

BIO-DATA

NAME : MD. QUAMRUL ISLAM
MAILING ADDRESS : Department of Mechanical Engineering,
Military Institute of Science and Technology (MIST),
Mirpur Cantonment, Dhaka-11216, Bangladesh.

PERSONAL DATA :

Father's Name : Late Abdul Ghani Birth Date : Oct. 1, 1950.
Place of birth : Mymensingh Nationality : Bangladeshi

EDUCATION

Ph.D. February 1986, Free University Brussels, Belgium.
Specialization: Aerodynamics, Fluid Mechanics, Fluid Machines, Renewable Energy, Petroleum Engineering, Heat Transfer
M. Sc Engg. (Mechanical) August 1975, Bangladesh University of Engineering & Technology, Dhaka, Bangladesh.
B. Sc. Engg. (Mechanical), December, 1971-72, Bangladesh University of Engg. & Tech., Dhaka, Bangladesh.
H.S.C. June 1967, Dhaka Board, Dhaka Bangladesh. First Division with star marks.
S.S.C. June 1965, Dhaka Board, Dhaka Bangladesh. First division & stood 7th in Combined merit list

SPECIAL TRAINING

- a) A training program on the Petroleum Industry Development (ASIPID) at the University of Alberta, Canada, June 5 to July 30, 1988.
- b) A short course on Dredging organized by Bangladesh University of Engineering and Technology, Dhaka from January 18-23, 1989.

TEACHING EXPERIENCE

- a) Professor Emeritus, Dept. of Mechanical Engg., Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh from August 2021 to date.
- b) Professor, Dept. of Mechanical Engg., Military Institute of Science and Technology, Mirpur Cantonment, Dhaka-1216 from January 2017 to August 6, 2021. Offered courses in Fluid Mechanics, Renewable Energy, Petroleum Engineering and other Thermo-Fluid courses in graduate and undergraduate classes. Supervised Ph.D. and M. Sc. students in the area of Fluid Mechanics and Renewable Energy.
- c) Professor, Dept. of Mechanical Engg., Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh from May 1989 to June 30 2016. Offered courses in Fluid Mechanics, Petroleum Engineering, Renewable Energy and other Thermo-Fluid courses in graduate and undergraduate classes. Supervised Ph.D. and M. Sc. students in the area of Fluid Mechanics and Renewable Energy.
- d) Visiting Professor, Mechanical and Chemical Engineering Department, Islamic University of Technology (IUT), The Organization of the Islamic Conference (OIC), Gazipur-1704, Bangladesh from January 2001 to December 2001. Offered courses in Fluid Mechanics, Petroleum Engineering, Renewable Energy and other Thermo-Fluid courses in graduate and undergraduate classes.

- e) Associate Professor, Dept. of Mechanical Engg., Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh from August, 1986 to May, 1989. Offered courses in Fluid Mechanics, Petroleum Engineering and other Thermo-Fluid courses in graduate and undergraduate classes. Supervised M. Sc. students in the area of Fluid Mechanics and Renewable Energy.
- f) Assistant Professor, Dept. of Mechanical Engg., Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh from September, 1977 to August 1986. Offered courses in Fluid Mechanics, Petroleum Engineering and other Thermo-Fluid courses in graduate and undergraduate classes. Supervised M. Sc. students in the area of Fluid Mechanics and Renewable Energy, and organized laboratories.
- g) Lecturer, Dept. of Mechanical Engineering, Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh from November 20, 1976 to September 1977. Offered Courses in Fluid Mechanics and other Thermo-Fluid courses in undergraduate classes and organized laboratories.
- h) Lecturer, Technical Teachers Training College, Dhaka from March 1975 to November 1976. Offered courses in Analytic Mechanics, Production Process and organized laboratories.
- i) Worked as Part-Time Teacher in Islamic University of Technology from 1987 to October 2015. Offered courses in Fluid Mechanics, Fluid Machines, Heat Transfer, Renewable Energy and others Thermo-Fluid courses and laboratory classes at undergraduate level. Supervise undergraduate and postgraduate research projects.
- j) Worked as Part-Time Teacher in Sonargaon University, Dhaka from 2015 to October 2016. Offered courses in Fluid Mechanics and Fluid Machines courses at Undergraduate level.

LIST OF PUBLISHED BOOKS

1. Islam, M. Q. and Islam, O., “Fluid Mechanics”, Published by Bangla Academy, Dhaka, Bangladesh, June 1989.
2. Islam, M. Q. and Islam, A. K. M. S., “Fluid Mechanics Laboratory Practice”, ISBN 984-518-000-0, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, July 1993.
3. Mandal, A. C. and Islam, M. Q., “Drawings for Mechanical Engineers”, ISBN-984-07-4685-5, Published by Bangla Academy, Dhaka, June 2008.
4. Islam, M. Q. and Mandal, A. C., “Modern Fluid Mechanics”, ISBN-984-07-4795-9, Bangla Academy, Dhaka, June 2009.
5. Akhanda, M. A. R. and Islam, M. Q., “Introduction to Petroleum Geology and Drilling”, ISBN 984-518-003-5, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, July 1994.
6. Islam, M. Q., “Hydraulic Machines”, ISBN 984-07-3279-X, Published by Bangla Academy, Dhaka, Bangladesh, June 1995.
7. Islam, M. Q., “Hydraulic Machines Through Worked Out Problems”, ISBN 984-31-0216-4, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, November 1998.

8. Mandal, A. C. and Islam, M. Q., “Mechanics of Materials Laboratory Practice”, ISBN 984-31-0291-6, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, March 1999.
9. Mandal, A. C. and Islam, M. Q., “Aerodynamics and Design of Wind Turbines”, ISBN 984-31-0923-0, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, September, 2001.
10. Islam, M. Q. and Mandal, A. C., “Fluid Mechanics Through Worked Out Problems”, ISBN 984-32-1638-5, Published by Islamic University of Technology (IUT), The Organization of the Islamic Conference (OIC), Board Bazar, Gazipur, Bangladesh, June, 2006.
11. Mandal, A. C. and Islam, M. Q., “Mechanical Engineering Drawing”, ISBN 984-8725-008, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, March, 2007.
12. Mandal, A. C, Islam, M. Q., Saha, S. and Rashid, M. A. R., “Heat Transfer Laboratory Practice”, ISBN 987-984-33-0266-3, Published by Bangladesh University of Engineering & Technology, Dhaka, Bangladesh, June 2010.
13. Mandal, A. C and Islam, M. Q., “Mechanics of Materials with Solved Problems”, ISBN 978-984-33-2260-1, Published by Islamic University of Technology (IUT), The Organization of the Islamic Conference (OIC), Board Bazar, Gazipur, Bangladesh, June, 2011.
14. Islam, M. Q. and Mandal, A. C., “Modern Hydraulic Machines”, ISBN 984-07-5068-2, Published by Bangla Academy, Dhaka, Bangladesh, June, 2013.
15. Mandal, A. C and Islam, M. Q., “Mechanics of Solids”, ISBN 984-07-577-8 Published by Bangla Academy, Dhaka, Bangladesh, June, 2018.
16. Islam, M. Q., “Terminology of Engineering”, ISBN 984-07-5956-6. Published by Bangla Academy, Dhaka, Bangladesh, February, 2020.

PUBLICATION IN JOURNALS

1. Islam, M. Q. and Islam, S. M. N., “Flow Through a Jet Issuing From a Square Nozzle”, Journal of Indian Society of Mechanical Engineers, New Delhi, India, Vol. 1, No. 4, 1980. pp. 145-152
2. Islam, M. Q. and Islam, O., “Effect of Vane Inclination on the Performance of Radial Vane Centrifugal Pump”, Journal of Agricultural Mechanization in Asia, Tokyo, Japan, Vol. 14, No. 3, Summer 1983. pp. 59-61.
3. Islam, S. M. N. and Islam, M. Q., “Measurement of Mean Velocity in Turbulent Jets Issuing from a Rectangular Nozzle”, Journal of Thermal Engineering, Indian Society of Mechanical Engineers, New Delhi, India, Vol. 2, No. 4, 1982. pp. 111-120
4. Hossain, M. A. and Islam, M. Q., “Sailwing Rotor for Pumping Water in Bangladesh”, Renewable Energy Journal, AIT, Bangkok, Thailand, Vol. 4, No. 1, June 1982. pp. 29-35.
5. Islam, M. Q. and Salam, A., “The Effect of Wind Shear on the Performance of a Horizontal Axis Wind Turbine”, Renewable Energy Review Journal, AIT, Bangkok, Thailand, Vol. 9, No. 2, December 1987. pp. 81-90.
6. Salam, A. and Islam, M. Q., “Effect of Inlet Blockage on the Pressure Recovery of Conical and Annular Diffuser”, Journal of Institution of Engineers, India, Vol.69, July 1988. pp. 1-5.

7. Islam, M. Q. and Mandal, A. C., "Application of Cascade Theory for the Aerodynamic Performance Analysis of a Horizontal Axis Wind Turbine", Journal of Institution of Engineers, India, Vol.69, July 1988. pp. 18-21.
8. Islam, M. Q. and Mandal, A. C., "A Study of the Design of Horizontal axis Wind Turbine", Journal of Engineering, Islamic Republic of Iran, Vol. 2&3, August, 1993. pp. 117-124.
9. Mandal, A. C. and Islam, M. Q., "Flow Curvature Effect on Darrieus Wind Turbine With Blade Pitching", RERIC International Energy Journal, AIT, Bangkok, Thailand, Vol. 10, No. 2, December 1988. pp. 61-73.
10. Salam, A. and Islam, M. Q., "Secondary Flow Investigation Inside the Passage of a Compressor Cascade", Journal of Institution of Engineers, India, Vol. 72, May 1991. pp. 11-18.
11. Islam, M. Q. Haque, A. M. and Das, D. K., "Water Lifting Devices for Irrigation in Bangladesh", Journal of Agricultural Mechanization in Asia, Tokyo, Japan, Vol. 23, No. 2, 1992. pp. 29-37.
12. Huda, M. D., Islam, M. Q. and Islam, A. K. M. S., "The Performance of an S-Shaped Savonius Rotor with a Deflecting Plate", RERIC International Energy Journal, AIT, Bangkok, Thailand, Vol. 14, No. 1, June 1992. pp. 25-32.
13. Islam, M. Q., Islam, A. K. M. S. and Al-Nur, M., "A Study of the Design of a Wind Powered Water Pumping Set Suitable for Bangladesh", Journal of Agricultural Mechanization in Asia, Tokyo, Japan, Vol. 25, No.4, 1992. pp. 73-74
14. Islam, A. K. M. S., Islam, M. Q., Mandal, A. C. and Razzaque, M. M., "Aerodynamic Characteristics of a Stationary Savonius Rotor", RERIC International Energy Journal, Bangkok, Thailand, Vol. 15, No. 2, December 1993. pp. 125-136
15. Islam, A. K. M. S. and Islam, M. Q., "The Aerodynamic Performance of a Horizontal Axis Wind Turbine Calculated by Strip Theory and Cascade Theory", JSME International Journal, Vol. 37, No. 4, JSME, Tokyo, Japan, 1993. pp. 271-877.
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17. Islam, A. K. M. S., Chowdhury, A., Naser, J. A. and Islam, M. Q., "Numerical Study of Forced Convection in a Packed Channel with Asymmetric Heating", Journal of Chemical Engineering Communication, Vol. 138, 1995, U. S. A. pp. 75-87
18. Islam, M. Q. and Islam, A. K. M. S., "The Potential for Wind Energy in Bangladesh", Journal of Energy, Heat and Mass Transfer, Vol. 16, 1994, India. pp. 229-236.
19. Hossain, M. A. and Islam, M. Q., "A Sailwing Rotor for Pumping Water", Asset, Abstract of Selected Solar Energy Technology, Vol. 5, No. 1, Japan, January 1983. pp. 22-24.
20. Islam, A. K. M. S., Islam, M. Q. and Ashraf, R., "Static Torque and Drag Characteristics of an S-Shaped Savonius Rotor and Prediction of Dynamic Characteristics", Journal of Wind Engineering, U.K, Vol. 19, No. 6, U. K., 1995. pp. 363-370.

21. Al-Nur, M. and Islam, M. Q., "The Bangladesh Car: Energy and Environment", Journal of Institution of Engineers, India, Vol. 79, August 1998. pp. 15-17.
22. Islam, M. Q., "A Theoretical Investigation of Aerodynamic and Structural Design of Horizontal Axis Wind Turbine", Mehran University Research Journal of Engineering and Technology, Vol. 19, No. 3, July 2000, Pakistan. pp. 141-158.
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24. Akhanda, M. A. R., Islam, M. Q. and Chowdhury, F. H., "Air Pollution Measurement in Dhaka City", Mehran University Research Journal of Engineering and Technology, Vol. 22, No. 4, October 2003, Pakistan. pp. 225-232.
25. Ahmed, S. and Islam, M. Q., "The Aerodynamic Performance of the Water Pumping Wind Turbine for Bangladesh", Mehran University Research Journal of Engineering and Technology, Vol. 23, No. 1, January 2004, Pakistan. pp. 51-60.
26. Islam, M. Q., Bhuiyan, H. K. and Chowdhury, F. H., "Aerodynamic Characteristics of a Stationary Four Bladed Savonius Rotor", Journal of Energy, Heat and Mass Transfer, Vol. 25, 2003, IIT Madras, India. pp 205-215.
27. Saha, S., Saha, G., Ali M. and Islam, M. Q., "Combined Free and Forced Convection Inside a Two-Dimensional Multiple Ventilated Rectangular Enclosure", Journal of Engineering and Applied Sciences, Pakistan, Vol.1, No. 3, October 2006, pp 23-35.
28. Mustafa, M., Mandal, A. C. and Islam, M. Q., "Simulation of Wind Flow Around a Group of Square Cylinders With Variable Transverse Spacing by $k - \varepsilon$ Turbulence Model", Suranaree Journal of Science Technology, Thailand, Vol. 14, No. 4, October - December 2007, pp 347-356.
29. Islam, M. Q., Ali, M. and Saha, S., "Low Cost High Solidity Horizontal Axis Wind Turbine for Irrigation in Bangladesh", Journal of Energy, Heat and Mass Transfer, Vol. 30, India, 2008. pp 183-192.
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31. Islam, T. M., Saha, S., Ali, M., and Islam, M. Q., "Mixed Convection Heat Transfer Characteristics in a Channel with an Open Cavity", Journal of Energy, Heat and Mass Transfer, Vol. 31, India, 2009. pp 73-89.
32. Saha, G., Saha, S., Hasan M. N. and Islam, M. Q., "Natural Convection Heat Transfer within Octagonal Enclosure", International Journal of Engineering (Iran), Vol. 23, No. 1, January 2010. pp 1-10.
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34. Saha, G., Saha, S. and Islam, M. Q., "Convective Heat Transfer Inside an Enclosure with Double Heaters and Exit Configurations", International Journal of Applied Mathematics (ISSN No. 0975-7937), Vol. 1, Issue 1, India, April'10-September'10, 2010, pp. 85-90.

35. Nahar, S., Islam, M. Q. and Ali, M., “ Design Fabrication and Performance Test of a Six Bladed Savonius Rotor”, International Journal of Advanced Renewable Energy Research, Vol. 1, Issue 1, pp 1-7, March 2012, Canada.
36. Bagum, N., Rashed, A. A., Masud, A. K. M. and Islam, M. Q., “Using Multi-criteria Analysis in Decision Making Regarding the Adoption of Wind Pump for Irrigation in Bangladesh”, Journal of General Management, Volume 15, Issue 1, Year 2012, pp 157-178, Romania.
37. Ali, M., Umemura, A. and Islam, M. Q., “A Numerical Investigation on Dynamics and Breakup of Liquid Sheet”, Journal of Fluids Engineering, Transactions of the ASME, October 2012, Vol. 134. pp 1 to 7.
38. Hossain, J. M., Islam, M. Q. and Ali, M., “Lift and Drag on Cylinder of Octogonal Cross Section in a Turbulent Stream”, Journal of Energy, Heat and Mass Transfer, Vol. 35, India, 2013. pp 239-252.
39. Hossain, M. J., Islam, M. Q. and Ali, M., “An Experimental Investigation of Wind Load on Tall Buildings with Octagonal Cross-Section”, International Journal of Renewable Energy Research, Volume 3, No. 1, 2013. pp. 192-200.
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41. Rahman, R., Hossain, B., Saha, S. and Islam, M. Q., “Energy Consumption Pattern in Rural Areas of Bangladesh and its Future Development”, International Journal of Wind and Renewable Energy , Volume 3, Issue 2, 2014, ISSN: 2277-3975, India. pp. 20-25.
42. Islam, M. Q. and Khan, M. H., “An Experimental Investigation of Flow Through Flexible Pipes and Bends”, Journal of Institution of Engineers, Dhaka, Bangladesh, Vol. 7, No. 3, July 1979. pp. 7-10.
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47. Islam, M. Q. and Mandal, A. C., “Effect of Blade Shapes on the Performance of a Horizontal Axis Wind Turbine”, Journal of Mechanical Engineering Research Bulletin, BUET, Dhaka, Vol. 10, 1987. pp. 27-34.

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49. Mandal, A. C. and Islam, M. Q., "Effect of Blade Supporting Struts on the Performance of a Darrieus Wind Turbine", Journal of the Institution of Engineers, Bangladesh, Vol. 16, No. 2, April 1988. pp. 9-12.
50. Islam, M. Q. and Mandal, A. C., "Prediction of Natural Frequencies of Horizontal Axis Wind Turbine Blade", Journal of the Institution of Engineers, Bangladesh, Vol. 17, No. 2, April 1989. pp. 1-6.
51. Mandal, A. C. and Islam, M. Q., "Optimum Design of a Straight-Bladed Darrieus Wind Turbine at Variable Turbine Speed", Journal of Mechanical Engineering Research Bulletin, BUET, Dhaka, Vol. 10, 1987. pp. 54-62.
52. Alam, M. M. and Islam, M. Q., "Effect of Yaw on Rotor Stability of Horizontal Axis Wind Turbines", Journal of Mechanical Engineering Research Bulletin, BUET, Dhaka, Vol. 10, 1987. pp. 1-10.
53. Mandal, A. C. and Islam, M. Q., "Optimum Design of a Darrieus Wind Turbine at Constant Turbine Speed", Journal of the Institution of Engineers, Bangladesh, Vol. 17, No. 2 & 3, July-October 1989. pp. 39-45.
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56. Kamal, I. and Islam, M. Q., "A Theoretical Investigation of the Design of Wind Powered Water Pumping Set for Bangladesh", Journal of Mechanical Engineering Research Bulletin, BUET, Dhaka, Vol. 13, 1990. pp. 7-14.
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- Longitudinal Spacing”, Journal of Mechanical Engineering, The Institution of Engineers, Bangladesh, Dec. 2007, Vol. ME 38. pp. 52-57.
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 137. M. Rizia, Z. Abedin, T. Chowdhury and M. Q. Islam, “Wind Effect on Cylinders of Octagonal Sections at Different Locations”, Proceedings of the 12th International Conference on Mechanical Engineering 2017 (ICME2017) held in 20-22 December 2017, Dhaka, Bangladesh. Paper ID No. 51. (Only abstract published. Proceedings available in pen drive).
 138. Ara, I., Ali, M., Islam, M. Q. and Haque, N., “Performance Study of Winglets on Tapered Wing with Curved Trailing Edge”, Proceedings of 7th BSME International Conference on Thermal Engineering, 22-24 December 2016, Dhaka, Bangladesh, Paper ID No. 3.03. Published by the American Institute of Physics, AIP Conference Proceedings 1851, 02005 (2017).
 139. Islam, M. S., Hakim, S. M., Ali, M. and Islam, M. Q., “Numerical Investigation on Boundary Layer Control Through Moving Surface in NACA 0012 Airfoil”,

- Proceedings of 7th BSME International Conference on Thermal Engineering, 22-24 December 2016, Dhaka, Bangladesh. Published by the American Institute of Physics, AIP Conference Proceedings 1851, 02017 (2017).
140. Saha, S., Khalil, M. I., Anwar, S. and Islam, M. Q., “Aerodynamic Characteristics of Turbulent Flow Over Two Side-by-Side Rotating Cylinders: A Numerical Approach”, book of abstracts of The 3rd Australian Conference on Computational Mechanics, Paper I.D79, 12-14 February, 2018, Deakin University Waurn Ponds Campus, Australia.
 141. Ara, I., Ali, M., Islam, M. Q. and Akhter, N., “ An Experimental Investigation on the Aerodynamic Characteristics of NACA4412 with Winglets”, Proceedings of 8th BSME International Conference on Thermal Engineering, 19-21 December 2018, Dhaka, Bangladesh, Paper No. 97. (Only abstract published. Proceedings available in CD).
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 144. Sami, S. S., Ali, M. and Islam, M. Q., “Effects of Swirling on Non-Newtonian Fluid Flow Through Arterial Stenosis”, 13th International Conference on Mechanical Engineering, 18-20 December 2019, Dhaka, Bangladesh. Paper ID: 202.
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 146. Emtiaz, S. M., Dipto, S. S. and Islam, M. Q., “Study of Minor Loss Coefficient and Minor Head Losses for Sudden and Gradual Change in Pipe Diameter”, Proceedings of the International Conference on Mechanical Engineering and Renewable Energy 2021 (ICMERE) 12-14 December 2021, Chattogram, Bangladesh.

SUPERVISION OF M. Sc. ENGG. THESIS:

1. M. Sc. work on “Analysis of Yaw Stability of Horizontal Axis Wind Turbine” in 1987.
2. M. Sc. work on “Study of a Wind Powered Water Pumping Set for Bangladesh” in 1988.
3. M. Sc. work on “Prediction of Finite Span Hydrofoil Characteristics at Shallow Submergences Using Image Stabilizing Criterion” in 1989.
4. M. Sc. work on “Study of the Yaw Stability of a Horizontal Axis Downwind Turbine” in 1990.

5. M. Sc. work on “Selective Withdrawal from Stratified Fluid System” in 1995.
6. M. Sc. work on “An Experimental Investigation of Selective Withdrawal from Two Layer Fluid Body” in 1998.
7. M. Sc. work on “Torque and Drag Characteristics of a Three Bladed Savonius Rotor” in 1999.
8. M. Sc. work on “Utilization of River Current for Small Scale Electricity Generation in Bangladesh” in 2001.
9. M. Sc. work on “Aerodynamic Forces, Around a Tapered Square Cylinder” in 2003.
10. M. Sc. work on “Aerodynamic Characteristics of a Four-Bladed Savonius Rotor” in 2003.
11. M. Sc. work on “Wind Effect on Square and Rectangular Staggered Cylinders” in 2007.
12. M. Sc. work on “Evaluation of Wind Characteristics and Feasibility of Wind Energy in the Coastal Areas of Bangladesh” in 2008.
13. M. Sc. work on “Aerodynamics Characteristics of a Vertical Axis Vane Type Wind Turbine” in 2008.
14. M. Sc. work on “Performance of a Low Cost Circular Arc Horizontal Axis Wind Turbine” in 2009.
15. M. Sc. work on “Feasibility of Wind Pumping for Irrigation in Bangladesh Using Multiattribute Decision Analysis” in March, 2010.
16. M. Sc. work on “Design of an Efficient Photovoltaic Pump for Irrigation” in March, 2011.
17. M. Sc. work on “Dynamic Characteristics of Multi-Bladed S-Shaped Vane Type Rotor” in March 2011.
18. M. Sc. work on “Dynamic Characteristics of a Vertical Axis Vane Type Wind Turbine” in June 2011.
19. M. Sc. work on “Torque and Drag Characteristics of a Six Bladed Savonius Rotor” in October 2011.
20. M. Sc. work on “Study of Performance of an Air Conditioning System and Cooling Load Calculation by Using Developed Software for a Building” in February 2012.
21. M. Sc. work on “Experimental Study of a Wind Plant” in March 2012.
22. M. Sc. work on “An Experimental Investigation of Wind Load on Tall Buildings with Octagonal Cross-section” in December 2013.
23. M. Sc. work on “Aerodynamic Characteristics of a Savonius Rotor with Three Blades of Circular Arc Profile”, in February 2014.
24. M. Sc. work on “An Experimental Investigation of Wind Effect on Pentagonal and Hexagonal Staggered Cylinders”, in December 2014.
25. M. Sc. work on “An Experimental Investigation of Wind Load on Tall Buildings with Pentagonal Cross-section”, in June 2015.
26. M. Sc. work on “An Experimental Investigation of Wind Effect on Square, Pentagonal and Hexagonal Staggered Cylinders”, in February 2016.
27. M. Sc. work on “Aerodynamic Characteristics of a Five Bladed S-Shaped Savonius Rotor”, in March 2016.
28. M. Sc. Work on “Wind Effect on Cylinders of Pentagonal, Hexagonal and Octagonal Sections at Different Positions”, August 2018.

29. M. Sc. Work on “An Experimental and Numerical Investigation on Effect of Shapes and Arrangement of Solid Bodies in Wind Loadings”, in October 2018.
30. M. Sc. Work on “Investigation of Lift and Drag Coefficients of Projectiles at Various Angles of Attack”, August 2020.
31. M. Sc. Work on “Investigation of Long Range Projectiles Under Different Wind Conditions”, June 2020.
32. M. Sc. Work on “Performance Analysis of Wind Turbines with Tip Vanes”, June 2021.
33. M. Sc. Work on “Numerical Analysis of Blood Flow Through Stenotic Artery”, September, 2021.

SUPERVISION OF Ph. D THESIS

1. Ph. D Work on “Investigation and Analysis of Wind Pumping System for Irrigation in Bangladesh”, February 2002.

AWARDS RECEIVED:

1. Received certificate of merit for the paper entitled, “The Bangladesh Car - Energy and Environment”, from The Institution of Engineers, India, September, 2000.
2. Received **Prime Minister’s gold medal** on the occasion of Science Book Year 2005 as the author of science books (Engineering).
3. Received best paper Award-2005 from The Institution of Engineers, Bangladesh.
4. Received **Dr. Rashid Gold Medal** for research, administration and teaching from BUET in 2011.
5. Elected Fellow of Bangla Academy, 2007.

ADMINISTRATIVE EXPERIENCE (in BUET)

- 1) Dean, Faculty of Mechanical Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh from January 8, 2002 to January 7, 2004.
- 2) Head, Department of Mechanical Engineering, Bangladesh University of Engineering & Technology, Dhaka, Bangladesh from February 14, 2004 to February 13, 2006.
- 3) Director, Directorate of Advisory, Extension and Research Services (DAERS), Bangladesh University of Engineering and Technology, Dhaka, Bangladesh from January 1, 2008 to August 30, 2010.
- 4) Adviser (Mechanical) to Vice Chancellor, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh from July 2, 2013 to June 30, 2016. Ref. No. Est/4a-67/Re-80 dt. 2.7 2013.
- 5) Member, Finance Committee (FC) of BUET nominated by Academic Council, No. Cown/2014/m-4(10)/Re-5606 dt. 31.5.2014.
- 6) Member Secretary, Committee of Advanced Study and Research (CASR), Bangladesh University of Engineering and Technology, Dhaka, Bangladesh from January 1, 2008 to August 30, 2010.
- 7) Chairman, Tender Committee, Bangladesh University of Engineering & Technology (BUET), Dhaka from 1997 to 2000.
- 8) Member, Tender Committee, Bangladesh University of Engineering & Technology, Dhaka from 1987 to 1997.

- 9) Member, Library Committee, Bangladesh University of Engineering & Technology, Dhaka from 1987 to 2011.
- 10) Chairman, Library Committee, Bangladesh University of Engineering & Technology, Dhaka from 2011 to 30.06.2017. Ref. No. Est/Ka-11/Re-807 dt. 20.8.11.
- 11) Member, Committee of Advanced Study and Research (CASR), BUET, Dhaka from 1997 to 1999.
- 12) Assistant Provost, Shahid Smrity Hall, BUET, Dhaka from 1986 to 1989.
- 13) Post-graduate Advisor of Mechanical Engineering Department of Bangladesh University of Engineering & Technology from 1986 to 1991.
- 14) Faculty Member, Faculty of Electrical Engineering Faculty, BUET from 1988 to 1991.
- 15) Chairman, Charge Sheet Review Activities (for teachers), BUET from January 8, 2002 to January 7, 2004
- 16) Chairman, Admission Committee, Session 2001-2002, BUET (Academic Council Ref-15(62(27)), dt.17.9.2000.
- 17) Chairman, Admission Committee, Session 2002-2003, BUET (Academic Council Ref- 4804(30)), dt. 30.4.03.
- 18) Chairman, Inquiry Committee, BUET, Ref.3994(3), dt.30.6.94.
- 19) Chairman, Inquiry Committee, BUET, Ref.1467(4), dt. 6.11.89.
- 20) Chairman, Inquiry Committee, BUET, Ref.040/E dt.5.1.88.
- 21) Chairman, Inquiry Committee, BUET, Ref.1653(3), dt. 24.9.97.
- 22) Chairman, Inquiry Committee, BUET, Ref.4087, dt.23.10.97.
- 23) Executive Chairman, Inquiry Committee, BUET, Ref. Est/Ka-25/Re-497(9), dt. 2.8.06.
- 24) Chairman of the inquiry committee for justification of employment of security guards in Estate, Legal & Security Wing and different Halls of BUET. No. Est./Ka-11/Re.- 5261(3), dt. 7.5.13.
- 25) Chairman of the inquiry committee regarding the affairs of Civil Engineering Department Professor, BUET, Ref. No. Est/Ka-11/Re.-5205(3), dt. 14.4.2015.
- 26) Chairman of the inquiry committee regarding the information of the construction of towing tank for Naval Architecture and Marine Engineering Department, BUET, Ref. No. Est/Ka-11/Re-3999(6), dt. 15.12.2015.
- 27) Chairman, Purchase Committee, BUET, VC Ref.S-2/94-95/C-2015(3), dt.15.12.94.
- 28) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, dt. 25.10.2000.
- 29) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, Ref. No.DAERS/TAPA/D-225/02, dt. 20.10.02.
- 30) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, Ref. No.DAERS/TAPA/D, dt. 12.12.04.
- 31) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, Ref. No.DAERS/TAPA/D, dt. 11.3.07.
- 32) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, Ref. No.DAERS/TAPA/D, dt. 12.3.13.
- 33) Chairman, Enlistment of Printing Presses for DAERS Office, BUET, Ref. No.DAERS/TAPA/D-5/2915, dt. 22.4.15.

- 34) Chairman, Budget Sub-committee, 7th Convocation, 2004, BUET (No. Ref. Exam/CE-409, dt. 24.1.2004).
- 35) Chairman, Budget Sub-committee, 8th Convocation, 2005, BUET (No. Ref. Exam/CE-300, dt. 11.12.2004).
- 36) Chairman, Budget Sub-committee, 9th Convocation, 2006, BUET (No. Ref. Exam/CE-374, dt. 12.11.2005).
- 37) Chairman, Committee of Tender Evaluation for security guard of BUET, (No./N-132 (Part)/Re-2668 (4)), dt. 17.1.04.
- 38) Chairman of the Committee for purchase of towels, soaps, glasses etc. for teachers/officers/staff of BUET, (No. Ka-38/Ref.-2066(5)), dt. 6.11.04.
- 39) Member, Advisory Committee, Track Judge, Time Judge etc. of BUET Annual Sports from 1978 to 2015.
- 40) Member, Dr. Rashid Foundation, nominated by BUET syndicate, Ref-2480 (2), dt. 4.1.04.
- 41) Member, Dr. Rashid Chair Search Committee, BUET, Ref-2943 (5), dt. 11.2.04.
- 42) Member, Standing Committee (for teachers), BUET from January 8, 2002 to January 8 to January 7, 2004.
- 43) Member, Service Reorganizing Committee, BUET from January 8, 2002 to January 8 to January 7, 2004.
- 44) Member, Monitoring Committee, BUET from January 8, 2002 to January 7, 2004.
- 45) Member, Selection Board (for officers), BUET from January 8, 2002 January 7, 2004.
- 46) Member, Costume Sub-committee of Convocation 1993, BUET.
- 47) Member, Steering Committee, 7th Convocation, 2004, BUET (No. Exam/CE-389, dt. 14.1.2004).
- 48) Member, Steering Committee, 8th Convocation, 2005, BUET (No. Est./S-49/Ref-2362, dt. 29.11.2004).
- 49) Member, Steering Committee, 9th Convocation, 2006, BUET (No. Exam/CE-374, dt. 12.11.2005).
- 50) Member, Steering Committee for awarding gold medal to the students of BUET of session 2000-2001 and 2001-2002, Ref. Est/Ka-11/Re-4751, dt. 4.5.2005.
- 51) Member, Inquiry Committee, Incidents in Ahsanullah Hall, BUET, 1990 (Chairman Prof. M.A.T. Ali).
- 52) Member, Inquiry Committee, BUET, Ref. 74(6)/DA-19/92 dt. 29.10.92.
- 53) Member, Inquiry Committee, BUET, Ref.2206 (6) dt. 1.1.97.
- 54) Member, Inquiry Committee, BUET, Ref. 17A-20/Re3276 (3) dt. 7.1.99.
- 55) Member, Inquiry Committee, BUET Ref. N-48/Re-4224 (2), dt. 9.2.2000.
- 56) Member, Inquiry Committee, Regarding the Affairs in CE, Dept., BUET Ref. KA/Re-3768(5), dt. 3.4.01
- 57) Member, Inquiry Committee, BUET Ref.KA-25/Re-2835 (7), dt. 8.1.02.
- 58) Member, Inquiry Committee, BUET, Ref. VC/A-1/V-34 (7), dt. 11.6.02.
- 59) Member, Inquiry Committee, BUET, Ref. Est/Ka-11/Re-5651, dt. 1.1.2012
- 60) Member, Inquiry Committee, BUET, Ref. Est/Ka-25/Re-5763(6), dt. 4.1.2012
- 61) Member, Inquiry Committee Regarding the Affair in Shahid Minar, Ahsanullah Hall and Nazrul Islam Hall, BUET, Ref. Est/Ka-11/Re-5143(4), dt. 2.5.2013

- 62) Convener, Inquiry Committee Regarding the Affair in Titumir Hall, BUET, Ref. Est/13B-657/Re-1182, dt. 7.9.09.
- 63) Member, Academic and Research Committee, Institute of Flood Control Drainage and Research, BUET, Dhaka from 1995 to 1997.
- 64) Member, Dr. Rashid Trust Fund Board of Trustees (Dr. Rashid Hall), BUET (1999 to 2001).
- 65) Member, Lift Renovation Committee, BUET, Ref. VC P-15/82-83/C147 dt.28.7.98.
- 66) Member, Five Year Development Plan (1997-2002), BUET, Ref. VC/3347/(13) dt. 1.4.97.
- 67) Member, Five Year Development Plan, BUET, Ref. Est/Re-201(12), dt. 14.7.09.
- 68) Member, Formation of University Academic Innovation Fund Secretariat (UAIFS) and University Proposal Screening Committee (UPSC), BUET, No. Estt/Maw-5/R-42, dt. 5.7.09.
- 69) Member, Editorial Board, Journal of Mechanical Engineering Research and Developments, BUET, Dhaka from 1986 to till now.
- 70) Member, Board of Governors, Accident Research Centre, BUET, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh. May 6, 2003. (Ref. DR-768(18)).
- 71) Member, Board of Governors, ICT, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh. January 4, 2004 (Ref. 2477(2)).
- 72) Member, BRTC Consultancy Services Committee Regarding Part Time Teaching, BUET, Ref. KA-11/Re-2317(8), dt. 24.11.02
- 73) Member, Equivalence Committee, BUET, Dhaka, From January 8, 2002 to January 7, 2004.
- 74) Member, Service Review Committee, BUET, Dhaka, From January 8, 2002 to January 7, 2004.
- 75) Member, Tournament Committee, Inter-University Tennis Championship, 2003.
- 76) Chairman, Tournament Committee, BUET Inter Hall Chess Championship, March 7, 2006.
- 77) Member, Three Years Rolling Investment Programme (2004-2007), BUET, Ref. VC/A-1/V-7(12), September 8, 2003.
- 78) Member, Academic and Development Program, BUET, Est/Ka-11/Re-559(13) dt. 30.7.04.
- 79) Member, Executive Committee of Teachers Association of BUET, 1987.
- 80) Member, Executive Committee of Teachers Association of BUET, 1990.
- 81) Member, Executive Committee of Teachers Association of BUET, 1991.
- 82) Member, Executive Committee of Teachers Association of BUET, 1993.
- 83) Member, Executive Committee of BUET Club, 1978.
- 84) Chairman of the committee for the recruitment of library cataloguer of BUET central library formed by BUET authority. Ref. 4572(4), dt. 21.4.99.
- 85) Chairman of the committee for the recruitment of library typist of BUET central library formed by BUET authority. Ref. 4834(4), dt. 12.5.99.
- 86) Chairman of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. 4987(4), dt. 23.5.99.
- 87) Chairman of the committee for the recruitment of library assistant of BUET central library formed by BUET authority. Ref. 4571(4), dt. 21.4.99.

- 88) Chairman of the committee for the recruitment of library assistant of BUET central library formed by BUET authority. No. Est./N-16/ Ref. 5314(4), dt. 11.6.05.
- 89) Chairman of the committee for the recruitment of generator operator of BUET Power Plant formed by BUET authority. Ref. N-218/Re-756(5), dt. 16.8.04.
- 90) Chairman of the committee for the recruitment of generator operator (Mech.) of BUET Power Plant formed by BUET authority No. Est./N-218(Mech.)/Re.-5712(4), dt. 29.6.05.
- 91) Chairman of the committee for the recruitment of generator operator (Mech.) of BUET Power Plant formed by BUET authority No. Est./N-218(M)/Re.-3287(5), dt. 18.1.06.
- 92) Chairman of the committee for the employment of generator operator (Elect.) of BUET Power Plant formed by BUET authority. No. Est./N-218(Elect.)/Re-5713(4) dt. 29.6.05.
- 93) Chairman of the committee for the employment of generator operator (Elect.) of BUET Power Plant formed by BUET authority. No. Est./N-218(E)/Re-3287(5) dt. 18.1.06.
- 94) Chairman of the committee for the recruitment of Pump driver of Engineering Office of BUET formed by BUET authority. No. Est/N-122/Re-3518(4) dt. 10.3.07.
- 95) Chairman of the committee for the recruitment of Assistant Pump driver of Engineering Office of BUET formed by BUET authority. No. Est/N-122(1)/Re-3519(4) dt. 10.3.07.
- 96) Member of the committee for the employment of cataloguer of BUET central library formed by BUET authority. Ref. N-177/Re-755(4), dt. 16.8.04.
- 97) Member of the committee for the recruitment of library assistant of BUET central library formed by BUET authority. Ref. 4083(4), dt. 29.5.97.
- 98) Member of the committee for the recruitment of letterer of BUET central library formed by BUET authority. Ref. 4199(4), dt. 3.6.97.
- 99) Member of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. 4269(4), dt. 9.6.97.
- 100) Member of the committee for the recruitment of library sorter of BUET central library formed by BUET authority. Ref. 4296(4), dt. 10.6.97.
- 101) Member of the committee for the recruitment of library assistant reprographic operator of BUET central library formed by BUET authority. Ref. 885(4), dt. 13.8.97.
- 102) Member of the committee for the recruitment of library sorter of BUET central library formed by BUET authority. Ref. 1900(4), dt. 7.10.97.
- 103) Member of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. 1980(4), 9.10.97.
- 104) Member of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. Est./N-153/Re-2044(4) dt. 16.9.09.
- 105) Member of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. Est./N-156/Re-6565(4) dt. 28.2.10.
- 106) Chairman of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. Est./N-156/Re-3516 dt. 5.2.13.
- 107) Member of the committee for the recruitment of Library Assistant of BUET central library formed by BUET authority. Ref. Est/N-16/Ref-3984(4) dt. 16.3.05.

- 108) Member of the Selection Board for the recruitment of Library Assistant of BUET central library formed by BUET authority. Ref. Est/N-44/Re-504(4) dt. 28.7.07.
- 109) Chairman of the Selection Board for the recruitment of M.L.S.S. for BUET Central Library formed by BUET authority. Ref. Est/N-53/Re-5873(5) dt. 15.6.14.
- 110) Chairman of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. Est./N-156/Re-1806(5) dt. 13.10.14.
- 111) Member of the committee for the recruitment of LDA cum typist of M.E. Dept. formed by BUET authority. (Interview held on 3.8.95 at 9.00 A.M., Chairman Prof. M. A. T. Ali).
- 112) Member of the committee for the recruitment of Lab. Instructor cum storekeeper of M.E. Dept. formed by BUET authority. (Interview held on 9.11.88 at 9.00 A.M., Chairman Prof. M. A. T. Ali).
- 113) Member of the committee for the recruitment of Asst. Foreman cum Instructor of BUET machine shop formed by BUET syndicate on 29.5.91 (Chairman Prof. M. A. T. Ali).
- 114) Member of the committee for the recruitment of Lab. Attendant of M. E. Dept. formed by BUET authority. (Date 1.3.96, Chairman Prof. M. Mizanur Rahman).
- 115) Convener, Technical Sub Committee for purchasing 2MW Gas Engine Power Generator for BUET Power Plant. Ref. No. Est./Ka-38/Re-2195(7) dt. 3.12.06.
- 116) Member of the committee for recruitment of Assistant Accountant for Comptroller Office, BUET No. Est/N-25/Re-4736(4) dt. 22.5.07.
- 117) Member of the Committee for Distribution of Telephone line from the BUET Exchange, No. Est./Ka-11/Re-812(8) dt. 19.8.07.
- 118) Member of the Selection Board for the recruitment of Library Assistant of BUET central library formed by BUET authority. Ref. Est/N-16/Re-3580(4) dt. 30.12.09.
- 119) Chairman, Committee for Review of Post Graduate Ordinance formed by Academic Council, No. Ac/2008/Ka-7/Re-4004(13) dt. 10.2.08.
- 120) Member, Board of Governors, Institute of Water and Flood Management, No. IWFM/Ba-4/2008 from 1.1.08 to 2010.
- 121) Member, Research and Academic Committee, Institute of Water and Flood Management, No. IWFM/88/2008/D from 1.1.08 to 2010.
- 122) Member, Service Review Committee (for employees), Dean, Civil/S.R.C./2008/1665 1.1.08 to 30.10.2010.
- 123) Member of the Committee for Auction of old and damaged goods, BUET No. Comp/Bills-66/99/C- dt. 28.1.08.
- 124) Chairman of the committee for the recruitment of Shop Attendant of Carpentry Shop, No. Est/N-160/Re-3613(4) dt. 16.1.08.
- 125) Chairman of the committee for the recruitment of Craft Instructor of Foundry and Pattern Shop, No. Est/N-42/Re-3570(4) dt. 13.1.08.
- 126) Member of the Committee for improvement of security system of BUET, No. Est/Ka-11/Re-4171(7) dt. 20.2.08.
- 127) Member, Board of Trustee, BUET-DUT Linkage Project (as DAERS), No. Dean, Civil/Board of Trustee-2006/1685(3) dt. 23.2.08.
- 128) Chairman of the Committee for negotiation for the maintenance of two gas generators, BUET, No. Est/Ka-38/Re-6086(6) dt. 17.5.08.

- 129) Chairman of the committee for the recruitment of Head Assistant of DSW office, BUET No. Est/N-51/Re-4525(4) dt. 5.5.09.
- 130) Chairman of the committee for the recruitment of generator operator (Mech.) of BUET Power Plant formed by BUET authority No. Est./N-218/Re.- 4919(5), dt. 1.6.08.
- 131) Chairman of the committee for the recruitment of generator operator (Elect.) of BUET Power Plant formed by BUET authority No. Est./N-218/Re.-4918(5), dt. 1.6.08.
- 132) Member of the committee for the recruitment of MLSS for Registrar's office, BUET formed by BUET authority. Ref. Est/N-53/Ref-485(6) dt. 17.7.09.
- 133) Member, Post Graduate Board of Studies (BPGS) of Department of Mathematics of BUET, Ref. Ba-18/Re-5900 dt. 16.1.10. (From 15.1.10 to date).
- 134) Member of the committee for the recruitment of Foreman Instructor of BUET Machine Shop, No. Est/N-8/Re-6708(8) dt. 6.3.10.
- 135) Member of the committee for University Proposal Screening Committee (UPSC) of BUET, No. Est./N-48/Re.Nil, dt. 9.2.10.
- 136) Chairman of the committee for preparation of Tender Specimen of cars and microbus of Automobile Shop of BUET, DAERS Office, No. Est/Ka-11/re-2827(4) dt. 12.12.10.
- 137) Convener of pay fixation of Assistant Professor of EEE Department, BUET. No. Est./5A-3000/Re-3712(2), dt. 24.1.11.
- 138) Expert Member of the committee for granting financial allocation regarding seminar, conference etc. of BUET, No. Est./Ka-11/Re-9483 dt. 7. 6. 2011.
- 139) Chairman of the Committee for granting scholarships from employee benevolent fund, BUET, No. Comp/Kalyan/4/C-268 dt. 9.8.11.
- 140) Chairman of the Committee for granting scholarships from employees benevolent fund, BUET, No. Comp/Kalyan/4/C-759 dt. 25.2.13.
- 141) Chairman of the Committee for granting scholarships from employees benevolent fund, BUET, No. Comp/Kalyan/4/C- dt. 22.2.14.
- 142) Chairman of the Committee for declaration of damage equipments, BUET, No. Est/Ka-38/Re-504(8) dt. 2.8.11.
- 143) Chairman of the Committee for fixation of hire charge of BUET auto shop vehicles, BUET, No. Est/Ka-11/Re-6488(3) dt. 25.2.12.
- 144) Chairman of the committee for the recruitment of Library Assistant-cum-Documentation Assistant for the central library of BUET, No. Est/N-16/Re-360-1(3) dt. 11.02.2013.
- 145) Member, Selection Committee for the post of Registrar of BUET. BUET, No. Est/Na-74/Re-1327(9)(8) dt. 30.9.12.
- 146) Member, Planning and Development Committee, BUET Syndicate, No. COWN/2013/M-4(10)/Re- 3791(2) dt. 18.2.13.
- 147) Chairman of the committee for condemning two mini buses of auto shop of BUET. BUET, No. Est/Ka-38/Re-5805 (12) dt. 8.6.13.
- 148) Chairman of the committee for condemning the jeep of auto shop of BUET. BUET, No. Est/Ka-11/Re-3037 (15) dt. 24.6.13.

- 149) Chairman of the committee for reviewing the report on a common policy for recruitment, promotion (conversion) and selection grade for the Diploma Engineers working in BUET. No. Est/P-129/Re-495 dt. 23.07.2013.
- 150) Member, upgradation committee of organogram and promotion of teachers/officers of BUET. No. Est/Ka-22/Re-492 dt. 23.07.2013.
- 151) Member of the committee for offering selection grade for the Professors of BUET, No. Est/Sa-34/Re-949(3) dt. 20.08.2013.
- 152) Chairman of the committee for receiving a minibus according to terms and conditions and specifications mentioned in the tender for Automobile Shop of DAERS Office. BUET. No. Est/KA-129/Re-1107/7 dt. 26.08.2013.
- 153) Chairman of the committee for formulation of rules and regulations for distribution of houses of class three and class four employees of BUET, No. Est/Ba-22/Re-402(3) dt. 20.07.2013.
- 154) Member, Employees Benevolent Fund and Employees Welfare Fund Board of Trustees, BUET. No. Comp./Empl. Bene. Fund / No.-7C-1002 dt. 13.1.14.
- 155) Convener of the Committee for negotiation with contractor regarding BUET Centre, BUET. No. Est/KA-25/Re-3655(7) dt. 5.02.2014.
- 156) Chairman of the committee for the recruitment of Assistant Librarian for the central library of BUET, No. Est/N-35/Re-4485(3) dt. 24.02.2014.
- 157) Chairman of the committee for condemning two micro buses of auto shop of BUET. BUET, No. Est/Ka-38/Re-4553 (11) dt. 29.3.14.
- 158) Chairman of the committee for preparing tender specifications for three micro buses of auto shop of BUET. BUET, No. Est/Ka-11/Re-3730 dt. 9.5.14.
- 159) Member, reviewing rules and regulations of degree equivalence formed by Academic Council, No.-AC/PG-Equi/2014/Re-5647(5) dt. 2.6.2014.
- 160) Chairman of the committee for publication of book by BUET authority. BUET, No. Est/Ka-11/Re-442(60) dt. 19.7.14.
- 161) Convener of the tender sub-committee for purchasing an ambulance for auto shop of BUET. BUET, No. Est/Ka-38/Re-952 (10) dt. 26.8.14.
- 162) Member, Benevolent Fund Board of Trustees BUET, No. Comp/Kalyan Trust/C-442 dt. 25. 11. 2014.
- 163) Chairman of the committee for the recruitment of Assistant Librarian for the central library of BUET, No. Est/N-35/2014/16638/Re-2162(4) dt. 29.10.2014.
- 164) Convener of the Committee to review the objectives and activities of the different institutes of BUET formed by Academic Council, No. Coun/M-4/Re-4696(11) dt. 16.3.2015.
- 165) Librarian (in charge) of BUET, from 4.4.2015 to 6.6.2015, No. Est/4A-67/Re-4533 dt. 9.3.2015.
- 166) Member of the committee for systematic use of capital fund of BUET, No. Comp/Accounts/Capital/C-920(5) dt. 6.4.2015.
- 167) Chairman of the tender sub-committee for purchasing a bus for auto shop of BUET. BUET, No. Est/Ka-38/Re-5881 (8) dt. 23.5.15.
- 168) Chairman of the committee for the recruitment of Photographic Assistant of Information and Publication Section of DAERS office of BUET, No. Est/N-61/34691/Re-6394(4) dt. 23.06.2015.

- 169) Chairman of the committee for the recruitment of Assistant Librarian for the central library of BUET, No. Est/N-35/2015/31624/Re-563(6) dt. 05.08.2015.
- 170) Convener of the Technical Sub-Committee for evaluation of tender documents of lifts for Centre of Excellence Building, BUET, No.-ProPro/E-33/14/15/E-284(4) dt. 26.10.15.
- 171) Member of the committee for construction of multistoried residential building for teachers of BUET in BUET campus, BUET No. Est/Ka-11/Re-3230(21) dt. 7.11.15.
- 172) Chairman of the tender sub-committee for purchasing two buses and one microbus for auto shop of BUET. BUET, No. Est/Ka-38/Re-4918 (10) dt. 7.2.16.
- 173) Chairman of the committee for the recruitment of library sorter of BUET central library formed by BUET authority. No. Est/Na-11/41220/Re-5119(5) dt. 16.2.16.
- 174) Convener of the Technical Sub-Committee for evaluation of tender documents of 2MW Gas Engine Generator for BUET Power Plant, P&D/FP-1866/15/EO-18/E-855/4 dt. 12.4.16.
- 175) Chairman of the committee for the recruitment of library attendant of BUET central library formed by BUET authority. Ref. Est./48247/Re-6702(5) dt. 7.5.16.
- 176) Chairman of the review committee for presenting research papers in foreign countries. Est. No./Ka-11/S-01/2021-22/1254970//Ref-1827(20) dt. 31.10.21.

ADMINISTRATIVE EXPERIENCE (Outside BUET)

- 1) Chairman, Diesel Engine, Pumps and Agricultural Implements Division, Bangladesh Standard Testing Institution (BSTI) from 1997 to 2001.
- 2) Chairman, Metallic Sheet, Plate, Wire and Allied Products Division, Bangladesh Standard Testing Institution (BSTI) from 2001 to 2004.
- 3) Chairman of the Committee for Preparing Bangladesh Standard Specification for Hand-Operated Air Compression Sprayer, Bangladesh Standard Testing Institution (BSTI), BDS 1528:2001.
- 4) Visiting Professor, Department of Mechanical and Chemical Engineering, Islamic University of Technology, Gazipur from January 1, 2001 to December 31, 2001.
- 5) Member, Post Graduate Committee of the Department of Mechanical and Chemical Engineering, Islamic University of Technology, Gazipur from January 1, 2001 to till now.
- 6) Member, Syllabus Committee of the Department of Mechanical and Chemical Engineering, Islamic University of Technology, Gazipur from January 1, 2001 to till now.
- 7) Member, Administrative Advisory Committee of the Department of Mechanical and Chemical Engineering, Islamic University of Technology, Gazipur from January 1, 2001 to December 31, 2001.
- 8) Member, Academic Council, Islamic University of Technology, Gazipur from January 8, 2002 to January 7, 2004.
- 9) Member, Examination Committee, Department of Mechanical Engineering, BIT, Chittagong, 1993.
- 10) Member, Syllabus Committee, Department of Mechanical Engineering, BIT, Khulna, 1992.
- 11) Member, Council of Bangladesh Institute of Technology, from January 8, 2002 to 2003.

- 12) Member, Board of Governors, Bangladesh Institute of Management, Government of the Peoples' Republic of Bangladesh, from January 8, 2002 to January 7, 2004.
- 13) Member, Faculty of Science, Dhaka University, Dhaka from July 7, 2004 to February 13, 2006.
- 14) Member, Equivalence and Exemption Committee, The Institution of Engineers, Bangladesh from May, 2005 to date.
- 15) Member, Bangladesh Accreditation Board, Ministry of Industries, Bangladesh from September 2006 to 2010.
- 16) Member of the Committee for Installation of Deep Tube-well in the Campus of Sher-e-Bangla Agricultural University, Dhaka Reference BUET Est/M-5/Re-4709 dt. 21.5.07.
- 17) Member of the Committee for Recruitment of Lecturers and Assistant Professor of MCE Department of Islamic University of Technology, Dhaka, Bangladesh from May 2007 to 2016.
- 18) Member, Selection Committee for Recruitment of Professor and Associate Professor of Mechanical Engineering Department of Rajshahi University of Engineering and Technology (RUET), Bangladesh from March 2007 to February 2009.
- 19) Member, Selection Committee for Recruitment of Registrar, Librarian and equivalent posts of Maulana Bhasani University of Science and Technology nominated by Honorable President and Chancellor. Ref. No. A-26/Est-1/2007/3368(4) dt. 7.9.2007.
- 20) Member of the Committee for Procurement of Equipment for Search and Rescue Operation for Earthquake and Other Disasters, Disaster Management Bureau, Ministry of Food and Disaster Management, Government of the People's Republic of Bangladesh. No. Est/M-5/Re-4912, BUET dt. 5.4.08.
- 21) Member, Committee for Advanced Study and Research, Islamic University of Technology, Gazipur from January 1, 2008 to September 30, 2010.
- 22) Member, Selection Committee for Recruitment of Managing Director of Electricity Generation Company of Bangladesh Limited (An Enterprise of Bangladesh Power Development Board). No. Est/M-5/Re-1761, BUET dt. 2.11.08.
- 23) Member, Syndicate, Islamic University of Technology (The Organization of the Islamic Conference), Dhaka, Bangladesh from 24th November 2008 to date. No. Est/I-33/Re-2159, BUET, dt. 24.11.08.
- 24) Member, National Revenue Board, Government of the Peoples Republic of Bangladesh, Dhaka, Bangladesh, No. Est/M-5/Re-3187, BUET, dt. 28.1.09.
- 25) Expert Member, Selection Committee for Recruitment of Professor and Associate Professor for the Department of Mechanical Engineering and Aeronautical Engineering, Military Institute of Science and Technology (MIST), Dhaka-1216. Ref. N0.Est/Ba-37/Re-3910 dt. 29.3.2009, BUET.
- 26) Expert Member, Selection Committee for Recruitment of Associate Professor for the Department of Mechanical Engineering of Dhaka University of Engineering and Technology (DUET), Gazipur. Memo No. DUET/1914(3), dt. 27.7.09.
- 27) Expert Member, Selection Board for Recruitment of Personal Professor for the Department of Mechanical Engineering of Dhaka University of Engineering and Technology (DUET), Gazipur. Memo No. DUET/130(3), dt. 21.1.10.

- 28) Member, Selection Board for Recruitment of Class One officers, Bangladesh Accreditation Board, Ministry of Industries, Ref. No. Est/M-5/Re-8324/7, BUET, dt. 30.5.2010.
- 29) Member, Selection Board for Recruitment of Class One officers, Bangladesh Accreditation Board, Ministry of Industries, Ref. No. 36.90.0000.001.11/756(KA), BUET, dt. 13.12.2011.
- 30) Expert Member, Selection Committee for Recruitment of Professor for the Department of Mechanical Engineering of Dhaka University of Engineering and Technology (DUET), Gazipur. Memo No. DUET/2437, dt. 03.11.10.
- 31) Expert Member, Selection Committee for Recruitment of Professor for the Department of Mechanical Engineering of Dhaka University of Engineering and Technology (DUET), Gazipur. Memo No. DUET/1914(3), dt. 27.7.09.
- 32) Member, Selection Committee for Recruitment of Faculty Members and Professor, United International University, Satmasjid Road, Dhanmondi, Dhaka 1209.
- 33) Expert Member, Selection Committee for Recruitment of Assistant Professor and Lecturer for the Department of Mechanical Engineering of Chittagong University of Engineering and Technology (CUET), Chittagong. Memo No. CUET/KAO-16/3543, dt. 20.12.11.
- 34) Expert Member, Selection Committee for Recruitment of Professor and Associate Professor for the Department of Mechanical Engineering of Dhaka University of Engineering and Technology (DUET), Gazipur. Memo No. DUET/2898, dt. 17.11.12.
- 35) Member, Technical Committee, Modernization of Bangla Academy Press, Bangla Academy, Memo No. Promap-sa-459/2014/1033/BA dt. 12.4.15.
- 36) Member, Academic Council, Bangladesh Army University of Science and Technology (BAUST), Saidpur, Saidpur Cantonment, Memo: BAUST/Academic Council-63/2015/142 dt. 11.5.2015.
- 37) Member of the Committee for checking of supplying, installing, testing and commissioning of central air conditioning system at TSC Auditorium, University of Dhaka, No. Prokaushal/1002(10) dt. 28. 10. 15.
- 38) Member, Selection Committee for recruitment of Professor and Associate Professor for the Department of Mechanical Engineering of Chittagong University of Engineering and Technology (CUET), Chittagong Memo No.-CUET/Reg./KAO-27/3747, dt. 20.12.15.
- 39) Chairman, Tender Committee for purchasing and installation of bi-colour offset printing machine for Bangla Academy, Memo No. 65/8/BA dt. 8.8.16
- 40) Member, Selection Committee for recruitment of Professor and Associate Professor for Institute of Energy Technology (IET) of Chittagong University of Engineering and Technology (CUET), Chittagong Memo No.-CUET/Reg./KAO-42/32920, dt. 20.08.17.
- 41) Member of the Committee for confirmation of the specifications of machinery and equipments for Bangladesh Government Press, Tejgaon, Dhaka-1208, Memo No.-05.82.0000.018.07.022.18-18/2660/1 dt. 17.9.17.
- 42) Member, Selection Committee for recruitment of Lecturers for the Department of Mechanical Engineering, Military Institute of Science and Technology, Mirpur , Dhaka from 1.1.2017 to date.

- 43) Examiner, Bangladesh Public Service Commission Exams. Memo No,- 80.107.011.00.004.2015-738 dt. 12.12.21.
- 44) Expert Member, Selection Board for Recruitment of Professor for the Department of Mechanical and Production Engineering of Islamic University of Technology (IUT), Gazipur. Memo No. PER/61-108-VII, dt. 4.1.22.

MEMBERSHIP/FELLOWSHIP

1. Fellow (F-1914), Institution of Engineers, Bangladesh.
2. Honorary Fellow (No. 266), Bangla Academy, Dhaka, Bangladesh.
3. Fellow (F-35), Bangladesh Society of Mechanical Engineers, Bangladesh.
4. Life Member (LM-1214), Bangla Academy, Dhaka, Bangladesh.
5. Life Member (LM-1348), Asiatic Society of Bangladesh.
6. Life Member (LM-44), National Oceanography and Maritime Institute, Bangladesh.
7. Life Member, Bangladesh Physical Society.
8. Life Member, Bangladesh Solar Energy society.
9. Life Member (LM-462), Bangladesh Association for the Advancement of Science, Bangladesh.
10. Fellow (F-091), Bangladesh Computer Society, Dhaka, Bangladesh.
11. Member, Bangladesh Astronomical Society.

SOME TECHNICAL CONSULTANCY WORKS:

1. Member, Consultancy and Testing of Different Engines, Pumps, Fittings, Water Meters, Gas Meters, Pressure Controllers etc. from 1976 to 2016.
2. Member, Technical Evaluation Committee of Automatic Fire Detection, Alarm and Public Address System of Jiban Bima Corporation Building, Dhaka, 1986.
3. Member, Technical Evaluation Committee of Fish Feed Manufacturing Plant for Saudi-Bangla Fish Feed Limited, Valuka, Mymensingh, 1987.
4. Member, Technical Evaluation Committee for the Supply of Portable Dial Scales for the Directorate General of Food, Govt. of the Peoples' Republic of Bangladesh, 1987.
5. Member, Technical Evaluation Committee of the Edible Oil Refining Plant of M/S Meghna Vegetable Oil Industries Financed by Saudi-Bangladesh Industrial & Agricultural Investment Company Ltd., 1989.
6. Member, Technical Evaluation Committee of Modification and Improvement of Pump Test Bed of BMTF, Joydevpur, 1989.
7. Member, Technical Evaluation Committee for a Tube Light Manufacturing Industry, Dhaka, 1989.
8. Member, Technical Evaluation Committee of Design Checking of Cargo Transfer System of PDB at Kaptai, Chittagong, 1989.
9. Member, Technical Evaluation Committee for Fire Fighting Water of Department of Supply and Inspection, Ministry of Commerce, Govt. of the Peoples' Republic of Bangladesh, 1989.
10. Member, Technical Evaluation Committee of 210 MW Power Station, Chittagong, 1990.

11. Member, Technical Evaluation and Design Checking Committee of Central Air Conditioning System for High Rise Second Annex Building, Bangladesh Bank, Motijheel Commercial Area, Dhaka, 1991.
12. Member, Technical Evaluation Committee of Trouble Shooting of 900 ton Jute Bailing Press of Alhaj Jute Mill, Sarisabari, Jamalpur, 1991.
13. Member, Technical Evaluation Committee of Equipment Checking of Biman Poultry Complex, Savar, Dhaka, 1991.
14. Member as a Consultant for Design and Installation of Salt Iodization Project (SIP) of UNICEF in Bangladesh, 1991-1993.
15. Member, Technical Evaluation on Survey of Air Handling Unit of Dhaka Sheraton Hotel, 1994.
16. Member, Technical Evaluation Committee of Air Conditioning System of National Museum, Dhaka, 1995.
17. Member, Technical Evaluation Committee of Powder Milk Plant of Milk Vita, Dhaka, 1995.
18. Member, Conducting Training Courses on Cold Chain Management Funded by UNICEF, 1995.
19. Member as a Consultant of Dolaikhal Pumping Station, Dhaka City Corporation, Dhaka, 1996.
20. Member, Technical Evaluation Committee of Air Conditioning System of Bangladesh Agricultural Research Council (BARC), Dhaka, 1999.
21. Member, Calibration of Water Flow Meters of WASA, Dhaka, 1999.
22. Member, Technical Evaluation Committee of Verification of Plant & Machinery & Related Tools of Mark Shoe Ltd., Dhaka, January 2000.
23. Member, Technical Evaluation Committee of Technical Assessment of 267 Salt Iodization Plants in Eight Salt Producing Zones of Bangladesh funded by UNICEF, February 2000.
24. Member, Calibration of Air Flow Meter of Confidence Trade Limited, March 2000.
25. Member, Technical Evaluation Committee of Setting of Water Treatment Plant, Dhaka Export Processing Zone, June 2000.
26. Member, Design Committee of Centrifuge for Salt Iodization Plant, UNICEF, Dhaka, From 2002 to till now.
27. Member, Testing Committee of PVC Pipes and Neoprene Bearing Pad, May 2002.
28. Member, Calibration of Air Flow Meter of Confidence Trade Limited, 45 Gulshan Avenue, Dhaka-1212, August 2002.
29. Member, Consultancy Work for the Fake Note Detecting Machine and Counting Machine of Bangladesh Bank, Dhaka, August, 2003.
30. Member, Consultancy Work for the Water Treatment Plant of Public Health, Gopalganj, Faridpur, March 2003.
31. Member, Training Course on Gas Turbine for Bangladesh Navy, August 2003.
32. Member, Training Course on Gas Turbine for Bangladesh Navy, August 2004.
33. Member, Training Course on Gas Turbine for Bangladesh Navy, August 2005.
34. Member, Training Course on Gas Turbine for Bangladesh Navy, August 2006.
35. Member, Training Course on Gas Turbine for Bangladesh Navy, August 2008.
36. Member, Consultancy Work for Designing the Capacity of Flood Protection Pumps of Sanofi Aventis, Tongi, March 2005.

37. Member, Consultancy Work of Installation of Machinery of United Sugar Mills Limited, Meghnaghat, Sonargaon, Narayanganj, April 2005.
38. Member, Consultancy Work for Upgradation of Salt Iodization Plant (UNICEF Project), May 2005.
39. Member, Consultancy Work of Installation of Water Purifying Plant of Hamza Textile Ltd., Kashimpur, Gazipur, May 2005.
40. Member, Consultancy Work of Installation of Machinery of Popular Pharmaceuticals Ltd., Tongi, Gazipur-1711, September 2005.
41. Member, Consultancy Work of Installation Machinery of Messrs Danish Condensed Milk (BD) Ltd., Dhaka, September 2005.
42. Member, Consultancy Work of Upgradation of Salt Iodization Plants (SIP) in Narayanganj Zone, May 2005 to 2007.
43. Member, Consultancy Work of Installation of Machinery of China-Bangla Ceramic Industries Ltd., Narayanganj, November 2006.
44. Member, Consultancy Work of Feasibility of Installation of 125 BPM PET Line for Tabani Beverage Co. Ltd., Dhaka, March 2007.
45. Member, Consultancy Work of Installation of Machinery of Sattar Textile Mills Ltd., Kaliakoir, Gazipur, May 2007.
46. Member, Consultancy Work of Installation of Machinery of Bay Agro Industries Ltd., Kaliakoir, Gazipur, May 2007.
47. Member, Consultancy Work of Installation of Machinery of Padma Paper Mills Ltd., Rajendrapur, Gazipur, September 2007.
48. Member, Consultancy Work of Installation of Machinery of M/S Super Meat Products (BD) Ltd., Mulaid, Sreepur, Gazipur, October 2007.
49. Member, Consultancy Work of Supervision of Urgent Rehabilitation of Pumping Facilities of G. K. Irrigation Project for Sustaining Rural Economic Development, from March 2008 to June 2009.
50. Member, Consultancy Work of Installation of Machinery of Hospital Grade Laundry System (Washing Plant) for 2000 Bedded Facilities (BSMMU), Dhaka, May 2008.
51. Member, Consultancy Work of Installation of Machinery of Ceramic Industry of M/S R. A. K. Ceramic (BD) Pvt. Ltd., Sreepur, August 2008.
52. Member, Consultancy Work of Installation of Machinery of Padma Crown Ltd., Jamur Muchipara, Hemayetpur, Savar 2009.
53. Member, Consultancy Work of Installation of Machinery of Global Ad Star Bag Industries Ltd., Meghnaghat, Sonargaon, Narayanganj, May 21, 2010.
54. Member, Consultancy Work of Installation of Central Air Conditioning System Machinery Imported by M/S Shanta Properties Ltd. SPL Western Tower, 186 Tejgaon Industrial Area, July 7, 2010.
55. Member, Consultancy Work of Investigation of Workability of Polypropylene and Polyethylene Bag Manufacturing Machinery of M/S Miracle Industries Ltd., Dhaka Trade Center (10th Floor), 99, Kazi Nazrul Islam Avenue, Kawran Bazar C/A, Dhaka-1215, July 31, 2010.
56. Member, Consultancy Work of Investigation of Capacity of Refrigerators Imported by M/S RANGS Industries Ltd., 184, Tejgaon Industrial Area, Dhaka, October 10, 2010.

57. Member, Consultancy Work of Investigation of Water Consumption of Kohinoor Chemical Co. (BD) Ltd., Tejgaon Industrial Area, Dhaka, November 8, 2010.
58. Member, Consultancy Work of Installation of Central Air Conditioning Plant Machinery Imported by M/S Desh Electronics Ltd. 902, Concord Tower, 113, Kazi Nazrul Islam Avenue, Dhaka, April 24, 2011.
59. Member, Consultancy Work of Installation of Gantry Crane Components Imported by M/S Ananda Shipyard & Slipways Ltd. 10/1 (9th Floor), City Heart, 67 Naya Paltan, Dhaka, June 8, 2011.
60. Member, Consultancy Work of Installation of Machinery for CLEAN and HVAC Plants of M/S Incepta Vaccine Ltd., 40 Shahid Tajuddin Ahmed Sarani, Tejgaon Industrial Area, Dhaka, June 26, 2011.
61. Member, Consultancy Work of Installation of Machinery for Cold Storage System Imported by M/S Egarosindur Cold Storage Ltd., House 18, Road-6, Block-B, Banasree, Rampura, Dhaka, July 31, 2011.
62. Member, Consultancy Work of Installation of Equipments for Brand New Complete Humidification System with Standard Accessories and Chiller with Standard Accessories Imported by M/S Padma Weaving Ltd. House No. B-168, Lane No. 23, New D.O.H.S., Mokhali, Dhaka-1205, September 2011.
63. Convener, Consultancy Work of Study of Upgradation of Jute Mills for Higher Productivity financed by KATALIST (NGO), October 2011..
64. Convener, Consultancy Work of Investigation of Compressors with Air Cooled Condensing Units imported by M/S Gemcon Food & Agricultural Products Meena House 719/A, Satmosjid Road, Dhanmondi, Dhaka-1209, December, 2011.
65. Convener, Consultancy Work of Performance Testing of a New 300TR Centrifugal Chiller and a Cooling Tower Installed at Janata Bank Limited, Head Office, 110 Motijheel C/A, Dhaka-1000, January, 2012.
66. Convener, Consultancy Work of Investigation of Machinery for Clean Room and HVAC Plants imported by M/S Beximco Pharmaceuticals Limited, 17, Dhanmondi R/A, Road No. 2, Dhaka-1205, February, 2012.
67. Convener, Consultancy Work of Investigation of Central Air Conditioning (HVAC) System at M/S SUNMAN Pharma Pharmaceutical Limited, Silver Tower (16th Floor), 53 Gulshan Avenue, Dhaka-1212, February, 2012.
68. Convener, Consultancy Work of Investigation of Machinery for Air Conditioning Plant Imported by M/S Mahmud Denims Limited, House No. 25, Road No. 10, Sector 6, Uttara, Dhaka-1230, March, 2012.
69. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Central Air Conditioning System of Pharmaceutical Industry Imported by M/S Labaid Pharmaceuticals Ltd., House No. 1, Road No. 4, Dhanmondi, Dhaka-1205, December 18, 2012.
70. Convener, Consultancy Work of Investigation of Pre-fabricated Building Sandwich Panel with Necessary Accessories Imported by M/S Labaid Pharmaceuticals Ltd., House No. 1, Road No. 4, Dhanmondi, Dhaka-1205, December 19, 2012.
71. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Export Oriented Textile Spinning Imported by M/S Tamishna Synthetics Ltd., Plot No. 129, 135, 136, Bhadam, P. O. Nishatnagar, Tongi, Gazipur-1711, December 24, 2012.

72. Convener, Consultancy Work of Investigation of Complete Set of Brand New Machinery for Preparation of Animal Feed Imported by M/S Grambangla Poultry & Fish Feed Ltd., Hatimara, Sardagonj, Kashimpur, Gazipur-1346, March 11, 2013.
73. Convener, Consultancy Work of Investigation of Brand New Capital Machinery: Thermax Dual Gas Cum Diesel Fired Vapour Absorption Chiller Imported by M/S Cosmopolitan Industries Pvt. Limited, Khejur Bagan, Boro Ashulia, Savar. April 28, 2013.
74. Convener, Consultancy Work of Investigation of Cooling Capacity of Package Type Air Conditioner Imported by Berger Paints Bangladesh Limited, Taksur, Nabinagar, Savar, Dhaka-1340. June 8, 2013.
75. Convener, Consultancy Work of Investigation of Complete Humidification System with Standard Accessories Imported by M/S Rahmat Spinning Mills Ltd., Jugirchala, Mouchak, Kaliakoir, Bhadam, Gazipur. June 22, 2013.
76. Convener, Consultancy Work of Investigation of Installation of Capital Machinery Imported by M/S Envoy Textiles Ltd., Jamirdia, Bhaluka, Mymensingh. August 16, 2013.
77. Convener, Consultancy Work of Investigation of Brand New Capital Machinery of Complete Ventilation System for Engine Room with Standard Accessories Imported by M/S Prime Melange Yarn Mills Ltd., Nandalalpur Road, Pagla, Narayanganj, August 24, 2013.
78. Convener, Consultancy Work of Technical Evaluation of Islam Re-Rolling Mills Limited, Eyar Ali Re-Rolling & Steel Mills Limited and Islam Oxygen Limited , 119/E/1, Distillery Road, Dholaikhal, New Road, Dhaka, September 29. 2013.
79. Convener, Consultancy Work of Investigation of Complete New Cold Room Plant for Biscuit and Bakery Industry Imported by M/S Well Accessories Ltd., (Food Division) Baniarchar, P. O. Bhabanipur, Mirzapur, Gazipur, November 25, 2013.
80. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Bread and Biscuit Industries Imported by M/S Masafi Bread and Biscuit Industries Ltd., Gorai, Mirzapur, Tangail, January 19, 2014.
81. Convener, Consultancy Work of Investigation of Capital Machinery for VRV System Central Air Conditioner Plant Imported by M/S Techno Associates, Progoti Tower (3rd Floor), Progoti Sarani (Marul Badda), Dhaka-1212, January 30, 2014.
82. Convener, Consultancy Work of Investigation of Capital Machinery for VRF Central Air Conditioning System Imported by M/S Nina Holdings Ltd., Plot No. 227/A, Gulshan Tejgaon Link Road, Tejgaon I/A, Dhaka-108, March 1, 2014.
83. Convener, Consultancy Work of Investigation of Capital Machinery Biological Effluent Waste Water Treatment Plant (Water Purifying Plant) Imported by M/S K. C. Print Limited, 57/1, Water Works Road, Godnail, Narayanganj-1400, March 3, 2014.
84. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Auto Bricks Manufacturing Plant with Standard Accessories Imported by M/S Alif Auto Bricks Ltd., 402 New Eskaton Road (Baro Magh Bazar), Dhaka-1000, March 9, 2014.
85. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Poultry Incubation Imported by M/S New Hope Farms Bangladesh Ltd., House-0,1, Road-04, Sector-03, Uttara, Dhaka-1230, May 2014.

86. Convener, Consultancy Work of Designing Pipe Line System to Supply Water from Ganges River, Bengal Plastic Pipes Ltd., Bengal House, 75, Gulshan Avenue, Gulshan, Dhaka, May 2014.
87. Convener, Consultancy Work of Investigation of Compressor Capacity (IMW50) of M/S B. Baria Filling Station, Panuarpool, Vinglabari, Debidar, Comilla, May 2014.
88. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Preparing Animal Feeding Stuff Imported by M/S Lion Feeds Limited, Plot No. 289, Chandana, Lakshmipura, Gazipur, November 2014.
89. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Complete Humidification System with Standard Accessories Imported by A. A. Yarns Mills Limited, Nagar Howla, Sreepur, Gazipur, Dhaka, November 2014.
90. Convener, Consultancy Work of Investigation of Installation of Brand New Capital Machinery with Accessories for Ceramic Tiles Industries Imported by M/S X-Ceramics Ltd., Building-34, Road-12, Block-K, Baridhara Diplomatic Zone, Dhaka-1212, December 2014.
91. Convener, Consultancy Work of Investigation of Installation of New Utilities at Square Pharmaceuticals Limited Premises imported by Square Pharmaceuticals Limited, 48, Mohakhali Commercial Area, Dhaka-1212, December 2014.
92. Convener, Consultancy Work of Investigation of Installation of New Utilities at Square Formulations Limited Premises imported by Square Formulations Limited, 48, Mohakhali Commercial Area, Dhaka-1212, December 2014.
93. Convener, Consultancy Work of Investigation of Installation of Central Air Conditioning System and Pre-Fabricated Building with Necessary Accessories imported by NIPRO JMI Pharma Limited, 7/A, Shantibag, Dhaka-1217, January 2015.
94. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Export Oriented Textile Spinning Mills: Complete Humidification and Waste Collection System with Standard Accessories Imported by M/S Tamishna Synthetics Ltd., Plot No. 129, 130, 135, 136, Bhadam, P. O. Nishatnagar, Tongi, Gazipur-1711, February 7, 2015.
95. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Export Oriented Textile Spinning Mills: Humidification Plant System with Necessary Electrical and Mechanical Spare Parts Imported by M/S CRC Textile Mills Limited, 43, Sreepur, Gazipur, February 17, 2015.
96. Convener, Consultancy Work of Investigation of Brand New Complete Machinery with Standard Accessories for Oxygen Production Imported by M/S Union Oxygen Limited, Lakhon Khola Bades, Narayanjonj, February 22, 2015.
97. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Export Oriented Textile Industry: Complete Humidification Plant with Standard Accessories Imported by M/S Evince Textiles Limited, Shirir Chala, Bhabanipur, Mirzapur, Joydevpur, Dist. Gazipur, March 21, 2015.
98. Convener, Consultancy Work of Investigation of Installation of Brand New Capital Machinery with Standard Accessories for Ceramic Tiles Industries Imported by M/s ATI Ceramics Limited, B. K. Bari, P. O. Bhawal Mirzapur, P. S. Jaydevpur, Gazipur, March 28, 2015.

99. Convener, Consultancy Work of Investigation of Installation of New Utilities at Square Formulations Limited Premises imported by Square Pharmaceuticals Limited, 48, Mohakhali Commercial Area, Dhaka-1212, May18, 2015.
100. Convener, Consultancy Work of Investigation of Brand New Capital Machinery for Central Air Conditioning System Imported by M/S Confidence Trade Limited, 09-05 Navana Tower, 45 Gulshan Avenue, Dhaka - 1212, June 2015.
101. Convener, Consultancy Work of Technical Responsiveness of the Tender Documents on Supplying, Installing, Testing and Commissioning of Central Air Conditioning System at TSC Auditorium, University of Dhaka, Dhaka-1000, July 2015.
102. Convener, Consultancy Work of Investigation of Installation of Sandwich Panel with Standard Accessories for Pharmaceutical Industry Imported by M/S Ziska Pharmaceuticals Limited, Nurul Tower (4th and 5th Floor), 34, Purana Paltan Lane, Dhaka-1000, October 2015.
103. Convener, Consultancy Work of Investigation of Installation of Fire Protection and Detection System Imported by M/S Sterling Creations Limited, House No. 25, Flat No. B-2, Road No. 47, Gulshan-2, Dhaka, November 5, 2015.
104. Convener, Consultancy Work of Investigation of Installation of Brand New Continuous Casting Complete Plant Imported by M/S Salam Casting Mills (Pvt.) Ltd., 9/A, Malitala Lane, English Road, Dhaka-1100, December 30, 2015.
105. Convener, Consultancy Work of Investigation of Installation of Equipment for Complete Ceramic Brick Making Plant with Spare Parts Imported by M/S Tradexcel Auto Bricks Ltd., Green Square (4th Floor), House No. 1/B, Road No. 8, Gulshan – 1, Dhaka – 1212, December 31, 2015.
106. Convener, Consultancy Work of Investigation of Installation of Sauce Preparation and Filling Unit Plant Imported by M/S Primal Foods and Drinks Ltd., Gafur Munshi Road, Zirabo. P. S. Ashulia, Dhaka-1341, January 2, 2016.
107. Convener, Consultancy Work of Investigation of Installation of Brand New Capital Machinery for Oil Refinery Plant Imported by Meghna Edible Oils Refinery Limited, Fresh Villa, House No. 15, Road No. 34, Gulshan-1, Dhaka – 1212, February 7, 2016.
108. Convener, Consultancy Work of Investigation of Installation of Pre-fabricated Building and Capital Machinery for Pharmaceutical Industry Imported by M/S Advanced Chemical Industries (ACI) Limited, 7, Hajeegonj Road, Godnyl, Narayangonj – 1400, February 27, 2016.
109. Convener, Consultancy Work of Investigation of Installation of Sandwich Panel with Standard Accessories for Pharmaceutical Industries Imported by M/S Aristopharma Ltd. Plot No. 21, Road No. 11, Shampur-Kadamtali I/A, Dhaka-1204, May 7, 2016.
110. Convener, Consultancy Work of Investigation of Installation of Capital Machinery for Pharmaceutical Industries Imported by M/S Aristopharma Ltd. Plot No. 21, Road No. 11, Shampur-Kadamtali I/A, Dhaka-1204, May 7, 2016.
111. Convener, Consultancy Work of Investigation of Installation of Fire Fighting System with Accessories for 100 Percent Export Oriented Readymade Garments Imported by M/S Impress Fashion Limited, Evergreen Plaza (1st Floor), 260/B, Tejgaon Industrial Area, Dhaka-1208, May 17, 2016.

112. Convener, Consultancy Work of Investigation of Installation of a Clean Room Facility for Pharmaceuticals with Sandwich Panel and All Standard Accessories Imported by Apex Pharma Limited, House No. 06, Road No. 137, Block No. SE(D), Gulshan-1, Dhaka-1212, May 22, 2016.
113. Convener, Consultancy Work of Investigation of Brand New Complete Machinery with Standard Accessories for Cold Storage Imported by M/S N. M. Cold Storage, 4/25, Block-D, Talbagh, Genda, Savar, Dhaka, June 19, 2016.
114. Convener, Consultancy Work of Investigation of In-situ Pump Discharge Measurement at Goranchatbari Pump Station of Bangladesh Water Development Board, Goranchatbari Pump Station, Rupnagar Thana, Dhaka, October 19, 2016.
115. Convener, Consultancy Work of Investigation of Installation of Fire Protection Sprinkler System for 100 Percent Export Oriented Readymade Garments Imported by M/S Ecotex Limited, Chandpura Pollibiddut, Kaliakair, Gazipur, November 27, 2016.
116. Member, Consultancy and Testing Committee, Department of Mechanical Engineering, Military Institute of Science and Technology, Dhaka 1216.

Other Research and Academic Activities:

1. BRTC Research Report, “Study of Flow Through Jets Issuing from Square Nozzles”, BUET, August 1981.
2. Member, Organizing Committee, “Seminar on Fluid Mechanics Research”, BUET, Dhaka, Bangladesh, December 27-28, 1995.
3. Editor, Proceedings of “Seminar on Fluid Mechanics Research”, BUET, Dhaka, Bangladesh, December 27-28, 1995.
4. Member, Organizing Committee, “Second International Seminar on Fluid Mechanics and Heat Transfer”, BUET, Dhaka, Bangladesh, December 17-18, 1997.
5. Editor, Proceedings of “Second International Seminar on Fluid Mechanics and Heat Transfer”, BUET, Dhaka, Bangladesh, December 17-18, 1997.
6. Member, Organizing Committee, “Third International Conference on Fluid Mechanics and Heat Transfer”, BUET, Dhaka, Bangladesh, December 15-16, 1999.
7. Editor, Proceedings of “Third International Conference on Fluid Mechanics and Heat Transfer”, BUET, Dhaka, Bangladesh, December 15-16, 1999.
8. BRTC Research Report, “Study of the Extent of the Damage of Pump Stations for Drinking Water Supply During 1998 Flood in Dhaka City”, BUET, January 1999 (total pages 164).
9. Member, Editorial Board, International Conference on Thermal Engineering, BSME-ASME, 31st Dec., 2001- 2nd January, 2002, Dhaka, Bangladesh.
10. Session Chairman, International Conference on Renewable Energy for Rural Development, Technical Session – VI: Biomass and Biogas, 19-21 January, 2002, BUET, Dhaka.
11. Member, Editorial Board, 2nd International Conference on Thermal Engineering, BSME-ASME, 2 – 4 January, 2003, Dhaka, Bangladesh.
12. Member, Organizing Committee, Photovoltaic Technology for Bangladesh, 3-7 March 2001, Organized by Mechanical Engineering Department, BUET, Center for Renewable Energy Systems Technology (CREST), Loughborough University, UK.

13. Member, Organizing Committee, 5th International Conference on Mechanical Engineering, ICME 2003, Dhaka, 26-28 December 2003.
14. Member, Publication and Technical Sub-committee, 5th International Conference on Mechanical Engineering, ICME 2003, Dhaka, 26-28 December 2003.
15. Chairman, Secretariat Committee, 6th International Conference on Mechanical Engineering, ICME 2005, Dhaka, 28-30 December 2005.
16. Chairman, Entertainment Sub-Committee, 7th International Conference on Mechanical Engineering, ICME 2007, Dhaka, 29-31 December 2007.
17. Member, Organizing Committee, 6th International Conference on Mechanical Engineering, ICME 2005, Dhaka, 28-30 December 2005.
18. Member, Organizing Committee, 7th International Conference on Mechanical Engineering, ICME 2007, Dhaka, 29-31 December 2007.
19. Member, Organizing Committee, 11th International Conference on Mechanical Engineering, ICME 2015, Dhaka, 18-20 December 2015.
20. Member, Secretariat Committee, 11th International Conference on Mechanical Engineering, ICME 2015, Dhaka, 18-20 December 2015.
21. Co-Chairman, 8th International Conference on Mechanical Engineering, ICME 2009, Dhaka, 26-28 December 2009.
22. Co-Chairman, 9th International Conference on Mechanical Engineering, ICME 2011, Dhaka, 18-20 December 2011.
23. Chairman, 10th International Conference on Mechanical Engineering, ICME 2013, Dhaka, held in 20-21 June 2014.
24. Member, Organizing Committee, 1st International Conference on the Development in Renewable Energy Technology (ICDRET 2009), United International University, Dhaka, 17-19 December 2009.
25. Member, Organizing Committee, Second International Conference on the Developments in Renewable Energy Technology (ICDRET 2012), United International University, Dhaka, 5 - 7 January 5-7 2012.
26. Member, Organizing Committee, Third International Conference on the Developments in Renewable Energy Technology (ICDRET 2014), United International University, Dhaka, 29 - 31 May 2014.
27. Member, Organizing Committee, 5th BSME International Conference on Thermal Engineering, 21-23 December 2012, Dhaka, Bangladesh.
28. Member, Organizing Committee, 6th BSME International Conference on Thermal Engineering, 19-21 December 2014, Dhaka, Bangladesh.
29. Member, Organizing Committee, 7th BSME International Conference on Thermal Engineering, 22-24 December 2016, BUET, Dhaka, Bangladesh.
30. Member, International Advisory and Paper Review Committee, 1st International Conference on Mechanical Engineering and Applied Science (ICMEAS-2017), 22-23 February, 2017, Military Institute of Science and Technology, Dhaka, Bangladesh.
31. Vice Chairman, Organizing Committee, 13th Asian Congress of Fluid Mechanics (13 ACFM), 17 – 12 December 2010, Dhaka Bangladesh.
32. Member, Publication and Technical Sub-committee, 6th International Conference on Mechanical Engineering, ICME 2005, BUET, Dhaka, 28-30 December 2005.

33. Member, Publication and Technical Sub-committee, 9th International Conference on Mechanical Engineering, ICME 2011, BUET, Dhaka, 18-20 December 2011.
34. Member, Review Committee, 9th International Conference on Mechanical Engineering, ICME 2011, BUET, Dhaka, 18-20 December 2011.
35. Member Organizing Committee , 1st International Conference on Mechanical Engineering and Applied Science (ICMEAS-2017), 22-23 February, 2017, Military Institute of Science and Technology, Dhaka, Bangladesh.
36. Chairman, Entertainment Sub-Committee, 7th International Conference on Mechanical Engineering, ICME 2007, BUET, Dhaka, 29-31 December 2007.
37. Session Chairman, Session 2.3C, 5th International Conference on Mechanical Engineering, ICME 2003, BUET, Dhaka, 26-28 December 2003.
38. Session Chairman, Session C1.4, 7th International Conference on Mechanical Engineering, ICME 2007, BUET, Dhaka, 29-31 December 2007.
39. Session Chairman, Session III (Technical Papers: FM), 8th International Conference on Mechanical Engineering, ICME 2009, BUET, Dhaka, 26-28 December 2009.
40. Session Chairman, Session 23 (Technical Papers: TH), 9th International Conference on Mechanical Engineering, ICME 2011, BUET, Dhaka, 18-20 December 2011
41. Session Chairman, Session 28 (Technical Papers: RT), 9th International Conference on Mechanical Engineering, ICME 2011, BUET, Dhaka, 18-20 December 2011
42. Session Chairman, Technical Session 11, Fluids Engineering (FE-3), 11th International Conference on Mechanical Engineering, ICME2015, BUET, Dhaka, 18-20 December 2015
43. Session Chairman, Technical Session 14, Fluids Engineering (FE-4), 12th International Conference on Mechanical Engineering, ICME2017, BUET, Dhaka, 20-22 December 2017
44. Session Chairman, Technical Session-XII, 2nd BSME-ASME International Conference on Thermal Engineering, 2-4 January 2004, Dhaka, Bangladesh.
45. Session Chairman, Technical Session-XI, 3rd BSME-ASME International Conference on Thermal Engineering, 22-24 December 2006, Dhaka, Bangladesh.
46. Session Chairman, Technical Session-II, 4th BSME-ASME International Conference on Thermal Engineering, 27-29 December 2008, Dhaka, Bangladesh.
47. Session Chairman, Technical Session A3: Wind Energy, First International Conference on the Developments in Renewable Energy Technology (ICDRET 2009), United International University, Dhaka, December 17-19, 2009.
48. Session Chairman, Technical Session D2: Renewable Energy Application – Solar Thermal, Second International Conference on the Developments in Renewable Energy Technology (ICDRET 2012), United International University, Dhaka, January 5-7, 2012.
49. Session Chairman, Technical Session A2: Biomass and Biogas, Third International Conference on the Developments in Renewable Energy Technology (ICDRET 2014), United International University, Dhaka, May 29-31, 2014.
50. Session Chairman, Technical Session 3, Conference of the 6th International Mechanical Engineering Conference, 28-29 September, 2012, The Institution of Engineers, Dhaka, Bangladesh.
51. Session Chairman, Technical Session 18, Conference of the 13th Asian Congress of Fluid Mechanics, 17-21 December 2010, Dhaka, Bangladesh.

52. Session Chairman, Technical Session-II, 4th BSME-ASME International Conference on Thermal Engineering, 27-29 December 2008, Dhaka, Bangladesh.
53. Session Chairman, Technical Session-3, 5th BSME International Conference on Thermal Engineering, 21-23 December 2012, Dhaka, Bangladesh.
54. Session Chairman, Technical Session-9, 6th BSME International Conference on Thermal Engineering, 19-21 December 2014, Dhaka, Bangladesh.
55. Session Chairman, 10th International Conference on Marine Technology, 9-10 December, 2016, BUET, Dhaka, Bangladesh.
56. Session Chairman, Key-note Lecture-2, 7th BSME International Conference on Thermal Engineering, 22-24 December 2016, Dhaka, Bangladesh.
57. Session Chairman, Technical Session-4, 8th BSME International Conference on Thermal Engineering, 19-21 December 2018, Dhaka, Bangladesh.
58. Session Chairman, Key-note Lecture-3, 13th International Conference on Mechanical Engineering, 18-20 December 2019, Dhaka, Bangladesh.
59. Member, Organizing Committee, 8th BSME International Conference on Thermal Engineering, 19-21 December 2018, Dhaka, Bangladesh.
60. Chairman, Keynote Session-3, 1st International Conference on Mechanical Engineering and Applied Science (ICMEAS-2017), 22-23 February, 2017, Military Institute of Science and Technology, Dhaka, Bangladesh.
61. Member Editorial Board, Proceedings of 2nd BSME-ASME International Conference on Thermal Engineering, 2-4 January 2004.
62. Member, Micro Hydro Power Generation System Design, a Project of Local Govt. Engineering Dept., Funded by UNDP, (2002-2003).
63. Member, Assessment of Tidal and Wave Energy Potential at St. Martin Island, a Project of Local Govt. Engineering Dept., Funded by UNDP, (2003-2004).
64. Member, Preparing a Training Manual on Salt Iodization Plants in Bangladesh Funded by UNICEF, 1993.
65. Member, Preparing a Training Manual on Cold Chain Management Funded by UNICEF, 1995.
66. Member, Committee of Wind Energy Mapping (WERM) for Bangladesh, a Joint Project of LGED, BUET and BIT Chittagong, from 2001 to 2004.
67. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2003.
68. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2004.
69. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2005.
70. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2006.
71. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2008.
72. Member, Preparing a Training Manual on Gas Turbine for Bangladesh Navy, 2010.
73. Assistant Sub-Project Manager, Digitization of Central Library of BUET, funded by University Grants Commission of Bangladesh (HEQEP), 2011.
74. Member of Sub-Project: Capacity Building in Applied Gas Dynamics Research for Aerospace Engineering and Science (CP3111), funded by University Grants Commission of Bangladesh (HEQEP), 2014.
75. At present, supervising five M.Sc. Engg. students and one Ph.D. students.
76. Member, Advisory Committee, International Conference on Mechanical Engineering and Renewable Energy 2021 (ICMERE 2021) 12-14 December 2021, Chattogram, Bangladesh.

Involvement in Activities in Institution of Engineers, Bangladesh

1. Fellow (F1914), IEB.
2. Published 22 research papers in IEB journal.
3. Presented 19 research papers in IEB seminars and published in the proceedings.
4. Three times election commissioner of IEB election.
5. Invited speaker in the National Seminar on Renewable Energy for Poverty Alleviation, IEB, 1997.
6. Invited speaker in the International Seminar on Renewable Energy for Poverty Alleviation, IEB, 1999.
7. Invited speaker in the 3rd International Conference on Renewable Energy for Sustainable Development, IEB, 2-4 October 2003, Dhaka, Bangladesh.
8. Received certificate of merit for a research paper from the Institution of Engineers, India, September, 2000.
9. Received best paper Award-2005 from The Institution of Engineers, Bangladesh.
10. Member, Technical Committee of the 3rd International Conference on Renewable Energy for Sustainable Development, IEB. (2 - 4 October 2003, Dhaka, Bangladesh).
11. Working as an examiner of AMIE examination from 1986 to date.
12. Member, Equivalence and Exemption Committee for AMIE Examination, The Institution of Engineers, Bangladesh from May, 2005 till to date.
13. Chief Election Commissioner of BSME-ASME Election, 2002.
14. Chief Election Commissioner of BSME-ASME Election, 2004.
15. Chief Election Commissioner of BSME-ASME Election, 2006.
16. Session Chairman, Technical Session IV, 5th International Mechanical Engineering Conference and 10th Annual Paper Meet, Mechanical Engineering Division, The Institution of Engineers, 30 September-2 October 2005, Dhaka, Bangladesh.
17. Session Chairman, Technical Session 3, Conference of the 6th Mechanical Engineering Conference, 28-29 September, 2012, The Institution of Engineers, Dhaka, Bangladesh.
18. Convener, Syllabus Review Committee (Mechanical Engineering) of AMIE Examination, Ref. No./IEB/Exam/Sylla.Review/2008 dt. 2.3.08.
19. Chairman, Sectoral Committee for Mechanical Engineering Program, Board of Accreditation for Engineers and Technical Education, IEB, Ref. No. BAETE/Sectoral Committee/ME/02. dt. 29.3.10.
20. Member, degree equivalence Committee for IEB membership, IEB Ref. SaDa/IEB/G/AA-65(3)/2014/2075 dt.19.6.2014, The Institution of Engineers, Dhaka, Bangladesh.
21. Member, Equivalence and Exemption Committee of AMIE examination, IEB Ref. SaDa/IEB/Exam/2016/1392 dt. 5.3.2016, The Institution of Engineers, Dhaka, Bangladesh.
22. Member, Moderation Board for Moderation of the Question Papers of the AMIE Examination, IEB Ref. No. HQ/IEB/EXAM/MOD from 2015 to 2019.

