

**List of publication:**

- i. M. A. Azim, M.T. Islam and S.M.N. Islam (1995), Study of axisymmetric jets, *J. Mech. Eng. Res. Dev.*, BUET, Bangladesh, 79-91.
- ii. M. A. Azim and S. M. N. Islam (1995), Axisymmetric turbulent jet flow, *Proc. 22nd Nat. Conf. Fluid Mech. Fluid Power (IIT Chennai, India)* 399-404.
- iii. M. A. Azim and S.M.N. Islam (1997), Investigation of self-preservation of an axisymmetric turbulent jet, *Proc. Asian Congr. Fluid Mech.*, Chennai, India, 545-548.
- iv. M. A. Azim, S. M. N. Islam and M. S. J. Hashmi (1997): Experimental results of wear on substrate materials with thin film coatings, *J. Inst. Engrs. (India)* 78, 101-104.
- v. M. A. Azim and A.K.M.S. Islam (2003), Plane mixing layers from parallel and non-parallel merging of two streams, *Exp. Fluids* 34(2), 220-226.
- vi. M. A. Azim and A.K.M. S. Islam (2003), Turbulent mixing layer from two non-parallel streams, *Aeronautical J.*, RAS 107(1071), 241-248.
- vii. M. A. Azim and A.K.M. S. Islam (2004), Self-similarity in mixing layer from two non-parallel streams, *Proc. IMEC 2004*, 310-316, *Inst. Engrs, Bangladesh*.
- viii. M. A. Azim, A.K.M.S. Islam and M.A.T. Ali (2005), Mixing layer flow with initially non-parallel streams, *Proc. ICME 2005, FL06, Dhaka, Bangladesh*.
- ix. M. A. Azim (2011), Isothermal free jets in high temperature surroundings, *Proc. Inst. Mech. Engrs., Part C: J. Mech. Eng. Sci.* 225 (8), 1913-1918.
- x. M. A. Azim (2012), Spatial evolution of mixing layers: effects of shear and convection, *WSEAS Trans. Fluid Mech.* 7(3), 96-105.
- xi. M. A. Azim (2013), On the structure of a plane turbulent wall jet, *ASME J. Fluids Eng.* 135(8), 084502-5.
- xii. M. A. Azim (2013), A new scaling law and its application in transport phenomena, *Int. J. Appl. Math. Mech.* 9(10), 19-33.
- xiii. M. A. Azim (2014), Future prospects of low compression ignition engines, *J. Inst. Engrs. (India): Series C*: 95(1), 25-30.
- xiv. M. A. Azim (2014), A new concept for the solution of nonlinear differential equations, *Int. J. Innov. Sci. Maths.* 2(5), 414-419.
- xv. M. A. Azim (2014), Effects of efflux velocity and buoyancy on fuel jets, *Int. J. Fluid Mech. Res.* 41(5), 430-439.
- xvi. M. A. Azim (2015), Heat disposal through horizontal submerged jets, *Int. J. Therm. Environ. Eng.* 10(2), 155-160.
- xvii. M. A. Azim (2016), Mixing of co-axial streams: effects of operating conditions, *J. Appl. Fluid Mech.* 9(2), 751-756.
- xviii. M. A. Azim (2016), A new mathematical approach to the turbulence closure problem, *Am. J. Fluid Dyn.* 6(2), 27-41.