

DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT

VISION, MISSION AND ACTIVITIES

Sl. NO.	VISION	MISSION	ACTIVITIES
SCIENCE & TECHNOLOGY			
1.	Creating more scientific awareness among the society & students	Popularization of S&T best practices and innovations to the society	<ol style="list-style-type: none">1. Grant-in-aid to the Puducherry Council for Science & Technology (PCS&T) to promote and disseminate Science and Technology in the U.T. of Puducherry.2. Operation and Maintenance of Dr. Abdul Kalam Science Center and Planetarium at Puducherry since 2015, with Marine Life Gallery and Fun Science Gallery having more than 100 exhibits, science park and a state-of-art planetarium to enthrall and educate students.3. Establishment of Space Exposition Center, Innovation Hub and Digital Planetarium at Thirunallar Temple Town, Karaikal.4. Conducting Mobile Science Exhibition Bus shows in schools.5. Celebration of important days of scientific significance in the U.T. of Puducherry.6. Providing financial assistance for conducting Science Exhibitions7. Conducting Summer and Winter Science Camps for the students.8. Organizing periodical webinars on S&T topics

2.	Enabling knowledge generation by promoting basic scientific research	Facilitation of scientific research by way of grants for better applied research.	<ol style="list-style-type: none"> 1. Grant- in - aid to the research projects on identified S&T thrust areas 2. Partial financial assistance for conduct of International/National conferences / Seminars / workshops on S&T topics 3. Travel Grant to Research Scholars to attend international workshops / conference for upgradation of knowledge.
3.		Setting up / Up gradation of S&T labs in Government Schools and Colleges	<ol style="list-style-type: none"> 1. Release of financial assistance for setting up / upgradation of science labs in Govt. schools and colleges.
4.		Promotion of technology transfer from lab to land	<ol style="list-style-type: none"> 1. Funding short term research projects on thrust areas of “S&T Innovation / Applications” to the Government Education / Research Institutions in the U.T. of Puducherry. 2. Establishment of Innovation Hub in the first floor of Dr. Abdul Kalam Science Center and Planetarium to provide hands on training to students on innovation concepts.
5.	Encouraging students to take core science subjects	Promoting S&T and Environment Education Programs in Schools and Colleges	<ol style="list-style-type: none"> 1. Presentation of Best Science Student Awards. 2. Organizing the Science Tours for inculcating scientific temper among students. 3. Organizing science popularization/education programmes for inculcating scientific temper among students. 4. Organizing Sky Watching and other programs during important celestial events to develop scientific temperament among students. 5. Financial assistance to schools under National Green Corps “Eco-club”: EEAT Program for conducting environmental awareness events – 576 schools and 75 colleges are covered under the program.

ENVIRONMENT

6	Strengthening Environmental Governance in the Union Territory	Advising the UT Government on matters related to environment protection and pollution prevention	<ol style="list-style-type: none">1. Advising the state government on all matters concerning the prevention of pollution and environment protection and conservation.2. Planning comprehensive programme for the prevention of pollution.3. Formulation of regulations like Plastic Ban Notification, Use of Clean Fuels, etc.4. Conducting studies related to prevention of pollution and environment protection.5. Preparation of Action Plan for protection and conservation of waterbodies and rivers.6. Preparation of Environment Management Plan for the Union Territory and other matters of environment concern.7. Preparation of State of Environment Report.
7		Enforcement of various Environmental Acts, Rules and Notifications	<ol style="list-style-type: none">1. Issue of Consents / Authorizations / Environment and CRZ Clearances, monitoring and evaluation, issue of directions, taking action against violators of Air, Water and Environment (Protection) Acts and Rules thereunder.
8		Robust Environmental Monitoring	<ol style="list-style-type: none">1. Periodical Monitoring of ambient air quality, stack monitoring, noise levels and waste water discharge in industries.2. Collection of long-term air quality data for Puducherry and Karaikal Region under NAMP program.3. Collection of long-term surface and ground water quality data for U.T. of Puducherry under NWMP program.4. Monitoring of air / water quality on festival occasion such as Deepavali, Bhogi and Vinayagar Chaturthi (Ganesh festival)

9	Fostering Clean and Green Puducherry	Creating environment awareness among students and society.	<ol style="list-style-type: none"> 1. Motivating citizens to keep their surroundings green and clean 2. Raising public awareness on solid waste source segregation, composting of organic waste and proper waste disposal practices. 3. Tree Plantation campaigns and distribution of saplings. 4. Sensitizing the public about minimizing usage of plastics 5. Distribution of cloth bags to promote alternates to single use plastics. 6. Creating awareness during celebration of festivals like Vinayagar Chathurthi, Diwali, Bhogi, etc. in environmentally friendly manner. 7. Celebration of important days of environment significance viz. World Environment Day, Environment Month, International Ozone Day, International Coastal Cleanup Day, etc. 8. Climate Change Awareness Programs for school students. 9. Dissemination of Environmental Information under ENVIS program.
10	Promoting Sustainable Development Principles in the Union Territory	Ensuring Sustainable Development Principles in regulatory clearances	<ol style="list-style-type: none"> 1. Stipulation of conditions for Better Environment Management like installation of alternate energy sources, energy and water conservation, rain water harvesting, resource recovery and reuse, green waste management within campus, etc in the Consent / Clearance issued to industries / commercial establishment and monitoring and enforcement by inspections. 2. Publishing the best environmental practices by industries.
11		Developing and implementing State Action Plan on Climate Change	<ol style="list-style-type: none"> 1. Preparation of U.T. of Puducherry Action Plan on Climate Change and monitoring and evaluation of its implementation. 2. Facilitating government departments in availing climate finance for various adaptation and mitigation projects. 3. Establishment of Puducherry Climate Change cell to lead the climate change initiatives in the U.T. and function as knowledge repository on Climate Change information.