

Guest Editorial



Dr. S. Jayaraman,
Senior Consultant Pulmonologist, Chennai

Air Pollution is one of the major threats to the health system. Indoor pollution mainly due to bio mass fuel, house dust and tobacco and non-tobacco smoke. Outdoor pollution mainly due to building dust, exhaust from petrol and diesel vehicles and industrial smoke and tobacco smoke. Air pollution causes predominantly Respiratory diseases due to direct exposure to environment. The important Respiratory diseases due to air pollution are allergic rhinitis, rhino sino bronchitis, chronic obstructive pulmonary disease (COPD) and Asthma attack and lung cancer. Majority of the Respiratory diseases are preventable, treatable and curable if we follow strict hygiene measures, rules and regulations. Prevention of these air pollution induced Respiratory diseases is avoidance of exposure, wearing mask and respirator mask in factories and industries. Particulate matter (micro particles suspended in the air) in the atmosphere which we inhale and reaches the alveoli causing alveolo capillary membrane impairment which leads to chronic lung disease and respiratory failure.

Dr. S. Jayaraman
Senior Consultant Pulmonologist, Chennai.