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ABBREVIATIONS

ANOVA - Analysis of Variance

BOD - Biochemical Oxygen Demand

CDM - Clean Development Mechanism

CI - Carbonyl Index

CPCB - Central Pollution Control Board

CRNTS - Centre for Research in Nanotechnology & Science

DNA - Deoxyribonucleic acid

DSC - Differential Scanning Calorimetry

EAB - Elongation at Break

E-SEM - Environmental- Scanning Electron Microscope

FICCI - Federation of Indian Chambers of Commerce and Industry

FOG - Fat, Oil and Grease

FTIR - Fourier Transform Infrared

GIRDA - Gujarat Industrial Research and Development Agency

GPC - Gel Permeation Chromatography

HDPE - High-density polyethylene

KMC - Kolkata Municipal Corporation

LBA- Luria Bertani Agar

LDPE – Low-density polyethylene

LLDPE - Linear low-density polyethylene

M.T – Metric Ton

MEA - Malt Extract Agar

MFPP - Polypropylene Metallized Film

MnP - Manganese peroxidase

MSU – The Maharaja Sayajirao University of Baroda

MSW - Municipal Solid Waste

NA- Nutrient Agar

NDMC – New Delhi Municipal Corporation

NFCCI - National Fungal Culture Collection of India

PCS - Plasticized Cassava Starch

PDA - Potato Dextrose Agar

PE – Polyethylene

PET - Polyethylene Terephthalate

PP – Polypropylene

PPE – Personal Protection Equipment

PVC - Polyvinyl Chloride

RDF - Refuse derived fuel

SEM - Scanning Electron Microscopy

SICART - Sophisticated Instrumentation Centre for Applied Research & Testing

SWM - Solid Waste Management

TCA - Trichloro Acetic Acid

TS - Tensile Strength

VMC – Vadodara Municipal Corporation