**1. Waste Management Policies and its Legislation (WMPL)**

     WMPL (1) Need for appropriate and updated legislation

     WMPL (2) Public concern and education

     WMPL (3) WM assessment and decision tools

     WMPL (4) Strategy, planning and sustainable management

**2. Generation, Collection, storage and transportation of Solid waste (GCST)**

     GCST (1) Waste generation and characterization in urban/rural areas

     GCST (2) Case studies

     GCST (3) Transfer stations and transportation of wastes.

     GCST (4) Storage Containers, schemes

**3. Biological treatment and energy production (BTE)**

     BTE (1) Composting

     BTE (2)Vermicomposting

     BTE (3) Anaerobic Digestion

     BTE (4) Pretreatment for further processing

**4. Thermal treatment and advanced technologies (TTAT)**

     TTAT (1) Combustion/Incineration

     TTAT (2) Gasification

     TTAT (3) Pyrolysis

     TTAT (4) Plasma Arc Technology

**5. Reduce, reuse, recycle, remediation concepts & implementation strategies. (RRRR)**

     RRRR (1) Sustainable waste utilization

     RRRR (2) Recycling methods

     RRRR (3) Case Studies

     RRRR (4) Processing and quantification

**6. Wastewater treatment and reuse (WTR)**

     WTR (1) Physical, chemical and biological treatment.

     WTR (2) Recent advancement in treatment technologies.

     WTR (3) Phytoremediation of wastewaters

     WTR (4) Constructed Wetlands

**7. Landfilling (LAND)**

     LAND (1) Waste disposal

     LAND (2) Landfill mining

     LAND (3) Leachate collection and treatment

     LAND (4) Design, equipment and technology

**8. Any other issues in solid waste (AOSW)**

     AOSW (1) Life Cycle and Environment Impact Assessment

     AOSW (2) Hazardous waste management

     AOSW (3) Bio-Medical waste management

     AOSW (4) Climate change: Causes, impact, adaptation and mitigation.