Gantt Chart of Work Plan

Project Title: Environmentally sustainable smart synthesis of carbon nano material along with the production of High value added fuel and additives for the concrete mixture from waste plastic, hazardous waste around the Himalayan region

Name of PI & Address: Dr. Nanda Gopal Sahoo, Nanoscience and Nanotechnology Centre, Dept. of Chemistry, Kamaun University, Nainital.

S. No.	**Activity**	**1st Year**				**2nd Year**				**3rd Year**			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Appointment of the project staff and literature Review, Collection of the waste plastic and its categorization, Awareness programs.												
2	Purchase materials (chemicals & glasswares), establishment of **SWAYAMBHU-WRM-2021,** Purchase instruments												
3	Collection of required raw materials and value added fuel from the waste plastic through Machine. Purification of the required raw carbon content, Synthesis of Graphene, Awareness programs, making of short documentary about plan, collection of high value added fuel and its characterization.												
4	Characterization and optimization of method employed for the synthesis, optimization of the method and preparation of CNT Awareness programs												
5	Optimization of CNT preparation method and collection of high value added fuel and additives for modified concrete.												

6	Optimization of modified concrete and Fuel conversion Technical modifications												
7	Conclusion and recommendation of future work and submission of a final report												