জ্বালানি ও খনিজসম্পদ মন্ত্রণালয়
বাংলাদেশ জ্বালানি ও বিদ্যুৎ গবেষণা কাউন্সিল (বিইপিআরসি)
আইইবি ভবন (১২তম তলা), রমনা, ঢাকা।



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জ্বালানি ও বিদ্যুৎ সংশ্লিষ্ট দেশে এবং বিদেশে অবস্থানরত বাংলাদেশী গবেষকদের তালিকা

SL	Name & Designation	Area of Expertise/ Research Area
1.	Prof. Mohammad Tamim S1 Professor, Dept. of Petroleum and Mineral Resources Engineering (PMRE), BUET	Gas/oil Recovery, Reservoir Simulation, Artificial Lift, Production, Natural Gas Transmission/ Distribution. Petroleum and Energy Economics, Environment, Energy Policy, Planning and Regulation
2.	Arshad Mansoor, Ph.D., President & CEO, Electric Power Research Institute (EPRI), USA	Power System Engineering
3.	Dr. Kazi Bayzid Kabir Professor Dept. of Chemical Engineering, BUET	Solid Fuels/Biomass-to-liquid Solid Fuels, Gasification, Coal/Biomass-to-Liquid, Heterogeneous catalysis
4.	Dr. Maglub Al Nur Professor Dept. of Mechanical Engineering, BUET Email: maglub@me.buet.ac.bd	Energy Systems Modeling Energy Economics/Automobiles Engineering/Energy and Environment
5.	Dr. Md. Ehsan Professor Dept. of Mechanical Engineering, BUET	Thermal Engineering
6.	Dr. Md. Zahurul Haq Professor Dept. of Mechanical Engineering, BUET zahurul@me.buet.ac.bd M.Z.Haq95@gmail.com	Thermodynamics, Energy conversion and optimization, Combustion & Fuels
7.	Dr. Abdul Hasib Chowdhury Professor Dept. of EEE, BUET Cell: +88 01711 901 568 Email: hasib@eee.buet.ac.bd	Power System Stability Power System Reliability Power System Optimization Power Quality
8.	Md. A.S.M Alamgir Kabir Former Chairman, BPDB	Power System Engineering
9.	Mosharraf Hossain Bhuiyan Former Chairman, Petrobangla	Petroleum
10.	Dr. Dil Afroza Begum Professor Dept. of Chemical Engineering, BUET. Mobile: 01777743667	Oil & Gas Processing

SL	Name & Designation	Area of Expertise/ Research Area
11.	Saifur Rahman, PhD IEEE President-elect 2022 Joseph Loring Professor & Director, VT advanced Research Institute. Email: srahman@vt.edu	Load Forecasting & Energy Efficiency
12.	Sadrul Ula Professor Emeritus of Electrical & Computer Engineering University of Wyoming Email: ulas@uwyo.edu	Energy Planning & Energy Efficiency
13.	Dr. M.A.A. Shoukat Choudhury Professor Dept. of Chemical Engineering, BUET	Process Control & Energy Efficiency
14.	Dr. Shoeb Ahmed Professor Dept. of Chemical Engineering, BUET Email: shoebahmed@che.buet.ac.bd	Bioenvironmental Engineering & Energy Efficiency
15.	Dr. Mohammad Arif Hasan Mamun Professor Dept. of Mechanical Engineering, BUET arifhasan@me.buet.ac.bd	Thermo-Fluids, Renewable Energy, Energy Audit
16.	Dr. Md. Ziaur Rahman Khan Professor Dept. of EEE, BUET	Energy Efficiency Energy Audit
17.	Dr. Zebun Nasreen Ahmed Professor Dept. of Architecture, BUET	Green Building
18.	Md. Mustafizur Rahman Energy Efficiency Expert Energy Auditor (Retd) Energy Audit Cell, Power Division	Energy Audit
19.	Prof. Dr. M. Rezwana Khan Vice Chancellor United International University, Dhaka. rezwanm@uiu.ac.bd	Solar Power
20.	Prof. Saiful Haque Professor & Director Institute of Energy, University of Dhaka	Solar Power
21.	Dr. Muhammad Mahbubul Alam Professor Dept. of Mechanical Engineering, BUET	Wind Engineering

SL	Name & Designation	Area of Expertise/ Research Area
	mmalam@me.buet.ac.bd 01711944723	
22.	Prof. S.Shahnawaz Ahmed Professor Dept. of EEE, BUET ssahmed@eee.buet.ac.bd cell +88 01552321941	Electrical Energy and Power Systems (EEPS) Smart Grid
23.	Prof. Dr. S. M. Lutful Kabir Professor Institute of Information and Communication Technology (IICT), BUET	Microprocessor and Microcontroller
24.	Prof. Dr. AKM Sadrul Islam Professor Mechanical & Chemical Engineering Dept. Islamic University of Technology (IUT).	Waste to Energy
25.	Mr. Md. Shahriar Ahmed Chowdhury Assistant Professor & Director-CER United International University, Dhaka.	Photovoltaic Materials and System
26.	Prof. Shahidul Islam Khan Professor Dept. of Electrical Engineering, BUET shahidul.khan@bracu.ac.bd Cell: +88 01819 245 110	Solar Power
27.	Asma Haque Prokaushali Sangsad Ltd. Banani, Dhaka.	Solar Home System
28.	Dipal Chandra Barua President Bangladesh Solar & Renewable Energy Association Banani, Dhaka	Solar Home System
29.	Didar Islam Founder Solaric Baridhara, Dhaka.	Nano Grid & Solar Power
30.	M A Gofran Chairman Bangladesh Bio Gas Development Foundation	Biogas
31.	Dr. Mohammad Abu Eusuf Professor & Former Chairman Dept. of Development Studies University of Dhaka Cell: 01711278444 Email: abu.eusuf@du.ac.bd	• Energy, Environmental and Socio-economic Impact Analysis
32.	Dr. Md. Anwar Hossain	• Energy, Environmental and Socio-economic Impact Analysis

SL	Name & Designation	Area of Expertise/ Research Area
	Professor Dept. of Social Science University of Dhaka	
33.	Md. Shahadat Hossain siddique Professor Dept. of Economic University of Dhaka	• Energy, Environmental and Socio-economic Impact Analysis
34.	Dr. Mohammad Yunus Senior research fellow Bangladesh Institute of Development Studies myunus@bids.org.bd	• Energy, Environmental and Socio-economic Impact Analysis
35.	Dr. Monzur Hossain Research Director Bangladesh Institute of Development Studies monzur@bids.org.bd	• Energy, Environmental and Socio-economic Impact Analysis
36.	Dr Nahid Al Masood Associate Professor Department of EEE, BUET nahid@eee.buet.ac.bd +88 01716 494 885	• Renewable Energy • Conventional Energy • Transmission and Distribution- Integration and Infrastructure
37.	Dr. A.H.M. Abdur Rahim Visiting Professor Dept. of EEE, BRAC University abu.hamed@bracu.ac.bd	Renewable Energy Power Systems and Control Theory wind energy systems and their integration to power systems
38.	Md. Masoodur Rahman Khan Associate Professor Dept. of EEE, AUST Cell: 01552-312 357	• Energy Efficiency and Demand Management • Responsible Energy Conservation
39.	Mohammad Shahriar Rahman, PhD Associate Professor Department of CSE of ULAB	• Energy Efficiency and Demand Management
40.	Dr. Bashudeb Chandra Ghosh Professor EEE Dept., KUET bcg@kuet.ac.bd , bcg@nwu.ac.bd +880-1711190490	• Renewable Energy • Energy Efficiency and Demand Management
41.	Dr. A.N.M. Mizanur Rahman Professor ME Dept., KUET drmizan@me.kuet.ac.bd	• Responsible Energy Conservation • Renewable Energy • Energy, Environmental and Socio-economic Impact Analysis
42.	Dr. Md. Rafiqul Islam (1) Professor EEE Dept., KUET mri@eee.kuet.ac.bd	• Energy Efficiency and Demand Management • Renewable Energy

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43.	Dr. Md. Shahjahan Professor EEE Dept., KUET jahan@eee.kuet.ac.bd	<ul style="list-style-type: none"> • Renewable Energy • Energy Efficiency and Demand Management • Transmission and Distribution- Integration and Infrastructure
44.	Dr. Mohammad Ariful Islam Professor ME Dept., KUET & Head Dept. of Energy Science & Engineering	Energy Efficiency and Demand Management
45.	Dr. Md. Rafiqul Islam (2) S2 Professor EEE Dept., KUET mrafiq@eee.kuet.ac.bd	<ul style="list-style-type: none"> • Renewable Energy • Energy Efficiency and Demand Management • Energy, Environmental and Socio-economic Impact Analysis
46.	Dr. Naruttam Kumar Roy Associate Professor EEE Dept., KUET	Power System Stability Renewable Energy Sources Smart Grids Electrical Machines Control Systems
47.	Muhammad Quamruzzaman Professor Department of EEE, CUET qzaman359@cuet.ac.bd	Power Electronics, Solar PV systems integration with grid, Electrical Power Transmission and Distribution, Power System Analysis Thin Films and Photonic Devices
48.	Dr. Mahmud Abdul Matin Bhuiyan Professor Dept. of EEE, CUET imamatin@yahoo.com, mamatin@cuet.ac.bd Cell: +8801713109853	Renewable Energy Energy Conversion, Renewable Energy Resources, Electrical Machines, Solar Photovoltaic Technologies, Solar Cells, Materials and PV systems, Microelectronics, Optical devices (couplers, switches & OADM), All optical networks (AON). High density optical switches. Electronic devices.
49.	Dr. Md. Tazul Islam Professor Mech. Eng. Dept.& Director, IICT, CUET	Renewable Energy (Wind, Wave) Fluid mechanics and Machinery, Renewable energy and Refrigeration and Air Conditioning
50.	Dr. Mohammad Ashikur Rahman Joardar Professor Dept. of Architecture, BUET	<ul style="list-style-type: none"> •Responsible Energy Conservation •Renewable Energy •Transmission and Distribution- Integration and Infrastructure
51.	DR. HIMANGSHU RANJAN GHOSH Assistant Professor at Institute of Energy University of Dhaka hrgosh@du.ac.bd cell: 01711977248	Renewable Energy (Solar, Wind, Solar Cell Materials, Solar Thermal System)
52.	Dr. Mohammad Ismail	•Renewable Energy (Bio fuel, Bio Gas)

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	Associate Professor Department of Applied Chemistry & Chemical Engineering, University of Dhaka	•Energy, Environmental and Socio-economic Impact Analysis
53.	Saeed Mahmud Ullah, Ph.D. Professor Dept. of Electrical and Electronic Engineering, University of Dhaka ullahsm@du.ac.bd cell: 01732310343	Renewable Energy (Hybrid Renewable energy, Photovoltaics) Photovoltaics, Hybrid Renewable energy systems.
54.	Dr. S. M. NASIF SHAMS Assistant Professor Institute of Energy University of Dhaka nasifshams@gmail.com cell: 01983444555	Renewable Energy
55.	Abu Shahadat Md. Ibrahim Assistant Professor Institute of Energy, University of Dhaka shahnaoaj_ibrahim@yahoo.com	•Energy, Environmental and Socio-economic Impact Analysis
56.	Dr. M.Helal Uddin Ahmed, PhD Professor Department of Management Information Systems (MIS) University of Dhaka helal@du.ac.bd Cell: +88-01783368720	Wireless Network
57.	Md. Abu Sayid Mia Lecturer Institute of Leather Engineering and Technology	Renewable Energy
58.	Prof. Dr. Ain-UI- Huda Chairman Physics Department Jagannath University Cell: +8801716914438 ainul.huda@phys.jnu.ac.bd	• Renewable Energy • Energy Efficiency and Demand Management •Energy, Environmental and Socio-economic Impact Analysis
59.	Dr. Mohammad Rafiqul Islam (M R Islam) Professor Department of Physics University of Chittagong	• Energy Storage Material Science
60.	Dr. Shyamal Ranjan Chakraborty Professor Department of Physics University of Chittagong	• Nuclear physics Material Science

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61.	Dr. Md. Mashiur Rahman Professor, Department of Physics University of Chittagong	<ul style="list-style-type: none"> • Nuclear physics Quantum Mechanics
62.	Mohammad Asadul Haque Associate Professor Department of Physics University of Chittagong	Renewable Energy
63.	Dr. Hasan Md. Mostafa Afroz Professor, Dept. of ME DUET C: +88 01818273067	<ul style="list-style-type: none"> • Thermodynamics Heat Transfer
64.	Dr. Kashem Muttaqi Professor School of Electrical, Computer and Telecommunications Engineering Australian Power Quality and Reliability Center, University of Wollongong, New South Wales, Australia kashem_muttaqi@uow.edu.au	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy • Transmission and Distribution-Integration and Infrastructure
65.	Dr. GM Shaifullah Senior Lecturer Murdoch University Australia GM.Shafiullah@murdoch.edu.au	<ul style="list-style-type: none"> • Renewable Energy • Energy, Environmental and Socio-Economic Impact Analysis
66.	Dr. Badrul Chowdhury Duke Energy Distinguished Professor University of North Carolina at Charlotte b.chowdhury@charlotte.edu	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy • Transmission and Distribution-Integration and Infrastructure • Energy, Environmental and Socio-Economic Impact Analysis
67.	Dr. Tapan Saha Professor of Electrical Engineering and leader Power & Energy Systems Research Division University of Queensland Brisbane, Australia saha@eecs.uq.edu.au	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy • Transmission and Distribution-Integration and Infrastructure
68.	Iftexhar Hasan Senior Engineering Manager, ABB, USA	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy
69.	Dr. Mohd Hasan Ali Associate Professor	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy • Transmission and Distribution-Integration and Infrastructure

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	Dept. of Electrical and Computer Engineering University of Memphis, USA mhali@memphis.edu	<ul style="list-style-type: none"> • Conventional Energy
70.	Dr. Jahangir Khan Specialist Engineer, BC Hydro	Transmission and Distribution-Integration and Infrastructure
71.	Natalie Hossain Engineer in Corporate Environmental Affairs of Lower Colorado River Authority (LCRA) a semi-autonomous Texas state agency	Energy, Environmental and Socio-Economic Impact Analysis
72.	Dr. Md. Apel Mahmud Associate Professor Northumbria University, UK mamahmud03@gmail.com md.a.mahmud@northumbria.ac.uk cell: +448724693407	<ul style="list-style-type: none"> • Energy Efficiency and Demand Management • Renewable Energy • Conventional Energy • Transmission and Distribution- Integration and Infrastructure • Energy, Environmental and Socio-economic Impact Analysis
73.	Dr. Syed Mofizul Islam Dean, School of Engineering, Information Technology and Physical Sciences Federation University, Australia s.islam@federation.edu.au cell: +613 532 8534	<ul style="list-style-type: none"> • Energy Efficiency and Demand Mangement • Renewable Energy • Transmission and Distribution- Integration and Infrastructure
74.	Dr. Ahmed Y. Saber Principal Power Engineer R&D Manager of Smart Power System Optimization Dept. (T&D) ETAP, Irvine, CA,USA	<ul style="list-style-type: none"> • Renewable Energy • Conventional Energy • Energy, Environmental and Socio-economic Impact Analysis
75.	Iqbal Husain, Ph.D. IEEE Fellow ABB Distinguished Professor, NC State University Director, FREEDM Engineering Research Center Editor-in-Chief, IEEE Electrification Magazine iqbal_husain@ncsu.edu cell: 919-513-5927	<ul style="list-style-type: none"> • Responsible Energy Conservation • Renewable Energy • Energy, Environmental and Socio-economic Impact Analysis
76.	Dr. Syed Razzaqul Mushtaque Ahmed Head of Operational Planning GCC Interconnection Authority (GCCIA) Saudi Arabia.	<ul style="list-style-type: none"> • Renewable Energy • Transmission and Distribution- Integration and Infrastructure • Energy, Environmental and Socio-economic Impact Analysis
77.	Dr. Mashiur Bhuiyan Manager, Nodal Market Analysis	<ul style="list-style-type: none"> • Renewable Energy • Transmission and Distribution- Integration and Infrastructure

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	NextEra Energy Resources Florida, USA	
78.	Dr. Shama Islam Senior Lecturer in Electrical Engineering Deakin University Australia shama.i@deakin.edu.au	<ul style="list-style-type: none"> • Energy Efficiency • Demand Management Renewable Energy • Energy, Environmental and Socio-economic Impact Analysis
79.	Dr. Mazharul Islam Professor Department of MPE, AUST mazharul.islam.mpe@aust.edu	<ul style="list-style-type: none"> • Renewable energy systems • Mechanical systems of Conventional Power Plants • Heating, Ventilation & Air-Conditioning; • Green / Sustainable Buildings
80.	Hassan Mahmud, PhD Professor Ex-Chairman Department of Environmental Science and Management (DESM) North South University (NSU)	<ul style="list-style-type: none"> • Solid and hazardous waste management • Waste to resources/energy • Water/waste water/effluent treatment • Environmental health • Development and utilization of polymeric membrane for environmental applications
81.	Dr. Khondokar Mizanur Rahman Teaching and Research Fellow School of Engineering and the Built Environment Millennium Point, Curzon Street, Birmingham City University Khondokar.Rahman@bcu.ac.uk	Renewable Energy (Bio Mass, Bio Gas)
82.	Dr. Md. Hasanuzzaman Associate Professor University of Malaya hasan@um.edu.my cell: 0322463405	<ul style="list-style-type: none"> • Energy Conservation • Energy Efficiency and Demand Management • Renewable Energy
83.	Dr. Feroz Kabir Senior Lecturer Chemical Engineering Program Sheffield Hallam University, UK f.kabir@shu.ac.uk cell: 0114 225 5287	Renewable Energy biomass pre-treatment, conversions, upgrading, solar PV and processes developments and techno-economic analysis of novel and pioneer plants,
84.	Dr. M Azizul Moqsud Associate Professor, Yamaguchi University, Japan visiting scholar in Department of Civil and Environmental Engineering,	<ul style="list-style-type: none"> • Renewable energy • Energy, Environmental and Socio-economic Impact Analysis geo-environmental engineering, bioremediation, microbial fuel cells, organic waste recycling and green energy field.

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	University of California, Berkeley, USA azizul@berkeley.edu	
85.	Shaikh Abdur Razzak, PhD Associate Professor Department of Chemical Engineering King Fahd University of Petroleum and Minerals Dhahran Saudi Arabia Email: srazzak@kfupm.edu.sa Tel.: +966-3-860-7460	<ul style="list-style-type: none"> • Renewable energy • Conventional Energy <p>fluidization, wastewater treatment, CO2 Mitigation, microalgae growth kinetics, microalgae to valuable fuel, CO2 conversion to bioenergy, reaction Engineering and kinetics, catalysis, H2S conversion to Sulphur.</p>
86.	Mohammad Mozahar Hossain Professor Chemical Engineering, KFUPM mhossain@kfupm.edu.sa Tel.: +966-3-860-1478	<ul style="list-style-type: none"> • Renewable Energy (Biomass) • Energy, Environmental and Socio-economic Impact Analysis <p>main focus is on the development of next generation technologies in order to use valuable resources such as petroleum feed stocks and bio-resources more efficiently with minimum environmental impacts. He performed substantial research in petroleum refining, petrochemicals and chemical-looping combustion (CLC-carbon dioxide capture)</p>
87.	Dr. Sheikh Zahidul Islam Senior Lecturer in Mechanical Engineering Robert Gordon University, UK	<ul style="list-style-type: none"> • Renewable Energy – Wind, hydro and energy storage • Energy Efficiency and Demand Management – Energy system performance evaluation, heat recovery and optimization • Conventional Energy
88.	M. M. Faruque Hasan Associate Professor Artie McFerrin Department of Chemical Engineering Texas A&M University And Assistant Director (Decarbonization), Texas A&M Energy Institute hasan@tamu.edu	<ul style="list-style-type: none"> • Energy efficiency and demand management • Conventional Energy • Sustainable Hydrogen Economy • Systems and Technoeconomic Analysis • Decarbonization pathways; CO2 capture and utilization <p>developing fundamental process systems engineering and optimization methods for the design, intensification and analysis of chemical processes with applications to carbon capture, natural gas utilization, energy, the environment and sustainability.</p>
89.	Mamdud Hossain Reader, Mechanical Engineering Robert Gordon University, UK	Renewable Energy Fuel Cell Computational Fluid Dynamics
90.	Shabbir Parvez CEO, AstroComm Technologies, LLC, Oak Hill, Virginia, USA	Responsible Energy Conservation
91.	Bidyut Baran Saha, PhD Professor and Principal Investigator, International Institute for Carbon-Neutral Energy Research	Adsorption heat pump system, adsorption desalination, heat transfer enhancement, energy efficiency assessment

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	(WPI-I2CNER), Kyushu University, Japan saha.baran.bidyut.213[at]m.kyushu-u.ac.jp Phone:+81-92-802-6722	
92.	Dr. Abu Bakar Md. Ismail Professor, Department of Applied Physics and Electronic Engineering, University of Rajshahi ismail@ru.ac.bd, rubon_ismail@yahoo.com	Renewable Energy Energy Materials, Photonic materials, Sensors & Instrumentations
93.	Engr. M Ali Zulquarnain Former Chairman Bangladesh Atomic Energy Commission	Renewable Energy (Nuclear)
94.	Dr Hasan Shaheed Senior Lecturer, School of Engineering and Materials Science Queen Mary University of London, UK m.h.shaheed@qmul.ac.uk	Renewable Energy Design, models development, control and optimisation of autonomous, robotics and renewable energy systems using traditional, artificial intelligence (AI) and machine learning (ML) approaches. Application areas include, [1] Aerial Robotics and Solar Aerial Robotics for inspection and monitoring [2] Medical Robotics: Capsule robot for GI tract inspection, Surgical robots, Retractor for surgery [3] Assistive technologies: prosthetics and elderly care robots [4] Robotics for remote inspection and handling: Leader-follower robot and pipe-inspection robot [5] Renewable Energy Systems: PV, Wind turbine, Osmotic Power/Blue Energy and hybrid technologies [6] Water Treatment: Desalination/Water Treatment powered by hybrid renewable energy technologies [7] Expert systems with application to disease prognosis and classification
95.	Dr. Monjur Mourshed Professor, School of Engineering Cardiff University, Uk MourshedM@cardiff.ac.uk	<ul style="list-style-type: none"> • Energy, Environmental and Socio-economic Impact Analysis • Energy Conservation • Energy Efficiency and Demand Management <p>energy and environmental modelling for sustainability.</p> <p>smart, resilient and sustainable buildings and cities.</p> <p>led the DECC-funded development of 2050 national energy, emissions and food pathways for Bangladesh.</p> <p>Research focused on the socioeconomic evolution of energy demand and how the increasing demand can be met in a without affecting energy security and carbon intensity.</p>

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96.	Reaz Hasan Associate Professor School of Engineering and the Built Environment Birmingham City University, UK	<ul style="list-style-type: none"> • Conventional Energy • Renewable Energy
97.	Rupesh Chandra Roy Director Pilot Plant & Project Development Centre, BCSIR	Renewable Energy (Wind)
98.	A. K. M. Fazle Kibria Chief Scientific Officer and Director, Nuclear Safety, Security and Safeguards Division, Bangladesh Atomic Energy Commission	Energy Storage
99.	Dr. Md. Abdul Quaiyyum Professor Department of Applied Chemistry and Chemical Engineering University of Dhaka quaiyyum@du.ac.bd Cell: 01552371350	Energy Storage
100.	Dr. A.K.M. EHTESANUL ISLAM PROFESSOR, EEE, AUST ehtesan@aust.edu	Transmission & Distribution- Integration & Infrastructure
101.	Dr. Subrata Kumar Aditya Professor Dept. of EEE University of Dhaka aditya@du.ac.bd cell: 01819449015	<ul style="list-style-type: none"> • Renewable Energy • Transmission & Distribution- Integration & Infrastructure <p>Solar Thermal and Photo-voltaic System, Power System Operation and Control, Power System Analysis,</p>
102.	Dr. M Junaebur Rashid Associate Professor Dept. of EEE University of Dhaka mjrashid@du.ac.bd	Renewable Energy (Solar Cell, Thin film)
103.	Dr. Golam Sarwar D.Sc. (Tech.) University Lecturer, Department of Chemical and Metallurgical Engineering, Aalto University, Finland	Renewable Energy
104.	Dr. Seikh Mohammad Habibur Rahman, Former Researcher, Department of	<ul style="list-style-type: none"> • Responsible Energy Conservation • Energy Efficiency and Demand Management • Renewable Energy

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	Chemical and Biological Engineering Chalmers University of Technology GÖTEBORG, Sweden	<ul style="list-style-type: none"> • Conventional Energy • Energy, Environmental and Socio-economic Impact Analysis
105.	Dr. Mohammad Nur E Alam Research Fellow Edith Cowan University, Australia m.nur-e-alam@ecu.edu.au	Renewable Energy <ul style="list-style-type: none"> • Magneto-photonic / plasmonic crystals • Thin film materials and coatings • Micro/Nano fabrication process • Optical microstructures
106.	Dr. Fazle Rabbi Assistant Professor, Department of Mechanical and Production Engineering (MPE), Ahsanullah University of Science and Technology (AUST), Tejgaon, Dhaka fazle.rabbi.mpe@aust.edu	Renewable Energy
107.	Md. Asraful Alam, PhD Associate Professor School of Chemical Engineering and Energy, Zhengzhou, China	Renewable Energy
108.	Dr. Mohammad Mazharul Islam Research Fellow Dept. of Chemistry, University of Bath, UK joined University of Cardiff in 2021 as a Research Associate	Energy Storage research areas including (i) energy materials such as batteries, solar energy, (ii) investigation of photocatalytic activities of TiO ₂ , (iii) materials for construction, transportation, power generation etc, and (iv) catalyst materials based on mesoporous oxides.
109.	Dr. Kafil Uddin Mohammad Razeeb Senior Staff Researcher Tyndall National Institute University College Cork, Ireland	Energy Storage
110.	Dr. Mokarram Hossain Senior Lecturer College of Engineering, Swansea University, UK Associate Professor, Mechanical Engineering mokarram.hossain@swansea.ac.uk	Renewable Energy <ul style="list-style-type: none"> • Modelling composite materials • Experimental mechanics • Electro- and magneto-active polymers • Homogenization • Numerical methods for solid mechanics
111.	Dr. Prodip Kumar Das Assistant Professor Newcastle University, UK	Sustainable Energy Conversion and Storage, Electrochemical Device
112.	Dr. Alam Md. Mahbub Professor Dept. of Mechanical and Automation Engineering Harbin Institute of Technology, Shenzhen, China	Renewable Energy, Wind Turbine, Ocean Energy
113.	Dr. Tareq Aziz Professor	renewable integration, demand-side management, and electric vehicle charging schemes

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	Dept. of EEE, BRAC taziz.eee@aust.edu cell:	
114.	Dr. Mohammad Ariful Haque Professor Dept. of EEE, BUET arifulhoque@eee.buet.ac.bd +88 01687 129 593	Digital signal processing Renewable energy, Artificial Intelligence <ul style="list-style-type: none"> • Deep learning • Digital signal processing • Automatic speech recognition • Natural language processing • Robotics and automation
115.	Dr. Md Enamul Haque Senior Lecturer School of Engineering Deakin University, Australia enamul.haque@deakin.edu.au cell: +61 (0) 411 69 44 74	Renewable Energy & Power Electronics and Machine Drives Renewable energy (wind, Solar PV), Electric vehicles, Battery and supercapacitor energy storage, Digital twin for Microgrid, Smart grid, Cyber security in energy systems, and power electronics applications in Renewables, electric vehicle and energy storage.
116.	Dr. Md Shahriar Al Hossain Associated Professor School of Mechanical and mining Engineering Affiliate of Centre for Advanced Materials Processing and Manufacturing (AMPAM) Centre for Advanced Materials Processing and Manufacturing The University of Queensland, Australia. md.hossain@uq.edu.au cell: +61 7 336 58214	Energy Storage, Material Science Materials Science and Engineering Superconductivity
117.	Dr Md Abdus Salam Project Director “Establishment of Hydrogen Energy Laboratory project & Senior Principal Engineer, Institute of Mining, Mineralogy & Metallurgy (IMMM) Bangladesh Council of Scientific and Industrial Research (BCSIR)	Hydrogen Production, Storage and Purification, Hydrogen Fuel Cell
118.	Prof. Dr. Barun Kumar Das Professor, Mechanical Engineering Department, RUET.	Grid, Micro-grid and Hybrid energy System; Grid Connected PV, Pump-hydro storage system, PV/Diesel/battery hybrid systems; Solar PV performance, combined heat and power system, Techno economic Analysis, exergo-environmental analysis, solar irrigation, Solar home system, energy generation by landfill technique; waste to energy.

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119.	Dr. Md. Aminul Islam Associate Professor Petroleum and Mining Engineering Department Jessore University of Science & Technology.	Hydrogen energy, regenerative fuel cell, photocatalytic activity, Bioenergy, bioelectricity, hydrothermal liquefaction, bio-oil, Technology-specific long term energy policy, Decarbonization of energy sector.
120.	Dr. Imran Khan Associate Professor Electrical and Electronic Engineering Department, Jessore University of Science & Technology i.khan@just.edu.bd	Demand response & demand side management, household energy demand management, smart meter, wind power, power market, electricity storage, carbon market, power generation expansion planning, Electricity grid expansion, low carbon development plan of power generation and transmission sector, nano grid, Peer-to-peer electricity trading, waste to hydrogen production, Waste to energy.
121.	Prof. Dr. Chayan Kumer Sah Professor, Department of Farm Power and Machinery, Faculty of Agricultural Engineering and Technology, Bangladesh Agricultural University	Anerobic Digestion, biogas technology, biofuel, methane production from bio source.
122.	Dr. Mohammed Mahbubul Islam Assistant Professor, Institute of Energy, Dhaka University of Engineering & Technology Former Assistant Professor, Center of Research Excellence in Renewable Energy, King Fahd University of Petroleum & Minerals (KFUPM), Dhahran, Saudi Arabia.	Renewable Energy, Solar PV, Hybrid Energy System, Refrigeration System, Heat Transfer, Thermal Energy Storage, Biofuels,
123.	Dr. Probita Halder Alfred Deakin Vice-Chancellor Postdoctoral Fellow, Deakin University, Australia. Former Assistant Professor Jessore University of Engineering & Technology.	Bio oil, Hydrothermal carbonization, biochar, Pyrolysis, Hydrogen Production & Catalyst, hydrothermal liquefaction, Alternative fuels (hydrogen and nanofuel) and engine performance, Renewable energy generation and storage, Sustainable process for bioenergy, Hydrogen fuel cell electric vehicles, Waste to carbon materials and functional biochar, Carbon materials for energy storage,

SL	Name & Designation	Area of Expertise/ Research Area
		Recycling biochar into hi-tech applications, Resources recovery and circular economy
124.	<p>Dr. Bilash Kanti Bala Department of Electrical and Electronic Engineering, Fareast International University, Banani, Dhaka</p> <p>Former Professor, Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh.</p>	Energy planning and modeling, Solar diesel hybrid system, mini grid, LEAP modeling tool, biomass energy, biogas, Solar tunnel drier, Modelling of electrical energy recovery from urban solid waste system
125.	<p>Dr. M. S. Hossain Lipu Department of Electrical and Electronic Engineering Green University of Bangladesh Dhaka-, Bangladesh.</p>	battery storage and management systems, electrical vehicles, power electronics, intelligent controllers, artificial intelligence, and optimization in renewable systems, off grid renewable,
126.	<p>Dr. Abu Yousuf Chemical Engineering & Polymer Science Department Shahjalal University of Science and Technology, Sylhet, Bangladesh</p>	Regenerative fuel cell, bioelectricity& bioenergy, biohydrogen , electrocatalyst of CO2 to methane.
127.	<p>Dr. Mohammad Rofiqul Islam Department of Mechanical Engineering, RUET, Rajshahi, Bangladesh.</p>	Pyrolysis reactor, bio-fuel, bio-oil, energy from scrap Tires and rubber waste. Grid, minigrid & Hybrid Energy System.
128.	<p>Dr. Golam Kabir Program Chair and Associate Professor, Faculty of Engineering and Applied Science, University of Regina, Regina, Canada</p>	<ul style="list-style-type: none"> ▪ Gas Pipelines; Accident; Natural Gas Transportation ▪ Wind turbine <p>Solar Energy Development & Emerging Economy</p>
129.	<p>Dr. Kaisar R. Khan Lead Engineer, Nationalgrid, New York, USA.</p>	<ul style="list-style-type: none"> ▪ Grid; Microgrid; Hybrid Energy Systems ▪ Energy; Costing; Outages <p>Energy Resources; Smart Grid; Power Quality</p>
130.	<p>Dr. Md Anisur Rahman Principal Scientific Officer Bangladesh Sugarcrop Research Institute</p>	Anaerobic digestion, biofuel& methane production, Photocatalyst

SL	Name & Designation	Area of Expertise/ Research Area
131.	<p>Mahadi Hasan Masud</p> <p>Research Fellow RMIT University, School of Engineering, Melbourne, Australia</p> <p>Former Assistant Professor, RUET, Dhaka. Bangladesh</p>	Solar dryer, Heater
132.	<p>Dr. Md Raju Ahmed</p> <p>Dhaka University of Engineering and Technology, Gazipur, Department of Electrical and Electronic Engineering, Gazipur, Bangladesh</p>	<ul style="list-style-type: none"> ▪ Grid; Microgrid; Hybrid Energy Systems ▪ Electric Vehicle; Vehicle-To-Grid; Charging ▪ Photovoltaic System; Architectural Accessibility; Energy Storage ▪ Life Cycle Assessment; Photovoltaic System; Solar Collectors ▪ Outages; Interruption; Costs And Cost Analysis
133.	<p>Dr. A.S.M. Monjurul Hasan</p> <p>Post Graduate Researcher, School of Mechanical & Mechatronic Engineering in the Faculty of Engineering and IT, University of Technology Sydney, Australia</p> <p>Former Assistant Professor, Department of Electrical and Electronic Engineering, Bangladesh Army International University of Science and Technology, Cumilla, 3501, Bangladesh</p>	<p>Energy efficiency, Energy Management Practice, Industrial Energy, Energy Audit.</p> <p>Anaerobic Digestion; Biofuel; Methane Production.</p>
134.	<p>Dr. Sk A. Shezan</p> <p>Green University of Bangladesh, Department of Electrical and Electronic Engineering, Dhaka, Bangladesh</p>	<ul style="list-style-type: none"> ▪ Grid; Microgrid; Hybrid Energy Systems(Soalr, wind, biomass, diesel, battery) ▪ Grid; Power Sharing; Inverters ▪ Electric Fault Location; Fault Detection; Power Lines
135.	<p>Dr. Saidur Rahman</p> <p>Professor, Lancaster University, UK</p>	<p>Heat Transfer, phase change materials, latent heat, electric generator, thermoelectric cooling, PV system, Energy and energy efficiency, catalyst, steam reforming,</p>

SL	Name & Designation	Area of Expertise/ Research Area
	<p>And</p> <p>Distinguished Research Professor and Head of Research Centre for Nano-Materials and Energy Technology (RCNMET) School of Engineering and Technology, Sunway University saidur@sunway.edu.my</p>	<p>solar power plant, solar thermal energy, sodium ion batteries, ion storage, pyrolysis, battery electrode, perovskite solar cell, grid-microgrid & energy system, catalyst & hydrogen production, solar cooling, wind power and so on.</p>
136.	<p>DR. Mohammed Ayub Hossain</p> <p>Chief Scientific Officer Farm Machinery and Postharvest Process Engineering Division Bangladesh Agricultural Research Institute Gazipur, Bangladesh</p>	<p>Solar Irrigation, Solar Driyer</p>
137.	<p>Dr. Md Nurunnabi</p> <p>Assistant Professor The University of Texas at El Paso, El Paso, United States.</p>	<p>Grid; Microgrid; Energy Systems</p>
138.	<p>Dr. Mohammad Ashiqur Rahman</p> <p>Assistant Professor, Florida International University, Miami, USA.</p>	<p>Cyber Security Attack Resiliency Cyber Physical Systems Security Formal Security Analytics Artificial Intelligence</p> <p>(Source Google scholar)</p>
139.	<p>Dr. Md. Hafizur Rahman</p> <p>Associate Professor, Department of Environmental Science Independent University, Dhaka.</p>	<p>Environmental Chemistry</p>
140.	<p>Dr. Toufiq Reza</p> <p>Assistant Professor Biomedical and Chemical Engineering and Sciences Florida Institute of Technology, USA</p>	<p>reaction engineering, thermodynamics, heat and mass transfer, separations, scale-up, process design, and techno-economic assessment of hydrothermal carbonization, hydrothermal liquefaction, and solvothermal liquefaction</p> <p>Fundamentals of hydrogen bond properties, separation kinetics, thermodynamics, and fluid phase equilibria of task specific DES-based separations are studied using</p>

SL	Name & Designation	Area of Expertise/ Research Area
		conductor-like screening model for real solvents (COSMO-RS) and relevant experiments
141.	Dr. S M Shafiul Alam Research Scientist (Power & Energy Systems) Idaho National Laboratory (INL) USA.	Hybrid energy systems, Smart Grid, Digital real-time simulation, Statistical signal processing, Compressed sensing, Stochastic Hybrid Systems, Model predictive control, Distributed optimization
142.	Dr. Md. Sherajul Islam Professor Department of Electrical & Electronic Engineering, KUET Research Faculty (Jun-2021 to 2022) Electrical & Biomedical Engineering dept. University of Nevada Reno, USA	Photocatalyst, Nanomaterials physics
143.	Dr Mohammad Razaul Karim Professor, Department of Chemistry Shahjalal University of Science and Technology, Sylhet Visiting Professor, Department of Chemistry, King Abdul-Aziz University, Saudi Arabia	Carbon nanomaterials, Hydrogen Fuel cells, Photocatalytic Activity, Electrolysis, Electrocatalyst.
144.	Dr. Mohammed Abdul Basith Professor Department of Physics BUET, Dhaka	photocatalytic activity, photocatalyst, Nanotechnology, electrode materials, solar cell
145.	Dr. Shaikh Anowarul Fattah Professor, EEE, BUET +88 01937 800 854 fattah@eee.buet.ac.bd	<ul style="list-style-type: none"> • Deep Learning, Machine Learning, Generative AI, Quantum Machine Learning • Smart Grid, Smart City, Climate Actions • Load Forecasting, Demand Side Management, Fault Predictions • Renewable Energy, Energy Mix Management • Power System Analysis, Protection and Control, Nuclear Power • Control System, Robotics, Computer Vision, Biomedical, Signal Processing • Humanitarian Technology (sustainable development, healthcare, assistive technology)
146.	Dr. Celia Shahnaz Professor, EEE, BUET +88 01928 568 547 celia@eee.buet.ac.bd celia.shahnaz@gmail.com	AI and Deep Learning for <ul style="list-style-type: none"> • Smart Meter Electricity Anomaly Detection, • Power disturbances classification, • Power grid location identification, • Health monitoring of Solar PV panels. • Health Monitoring of Wind turbines

SL	Name & Designation	Area of Expertise/ Research Area
147.	Dr. Hafiz Imtiaz Professor EEE, BUET +88 01935 845 409 hafizimtiaz@eee.buet.ac.bd	<ul style="list-style-type: none"> load forecasting using machine learning techniques. Machine learning, decentralized computation, optimization, differential privacy, matrix & tensor factorization, feature learning, source separation, dimension reduction, computer vision, pattern recognition, neuroimaging, signal/image processing, semi-supervised learning in power system,
148.	Dr. Md Aman Uddin Assistant Professor, ME, BUET amanuddin@me.buet.ac.bd aman.uddin08@gmail.com	Hydrogen Fuel Cells, Electrolyzers, Energy Conversion and Storage, Energy Efficiency, Transport Phenomena.
149.	Dr. Md. Iqbal Hossain Professor, Chemical Engg., BUET iqbalhossain@che.buet.ac.bd	Fuel Chemistry and Technology; Refinery. Energy Management; Cleaner Production; Loss Prevention and Safety Promotion. Separation Processes; Kinetics and Catalysis; Hydrodynamics in Multiphase flow. LPG hydrate formation and inhibition
150.	Dr. Kawnish Kirtania Professor, Chemical Engineering, BUET kkdwip@che.buet.ac.bd	Low carbon technology, H2 economy, thermo-catalytic conversion, bioenergy Biofuels, CO2 Utilization, Life Cycle Analysis, Waste valorization, Techno-economics
151.	Dr. Md. Minarul Islam Associate Professor, EEE, DU +880-1818-446317 mmislam-eee@du.ac.bd	Grid stability and grid operation with renewable energy generation - Transmission grid modelling with strong focus on the application of Power System Software such as PSCAD and MATLAB. - Designing Fault/Inrush current limiter using Ansys-Maxwell with finite element analysis - Basic on power system economics
152.	Dr. Muhammad Abdul Goffar Khan Professor, EEE, RUET 880-1703129619 agmagk@gmail.com m.khan.bd@ieee.org	High Voltage Engineering. “Delta/Fork transformer for harmonics reduction Industrial Electronics. AC-DC power Supply Electrical power transmission and distribution system.
153.	Dr. Md. Shamim Anower Professor, EEE, RUET +880-1714081056 md.shamimanower@yahoo.com	Power system stability augmentation, power electronic converter design for renewable energy systems, economic energy scheduling, fault localization and classification in transmission and distribution networks, and sustainable technology integration Wireless Communication: Security Analysis Underwater Acoustic Signal Processing: Theory and Applications for ICT
154.	Dr. Abdul Khaleque Professor, EEE, RUET 880-1755986363 abdul.khaleque.eee@gmail.com	Plasmonic / Perovskite Solar Cells, Metamaterial Absorbers for solar energy harvesting, Optical Modulators, Nanophotonics, Plasmonics and optical devices, Advanced optical fibers, Nano-antennas & Integrated Optics, Fiber Laser (Q-switching).
155.	Dr. Mohammad Abdul Motin Associate Professor	<ul style="list-style-type: none"> Explainable AI Statistical Machine Learning

SL	Name & Designation	Area of Expertise/ Research Area
	EEE, RUET 880-1712863393 motin.eee.06@gmail.com	<ul style="list-style-type: none"> • Deep Learning in Healthcare • Biomedical Signal Processing • Non-linear Signal Decomposition • Data Driven Classification • Deep Learning in Renewable Energy • Machine Learning Techniques for Clean Energy
156.	Dr. G.K.M. Hasanuzzaman Professor EEE, RUET 880-1718969737 g.kibria82@yahoo.com	Machine learning for optical fiber design and optimization, Integrated Photonics for microwave photonics filter design, Hollow-core Anti-resonant fiber for High power laser application, Multi-core Anti-resonant fiber.
157.	Dr. Sumaiya Kabir Associate Professor EEE, RUET 880-1324953607 sumaiyakabir_09@yahoo.com	<ul style="list-style-type: none"> • Solar Photovoltaics (DSSC, Perovskite, TiO₂ thin films) • Renewable Energy and Sustainable Materials • Smart and Functional Thin-Film Devices • Semiconductor Device Modeling and Simulation • Clean Energy Technologies for Bangladesh's Power Sector
158.	Dr. Md. Kamal Hosain Professor, ETE, RUET 880-722750031 kamaleteruet@gmail.com	<ul style="list-style-type: none"> <input type="checkbox"/> Antennas <input type="checkbox"/> RF Circuits <input type="checkbox"/> Energy Harvesting <input type="checkbox"/> Deep brain stimulation (DBS) devices <input type="checkbox"/> Transcranial magnetic stimulation (TMS) <input type="checkbox"/> Power Electronics
159.	Dr. Bulbul Ahmed Associate Professor, CE, RUET 880-1717042679 bulbulruet@gmail.com	<p>Steel Structure Construction Management</p> <p>Robustness of Structures</p> <p>Structural Health Monitoring</p> <p>Structural Dynamics and Vibration of Structures</p> <ul style="list-style-type: none"> ➤ Carbon fiber reinforced polymer (CFRP) ➤ Sustainable Construction Management ➤ Composite Structure under Natural Hazards and Catastrophic Events
160.	Md. Emdadul Hoque, PhD Professor (Grade-1), Department of Mechanical Engineering & Director, Institutional Quality Assurance Cell (IQAC) RUET. mehoque@me.ruet.ac.bd emdadulhoque@gmail.com	<p>Energy Harvesting</p> <p>Renewable Energy</p> <p>Machinery Condition Monitoring</p> <p>Mechatronics</p> <p>MagLev System</p> <p>Active Vibration and Noise Control</p> <p>Machine Learning/AI</p>
161.	Dr. Monjur Mourshed Associate Professor, ME, RUET 880-1852405958 monjurmourshed.ruet@gmail.com	<p>Hydrogen energy technologies (hydrogen fuel cells, electrolysers, hydrogen storage)</p> <p>Fuel cell and flow battery technologies</p> <p>Renewable Energy Storage and Management (biomass energy, alternative fuels, solar thermal energy)</p> <p>Waste to Energy Conversion and Management</p>
162.	Dr. Mohammad Shahed Hasan Khan Tushar Professor, ME, RUET	<p>Alternative Fuels and Hydrogen Generation (Gasification and Pyrolysis)</p> <p>Biomass Conversion</p>

SL	Name & Designation	Area of Expertise/ Research Area
	880-1758509929 shahedhk@gmail.com	Hydrothermal Gasification hydrothermal liquefaction <input type="checkbox"/> Carbon Capture and Storage (CCS) <input type="checkbox"/> Pollution Control (Environmental and from IC Engines) <input type="checkbox"/> Waste Management <input type="checkbox"/> Waste to Energy <input type="checkbox"/> GHG Mitigation Techno-economic feasibility
163.	Dr. Tofael Ahmed Professor, EEE, CUET tofaelcuet@gmail.com	Power System Planning; Power Conversion Techniques; Energy Management Systems; Smart Grid, IoT in Power System, Renewable Energy Integration
164.	Dr. Nur Mohammad Professor, EEE, CUET +8801710610152, nur.mohammad@cuet.ac.bd, nmkhanphd@gmail.com	Smart Grid Management, Application of IoT in Power Systems, Smart Metering, Power Market & Pricing, Demand Side management, Photo-voltaic and wind energy integration, Energy Storages, Renewable Energy Technologies, Distributed Generation, Microgrids Optimization,
165.	Dr. Jamal Uddin Ahamed Professor, ME, CUET 01720-641636 jamal@cuet.ac.bd	Energy and Exergy analysis, Heat Transfer, Industrial Energy Efficiency, Thermal Engineering, Fluid Dynamics, Automative Air Conditioning.
166.	Dr. Mohammad Mizanur Rahman Professor, ME, CUET 01864800089 mmrahman_me@cuet.ac.bd	Catalytic Hydrogen. low-cost fuel cell Biomass Gasifier Advanced biofuel/blends for transport Renewable hydrogen for transport Pyrolysis of waste plastic methanol fuel cell thermos-catalytic pyrolysis of biomass diesel-hydrogen dual-fuel engine:
167.	Dr. Md. Arafat Rahman Professor ME, CUET +88 01719 416328 arafat@cuet.ac.bd	> Electrode materials for high performance lithium-ion batteries. > Energy Storage Systems for Electric Grid > Metal-air batteries. > Nanoporous materials. > Powder metallurgy. > Electrochemistry. > Mechanical properties of electrodes materials for batteries. > Energy storage materials. > EVs batteries. > Green Synthesis of nanoparticles > Machine Dynamics & > Vibration Analysis and Control
168.	Dr. Abu Shadat Muhammad Sayem Professor ME, CUET	<input type="checkbox"/> Clean and sustainable energy, De-Carbonization <input type="checkbox"/> LNG Production and Transportation <input type="checkbox"/> Green Hydrogen production and storage <input type="checkbox"/> Renewable energy

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	01710503692 a.sayem@cuet.ac.bd	<input type="checkbox"/> Energy conversion system <input type="checkbox"/> Thermodynamics <input type="checkbox"/> Waste to energy <input type="checkbox"/> Biofuel and biodiesel <input type="checkbox"/> STEM and innovation
169.	Dr. Mohammad Islam Miah Professor, PME, CUET islam.m@cuet.ac.bd mim625@mun.ca,	Petroleum Engineering, Drilling Geomechanics, Production Optimization, Coal Mining, Reservoir Simulation, Renewable Energy, Energy Security and Policy, Machine Learning/AI.
170.	Dr Md Akhtarul Islam Ex. Professor, Chemical Engg. & Polymer Science, SUST +8801712071966 mislam@sust.edu islamsust@yahoo.com	Membrane Science and Technology, Environmental Pollution Control, Bioenergy, Biofuel, Sustainable and Renewable Energy, Polymer Composites, Fluid flow in capillaries
171.	Dr Mohammed Mastabur Rahman Professor Professor, Chemical Engg. & Polymer Science, SUST +8801711739130 mrahman-cep@sust.edu	Polymer composites <input type="radio"/> Conductive polymer composites <input type="radio"/> Organic inorganic hybrid materials <input type="radio"/> Energy storage device <input type="radio"/> High surface area nanostructured materials <input type="radio"/> Photocatalysts
172.	Dr Engr Salma Akhter Professor, Chemical Engg. & Polymer Science, SUST salma-cep@sust.edu	Biochemical Engineering Renewable Energy Fluid Mechanics Industrial Management Chemical Process Safety Environmental Engineering
173.	Dr Md Salatul Islam Mozumder Professor, Chemical Engg. & Polymer Science, SUST +8801631606101 salatul-cep@sust.edu	Conversion of waste to product through anaerobic digestion (Bio-methane /Bio-hydrogen /Bio-ethanol production). Algae growth and biofuel production environmental and socio-economic impact of both research areas.
174.	Dr. Muhammad Zobayer Bin Mukhlis Professor, Chemical Engg. & Polymer Science, SUST zobayer-cep@sust.edu; zobayer_ceps@yahoo.com	new semiconductors and conductive polymer- based nanomaterials in for energy conversion and storage, and environmental sustainability. polymer-based supercapacitor. synthetic strategies for nanomaterials. conductive ceramic nanofibers for flexible electronics and environmental applications.
175.	Dr Mohammad Shaiful Alam Amin Professor, Chemical Engg. & Polymer Science, SUST	Membrane Technology carbon-based and nanoparticle-modified membranes Nanostructured materials Microbial fuel cells.

SL	Name & Designation	Area of Expertise/ Research Area
	+8801717466578 msaamin-cep@sust.edu	Photocatalytic water splitting, hydrogen generation Captured CO ₂ via Integrated Fermentation-Membrane Separation.
176.	Dr Mohammad Rakib Uddin Professor, Chemical Engg. & Polymer Science, SUST +8801724721351 rakib-cep@sust.edu	Waste to Energy, Cogeneration Sewage Sludge Gasification anaerobic digestion for biogas production, Biomass Gasification, anaerobic co-digestion Biodiesel Aspen Plus Simulation
177.	Dr Md Mostafizur Rahman Professor, Chemical Engg. & Polymer Science, SUST +8801819827918 mostafiz-cep@sust.edu	Energy materials Nanocomposites Nanomaterials Energy storage device Material science, Conductive polymer/MXene composite,
178.	Dr. Md. Shofiqul Islam Professor, PME, SUST +8801934738961 shofiq-pme@sust.edu,	Tectonics and Geodynamics, Structural Geology, Engineering geology, Stratigraphy, Petroleum Geology, Geophysics, Marine Geochemistry
179.	Dr. Md. Saiful Alam Professor PME, SUST +8801711954946 saifulraju-pme@sust.edu,	Enhanced Oil Recovery to optimize hydrocarbon production Simulation of Coal/Biomass/Peat Gasification biomass conversion and co-gasification methods
180.	Dr. Mohammad Kamruzzaman Khan Prince Associate Professor EEE, SUST +8801986431521 kamruzzaman-eee@sust.edu,	Solar irrigation Solar PV-based microgrid with battery energy storage grid-connected PMSG based wind energy system with supercapacitor energy storage.
181.	Dr. Md. Abdul Awal Professor, BAU +8801710987258 awalfpm@bau.edu.bd	Solar Dryer, Renewable energy (Solar energy, Bioenergy, Waste Energy), Application of GIS, GPS, and Remote Sensing in Agriculture, ICT in Agriculture, Precision Farming, Postharvest and Modern Storage Technology.
182.	Dr. Md. Rostom Ali Professor, BAU +8801716311747 rostomfpm@bau.edu.bd	i. Renewable Energy, Biomass and Biochar ii. Post-harvest Technology (Harvesting and Storage systems) iii. Agricultural Machinery and Mechanization v. IoT and Sensor Systems
183.	Dr. Mohammad Tawhid Kawser Professor,	3G/4G/5G Cellular Communication

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	IUT +880-1742205081 kawser@iut-dhaka.edu	
184.	Dr. Mohammad Abdul Matin Professor, EEE NSU +88 02 55668200 Ext – 1501, 1541 mohammad.matin@northsouth.edu	RF, Microwave and Communication Technology Broadband Access and Communication Technologies Ultra-wideband (UWB) communication, wireless sensor networks, cognitive radio, EM modeling, and antenna engineering. Artificial Intelligence, Smart Grid (less focus)
185.	Prof. Md. Abdur Razzak Professor, EEE, IUB razzak@iub.edu.bd, drmarazzak@gmail.com	AI based energy demand forecasting and management, renewables and electric vehicle integration on power grid and remedial measures., power electronic converters for renewable energy systems (wind, solar PV, fuel cell). <input type="checkbox"/> Power electronics applications in hybrid power system, microgrid and smart grid. hybrid off grid microgrid and minigrid. <input type="checkbox"/> Control and power management of hybrid wind, solar PV, fuel cell and battery energy storage systems. <input type="checkbox"/> Energy storage system: design of power electronic converters for energy storage system. <input type="checkbox"/> smart solid-state transformer (SST) in microgrid and renewable energy system. <input type="checkbox"/> plug-in hybrid vehicles on power grid.
186.	Dr. Ijaz Hossain Ex Professor, BUET, Chemical Engineering ijaz@che.buet.ac.bd	Energy Efficiency, Electricity pricing, GHG Inventory; Renewable Energy
187.	Mizanur Rahman Ex Member, BEREC Ex Chief Engineer, BPDB mizan9948@yahoo.com	<input type="checkbox"/> Power System Planning (Generation and Transmission expansion planning) <input type="checkbox"/> Primary Fuel for Power Generation <input type="checkbox"/> Cross Border Electricity Trade (CBET) <input type="checkbox"/> Tariff and Cost Analysis <input type="checkbox"/> Project Development on BOO basis <input type="checkbox"/> Power Sector Reform and Restructuring <input type="checkbox"/> Energy Sector Regulation
188.	Dr. Munshi Naser Ibne Afzal Associate Professor, Department of Economics, Shahjalal University of Science & Technology (SUST), munshi.naser@gmail.com	energy demand forecasting econometric analysis and machine learning, energy demand analysis Data analysis

SL	Name & Designation	Area of Expertise/ Research Area
189.	Dr. A N M Mominul Islam Mukut Professor, ME DUET Director, Institute of Energy Engineering mukut@duet.ac.bd	Wind & Solar Energy Systems Waste to Energy, aerodynamics, flow control, thermal engineering, and carbon capture technologies
190.	Dr. Md. Shahiduzzaman Associate Professor Kanazawa University, Japan shahiduzzaman@se.kanazawa- u.ac.jp shahiduzzaman09@gmail.com +81-80-5852-3769	materials chemistry, particularly in solar energy Perovskite Solar Cells , Dye synthesize Solar Cells and Small Molecule Solar Cell Organic Thin Film Solar Cells Nanomaterials chemistry Thin film/Surface
191.	Dr. Khondokar Habibul Kabir Professor, EEE, IUT +8801768 451 451 habib@iut-dhaka.edu	Advance internet of things, IoT, Cloud computing for Smart Grids, Data Communication and networking, Intelligent Energy Networking (EN), Intelligent Internet of Energy (IoE), Intelligent Grid. Blockchain technology.
192.	MD.ABDUR ROUF MIAH Ex-Member (Planning & Development) Bangladesh Rural Electrification Board (BREB) 01552480519 miah.rouf.abdur@gmail.com	Power System Operation, power T&D system, Energy Audit & Tariff, Grid and Substation, Renewable Energy, Energy efficiency,
193.	ENGR. MOHAMMAD SHAFIQUL ISLAM Ex-General Manager (Planning & Development), BPC +880 171572706 shafiq6488@gmail.com	Petroleum Refinery/ LPG/ Petrochemical Plant Management, Inspection & Maintenance, Inventory & Supply Chain Management,
194.	Syed Masum Ahmed Choudhury, Ph.D, ndc 01730-496705 ch.masum2020@gmail.com	Project Planning & Monitoring Industrial Management Regulatory Impact Assessment Policy Planning and Implementation Fiscal and Corporate Law & Process Energy & Power Management
195.	Dr. Ahmad Kamruzzaman Majumder Professor, Center for Atmospheric Pollution Studies (CAPS), Stamford University; Bangladesh	air quality monitoring, pollution control, and climate change impacts

SL	Name & Designation	Area of Expertise/ Research Area
	01712- 017725 kamrul_subd@yahoo.com	
196.	Dr. A. K. Enamul Haque Director General BIDS akehaque@bids.org.bd	natural resource economics, environmental sustainability, and socio-economic development.
197.	Professor Dr. M. Shamsul Alam, Professor & Dean, Faculty of Engineering, Daffodil International University deanfe@daffodilvarsity.edu.bd	renewable energy integration, particularly rooftop solar and distributed generation, regulatory governance, pricing, subsidy management, energy planning & modeling, power and energy sector cost reduction strategy and the broader political economy of the energy sector.
198.	Md. Amzad Hossain, Dean, Faculty of Engineering and Technology & Associate Professor, EEE, JUST	plasma sources for material processing, plasma sputtering, CVD, high-density RF magnetized plasma discharges for functional film preparation, nano material synthesis and characterization, atmospheric pressure plasma, and modelling of plasma sources, SPR sensor, renewable energy, communication engineering and optical fiber system
199.	Dr. Biswas Karabi Farhana, Professor, Department of Environmental Science and Management, NSU biswas.farhana@northsouth.edu	Climate change: causes, impact, adaptation and mitigation. Chemistry of atmospheric pollutants in cities. Source, chemistry and impacts of winter fog in the Indo-Gangetic plains. Biogeochemistry of atmospheric aerosol and precipitation in marine and terrestrial atmosphere Atmospheric cycling of halogen, iron and carbon
200.	Abdus Salam, PhD Professor, Department of Chemistry, University of Dhaka asalam@gmail.com cell: +88-01817061160	atmospheric chemistry, air quality, chemical characterization of atmospheric gases and particulate matter, impact assessment on human health, climate change and Ecosystem., Traffic Emission, Brick Kilns Emission, Biomass Burning, Aerosol Chemical Composition, Dust Aerosol, Bio-aerosol, Aerosol Optical Depth (AOD), Black Carbon (BC), Brown Carbon (BrC), Trace Gases Emission, Aqueous Atmospheric Chemistry (Winter Fog and Rainwater, Hail Stone), Low Cost Sensors, Human Health Risk Assessment, Climate Change, Impact on Plants and Ecosystem.
201.	Dr Md Sohel Rana Professor EEE, RUET sohel.unsw@gmail.com; sohel@eee.ruet.ac.bd +8801725431631	Control Theory and Control Applications <input type="checkbox"/> Smart Grid and Renewable Energy Integration <input type="checkbox"/> Power System Operation and Control <input type="checkbox"/> Energy Management System and Optimization <input type="checkbox"/> Nanopositioning <input type="checkbox"/> Measurement and Instrumentation <input type="checkbox"/> High-speed Atomic Force Microscopy <input type="checkbox"/> Vibration Control and MEMS/NEMS
202.	Prof. Dr. Ismail Hossain, Department of Geology and Mining, University of Rajshahi ismail_gm@ru.ac.bd	Petrology (igneous, metamorphic and sedimentary), Geochemistry, Geochronology, Mineralogy, Fluid Inclusions and Geotectonics. Igneous rock-forming processes,

SL	Name & Designation	Area of Expertise/ Research Area
		Geophysics: investigate the gravity and magnetic anomaly patterns of the Bengal Basin
203.	Dr. S.M. Mainul Kabir, Associate Professor Department of Geology, DU smkabir@du.ac.bd +8801911491216	Exploration geophysics, seismic geomorphology, petroleum geology, surface and subsurface methane seepage and sediment extrusion, Seismic Interpretation, Salt Tectonics Analysis, Fluvial Dynamics Assessment, Geothermal Gradient Analysis, Subsurface Temperature Mapping, Geological Survey Coordination, Curriculum Development, Geophysical Data, Processing, 3D Seismic Drilling Management
204.	Howlader Ohidul Islam, Ex-General Manager, BAPEX Email: ohidulilo@yahoo.com Mobile: +8801712379158, +8801755694163	geological activities, including Basin Study, Formation Evaluation, Field Development Geology, and Petroleum System Analysis identification well locations, well design, and monitoring Oil & gas exploration, Drilling, mud logging, wireline logging, DST and production operations, Geological & geophysical data interpretation Well-site supervision and pressure analysis during activities
205.	Mr. Md. Abdus Sultan Ex MD, BGFCL, EX GM, Petrobangla	Gas field potential study, reservoir management, reserve re-estimation, formation evaluation, production monitoring
206.	Dr. Md. Anwar Hossain Bhuiyan, Professor Department of Geology, DU ahb@du.ac.bd +8801792626708	Petroleum Geoscience AI-assisted reservoir and stratigraphic modeling, integrated seismic-EM inversion for complex reservoir delineation, Carbon capture and storage (CCS) site characterization and monitoring. Diagenetic and geomechanical controls on reservoir quality. Marine geophysics and gas hydrate potential in the Bay of Bengal
207.	Dr. Md. Mostafizur Rahman, Professor Department of Geology, DU mostafiz2021@du.ac.bd 01307533347	Sedimentology and Petroleum Reservoir Geology Integrated Basin Analysis and Petroleum System Modelling Subsurface reservoir characterization; reservoir modelling, flow simulation, and reservoir management strategies Site characterization and quantitative risk assessment for geological CO2 sequestration Clastic Sedimentology and high-resolution Sequence Stratigraphy for understanding reservoir heterogeneity and architecture 3D Geospatial Data Acquisition
208.	Dr. Shahriar Mahmud, Assistant Professor, PMRE, BUET shahriarmahmud@pmre.buet.ac.bd	Drilling, well control, multiphase flow. transient modeling Multiphase flow behavior and transport mechanisms in: o Geothermal Systems o CO2 sequestration o Conventional Energy Operations

SL	Name & Designation	Area of Expertise/ Research Area
		<input type="checkbox"/> Well construction and integrity in Geothermal, CCUS, oil and gas applications <input type="checkbox"/> Well Control and Managed Pressure Drilling <input type="checkbox"/> Two phase flow CFD <input type="checkbox"/> CO ₂ , Hydrogen and Natural Gas Transport <input type="checkbox"/> Natural Gas Processing <input type="checkbox"/> Hazardous Gas Leak Detection
209.	Dr. Md. Sakawat Hossain, Professor, Geological Sciences, Jahangirnagar University +8801715004735 sakawat@juniv.edu	Structural Geology; Earthquake Geology; Tectonics and Geodynamics; Rock deformation history and polyphase deformation analysis & synthesis in macroscopic, mesoscopic and microscopic scale
210.	Mr. Kamruzzaman, Ex-MD, BGFCL, Ex-Director, Petrobangla (Operation), Ex-Member, BEREC	Gas exploration, production, Transmission & Distribution
211.	Md.Ziaul Haque Additional Director General (CC) Department of Environment adg@doe.gov.bd	Environment and climate change
212.	Mirza Shawkat Ali Director (Climate change & International Convention) Department of Environment dircc@doe.gov.bd	Environment and climate change