



## **AN EXHAUSTIVE STRIDE INTO GREEN PROTOCOL**

Green Protocol strategy has initiated to eliminate waste generation wherever possible and segregation and disposal of waste at the source itself for a cleaner campus and towards a clean environment. This was implemented in a phased manner in BMT Wing. The implementation was inaugurated by Prof. Sanjay Behari, Director, SCTIMST on June 5<sup>th</sup>2023. The nascent stage and second stage has encapsulated BMT canteen and MSV block. The 3rd phase, implementation of green protocol that which encompass the whole BMT campus, has been conducted followed by a walkathon in Biomedical Technology Wing, Poojapura on 01.01.2024. All staff and students of BMT wing has participated in the program, expressed their support and made it a grand success.



The event started by Dr. Gijo Raj [Scientist C] (Division of Polymeric Medical Devices) with introduction of the program, chairs and speakers, succeeded with SWACHH PLEDGE by Dr. Harikrishna Varma P.R (Head, BMT wing) and reiterated by students and staff.



Dr. Harikrishna Varma P.R (Head, BMT wing) has specified that abiding the green protocol guidelines and exploiting of dustbins is mandatory in campus in order to redeem Hygiene, Sanitation and Water abundance. He accentuated imparting the message of waste disposal and familiarizing the various

methods of waste management is vital. He expressed his full support to this initiation.

Dr. Nagesh D. S,(Chairman, Green Protocol Committee, BMT) has promulgated the significance of green protocol as the concept of 3 R's, i.e. Reduce, Recycle and Reuse for waste disposal management and achieving the goal of Zero waste, can be applied in our personal life, family, office, public functions, conferences, festivals and in all walks of life where people assemble in large number. He suggested the staff and students to embrace the commencement and utilize the dustbins accordingly. So that a new culture for safe and hygienic waste management system can be evolved in campus and society as well.



Mr.Sajithlal MK [Engineer-F, Division of Engineering Services] elucidated the objectives and goals of green protocol execution. He stressed the necessity of reducing the generation of waste by adopting sustainable options like reducing the consumption of single-use items like plastic bags, water bottles, aluminium foil, paper glass/cups etc. and suggested to opt for reusable alternatives such as cloth bags, stainless steel/ ceramic/glass utensils for serving food/water etc. He also explained details of 100% in-house management of bio-degradable waste in BMT campus.



Mrs. Jasmin Joseph [Scientific Asst. (Instruments), (Division of Polymeric Medical Devices)] and Mr. Subhash Kumar M. S [Tech. Asst. (instruments)-B, (Division of Artificial Internal Organs)] has demonstrated the appropriate usage of dustbins. They proposed to conduct a clean-up drive once in 6 months by each division and apprised to segregate waste material at source itself and to adopt scientific strategies in waste management for efficiency. They informed that congregated waste material such as paper/bottles/E-waste will be disposed to authorised scrap dealer for recycling. Low value plastics and glass waste will be disposed to Haritha Karma Sena as per the state government

guidelines. They informed that additional bins will be provided on demand through the house keeping department as per the requirement for each lab.

Thereafter, walkathon has started from palace lawn to Smrithivanam traversing medical plant garden, biogas plant, waste storage facility, Aerobic compost pit and incinerator. Dr. Shyni Velayudhan and Dr. Remya KR explained about the medicinal plants garden which was setup by Swacch Bharat mission committee.



Mr.Sajithlal MK explained the details of biogas plant and aerobic composting facility. Mrs.Jasmin Joseph delineated the waste storage area and segregation strategy. Mr. Binu C. P [Asst. Engineer (MRAC)] (Air Condition Maintenance) has illustrated the actual functioning of incineration plant. He mentioned that incineration plant is capable of handling 100 kg waste per hour and notified that,

this incineration plant is constructed 20 years ago and evoked for new biomedical equipment as per the regulatory requirement of Biomedical Waste Management rule 2016. He emphasized the need for isolation of waste material at source with examples.



The program concluded with vote of thank delivered by Mrs. Jasmin Joseph [Scientific Asst. (Instruments)] (Division of Polymeric Medical Devices).

