



सत्यमेव जयते

GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE

**"Establishing the State Climate Change Cell at the
Department of Science, Technology & Environment in the
U.T. of Puducherry under NMSKCC"
(DST,Gol Supported Project)**

**Technical Progress Report
October 2021**



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INTRODUCTION

National actions on climate change are planned under eight national missions, of which the National Mission on Strategic Knowledge for Climate Change is one. Knowledge component of this mission will focus on strengthening and creating knowledge systems and their elements (e.g., people, scientific understanding, research infrastructure, etc) while the strategic component will address the need for selection of informed actions for supporting long-term goals of the country with regard to sustainable development in this context.

The National Mission on Strategic Knowledge for Climate Change recognizes

- a) The importance of measurements and quantification of various elements of climate change,
- b) The dynamic and changing nature of knowledge and technology, and
- c) The importance of the ability to seize opportunities related to new and emerging technologies.

It will identify the challenges of and the responses to climate change and assessment of risk based on available knowledge. It will augment the knowledge-base in areas such as region-specific climate modeling, India-specific emission factors, adaptation or vulnerability indicators and metrics, ecosystem service indicators, energy-economic models, carbon footprints and impact assessment in specific sectors. This mission would ensure core funding for high quality and focused research on various aspects of climate change in India.

Puducherry Climate Change Cell (PCCC) was established in September 2016, with the financial support of Department of Science and Technology (DST), Government of India under National Mission for Strategic Knowledge on Climate Change (NMSKCC). The Cell is functioning under the Puducherry Pollution Control Committee (PPCC) an autonomous body in the Department of Science, Technology and Environment (DST&E), Government of Puducherry with the sanctioned staff strength of one Research Associate, four Junior Research Fellows and two Project Assistants.

The Cell is functioning as the Nodal Agency for all Climate Change related activities in the U.T. of Puducherry viz. preparation, implementation, monitoring and evaluation of SAPCC, organizing awareness and capacity building programs, creation of climate change knowledge repository, networking with knowledge partners and other stakeholders, publishing research papers and reports on climate change related topics.

NATIONAL ACTION PLAN ON CLIMATE CHANGE (NAPCC)

National Action Plan on Climate Change emphasizes the overriding priority of maintaining high economic growth rates to raise the living standards. The NAPCC aligns the measures to promote development objectives with co-benefits for addressing climate change effectively. It also advocates strategies that promote, firstly, the adaptation to Climate Change and secondly, further enhancement of the ecological sustainability of India's development measures. India's National Action Plan on Climate Change emphasizes on promoting inclusive and sustainable development strategy sensitive towards climate change so as to protect the poor and vulnerable section of the society. Eight National Missions form the core of the National Action Plan representing multi-pronged, long term and integrated strategies for achieving key goals in the context of climate change. The focus is to promote understanding of Climate Change, framing adaptation and mitigation strategy and promoting energy efficiency and natural resource conservation. While many of these programmes are already a part of the current actions, the Action Plan seeks to enhance them in scope and effectiveness and implement them in an accelerated manner through time bound plans.

The National Action Plan on Climate Change (NAPCC) is a policy document prepared by the Prime Minister's Council on Climate Change. It has been prepared keeping in mind that India's economic need to tap its natural resources needs to be tempered with the need to maintain ecological balance.

The NAPCC is guided by the principles of -

- Protection - of the poor and vulnerable sections of society through what is termed as an inclusive development strategy
- Achieving national growth - through a qualitative change and economic direction that enhances ecological sustainability,

- Demand side management,
- Better technology - that looks into aspects of mitigation or adaptation,
- Market mechanism - that rewards sustainable development,
- Inclusivity- that invites linkups with civil society and local government institutions

It was found necessary to establish eight national missions which not only espouse to these principles but will form the core of the overall national mission. These missions are:

- **National Solar Mission:**

To increase the share of solar energy (a renewable source of energy) in the total energy mix.

- **National Mission for Enhanced Energy Efficiency:**

To boost the efforts taken up under Energy Conservation Act, 2001 for energy saving through efficient use by incentivizing the industries and innovations in energy efficiency area.

- **National Mission on Sustainable Habitat:**

To make habitat sustainable through improvements in energy efficiency in buildings, management of solid waste and modal shift to public transport.

- **National Water Mission:**

To ensure integrated water resource management helping to conserve water, minimize wastage and ensure more equitable distribution both across and within states.

- **National Mission for Sustaining the Himalayan Ecosystem:**

To evolve the management measures for sustaining and safeguarding the Himalayan glaciers and mountain ecosystem.

- **National Mission for a Green India:**

To enhance ecosystem services including to carbon sinks to be called Green India.

- **National Mission for Sustainable Agriculture:**

To devise strategies to make Indian agriculture more resilient to climate change.

- **National Mission on Strategic Knowledge for Climate Change:**

To collaborate national efforts with the International Research and Technological development.

In order to make India more responsive to Climate change, Central Government is planning to add four new 'mission' to the National Action Plan on Climate Change (NAPCC). These four missions are related to wind power, coastal resources, waste to energy conversion and impact of climate change on human health.

The brief details of the new missions are as follows:

- **Wind Mission:**

It is modelled on the National Solar Mission and also seeks to increase share in renewable energy in India's energy mix. The Wind Mission is likely to be given an initial target of producing about 50000 - 60000 MW of power by the year 2022. There is about 22000 MW of installed capacity of wind energy in the country. Ministry of New and Renewable Energy will look after the implementation of this mission.

- **Mission on Impact of climate change on human health:**

To carry out a comprehensive assessment of the effects of climate change on human health in different regions of the country and build the capacities to respond to these and also to health emergencies arising out of natural disasters. Ministry of Health is the working agency for this mission.

- **Mission on India's Coastal Areas:**

To prepare an integrated coastal resource management plan to map vulnerabilities along the entire coastline (7200 km long). Ministry of Environment and Forest will look after this mission.

- **Mission on Waste to Energy:** To incentivize efforts towards harnessing energy from all kinds of waste, so as to reduce India's dependence on oil, coal and gas for power production and in turn ensure energy security.

NATIONAL MISSION ON STRATEGIC KNOWLEDGE FOR CLIMATE CHANGE (NMSKCC):

Anthropogenic climate change has been studied worldwide based on Global general Circulation Models (GCM) under various greenhouse gas emission scenarios, whereas GCMs are employed with some success in assessing likely global consequences of climate change, it is essential that efforts are made to enhance spatial resolution of such consequent analysis.

The consequences of climate change on the social systems are expected to vary in different regions of the world on account of several regional and other local factors. Therefore, different modeling studies, adaptation strategies and technology systems would be required in differing geographical and social contexts. Further, there are many uncertainties in disaggregating the effects of global warming on different agro climatic regions due to still inadequate scientific understanding of the processes involved in the climate change. This would require developing a strong capability in basic and applied research in climate science by strengthening observational and modeling tools and systems.

India is too large a country to adopt strategies based on global averages of climate change. The current levels of uncertainties associated with likely consequences of climate change in various regions of the country are significant and do not enable the development of strategic action plans for different regions within the country.

There are a number of constraints that limit at present the ability of the national knowledge system to deliver the required and expected outcomes for effective response. These may be summarized as follows:

- Knowledge gaps in key underlying scientific areas
- Insufficient observational and scientific information data base

- Inadequate knowledge on the impacts of climate change in different sectors of economy e.g., Agriculture, natural ecosystem, health, biodiversity, coastal zones, etc.
- Fragmented knowledge base in terms of people, institutions and capabilities
- Poor connectivity between and within knowledge generating communities and user communities at various levels
- Lack of a systemic institutional mechanism for collating, synthesizing and delivering knowledge products for decision-making
- Absence of a strong and vibrant global technology watch system
- A knowledge system to relate technology choices with time evolved climate responses
- Absence of a knowledge system to develop various scenario for disaggregated impact assessment and
- Absence of a knowledge system to make risk-minimized selection of technology choices for meeting the developmental goals

Addressing these constraints through strategic actions that include the development of appropriate institutional and human resource capacity for this purpose will form the main goal of the National Mission on Strategic Knowledge for Climate Change.

Accordingly, the following objectives have been identified for the Mission:

- I. Formation of knowledge networks among the existing knowledge institutions engaged in research and development relating to climate science and facilitate data sharing and exchange through a suitable policy framework and institutional support.

- II. Establishment of global technology watch groups with institutional capacities to carry out research on risk minimized technology selection for developmental choices.
- III. Development of national capacity for modeling the regional impact of climate change on different ecological zones within the country for different seasons and living standards
- IV. Establishing research networks and encouraging research in the areas of climate change impacts on important socio-economic sectors like agriculture, health, natural ecosystem, bio-diversity, coastal zones, etc.
- V. Generation and development of the conceptual and knowledge basis for defining sustainability of development pathways in the light of responsible climate change related actions.
- VI. Providing an improved understanding and awareness of the key climate processes and the resultant climate risks and associated consequences.
- VII. Complementing the efforts under the other national missions, strengthen indigenous capacity for the development of appropriate technologies for responding to climate change through adaptation and mitigation and promote their utilization by the Government and societies for sustainable growth of economies.
- VIII. Creating institutional capacity for research infrastructure including access to relevant data sets, computing and communication

facilities and awareness to improve the quality and sector specific scenarios of climate change over the Indian subcontinent.

- IX. Ensuring the flow and generation of human resources through a variety of measures including incentives to attract young scientists to climate science
- X. Building alliances and partnerships through global collaboration in research & technology development on climate change under International and bilateral S&T cooperation arrangements.

State CC Centres/Cells have been established in 11 non-Himalayan States and Union Territories including Punjab, Madhya Pradesh, Haryana, Chattisgarh, Odisha, Telengana, Maharashtra, Karnataka, Kerala, Tamilnadu and Puducherry. The mandate of these cells is to conduct vulnerability and risk analysis of important ecosystems at district or sub district levels, institutional capacity building, and training programmes for stakeholders and awareness activities for the communities.

This report highlights the details of Puducherry Climate Change Cell established under NMSKCC.

PUDUCHERRY CLIMATE CHANGE CELL:

ABOUT PUDUCHERRY

The Union Territory of Puducherry, formed out of erstwhile French colonies of India consists of two districts, viz., Puducherry and Karaikal. Puducherry district comprises Puducherry, Mahe and Yanam regions and Karaikal district comprises of Karaikal region of southern India.

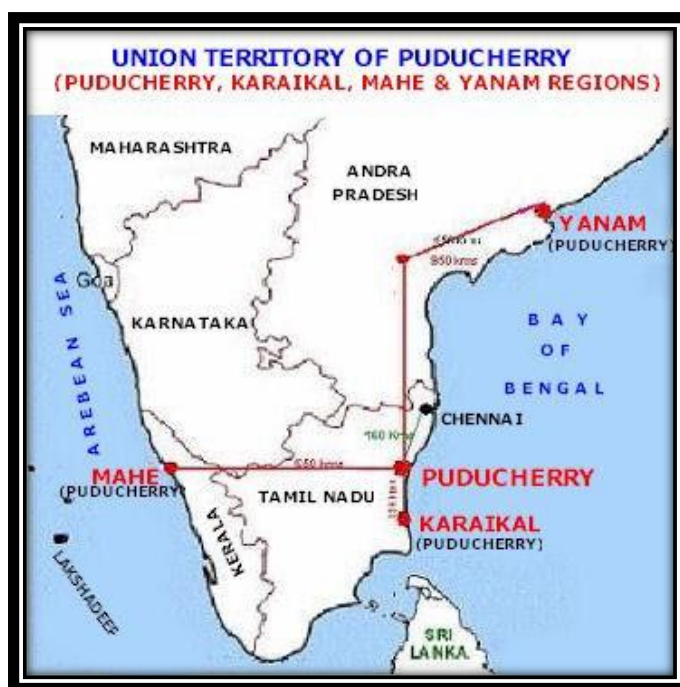


Figure 1: Location Map of U.T. of Puducherry

Puducherry region lies along the east-coast of southern India bounded by the state of Tamil Nadu and consists of 12 scattered areas lying in between $11^{\circ}42'$ to $12^{\circ}30'$ N and $76^{\circ}36'$ to $79^{\circ}53'$ E. Karaikal region is a coastal enclave located at a distance of about 135 kms south of Puducherry region, in the state of Tamil Nadu. It lies between $10^{\circ}49'$ to $11^{\circ}01'$ N, and $79^{\circ}43'$ to $79^{\circ}52'$ E in the tail end of Cauvery River delta basin, covering an area of 157 sq.km. Yanam is a coastal enclave located at distance of about 800 km north east of Puducherry region, in the state of Andhra Pradesh. It lies between $16^{\circ}42'$ to $16^{\circ}46'$ N and $82^{\circ}11'$ to $82^{\circ}19'$ E, covering an area of 30 sq.km. Mahe is a small coastal enclave located at a distance of about 650 km south west of Puducherry region, in the state of Kerala. It lies between $11^{\circ}42'$ to $11^{\circ}43'$ N and $75^{\circ}31'$ to $75^{\circ}33'$ E, and occupies a small land area of 9 sq.km.

The sea side town of Puducherry located in Puducherry region is the capital of the Union Territory.

Puducherry, is the most famous symbol of French heritage and rule in India. Puducherry and Karaikal regions became a French Colony in 1674. Mahe came under French regime in 1721 and Yanam in 1731. The French held control of all these regions until Puducherry, Karaikal, Mahe, and Yanam were merged with Indian Union de facto on November 1, 1954 and Union Territory of Puducherry was constituted. Union Territory of Puducherry was treated as one district i.e., Puducherry district for administrative purpose till May 2005. Later in June 2005, Karaikal region of the Union Territory of Puducherry was created as a new district.

All the four regions of the Puducherry Union Territory are coastal flat plains and water adjacent lands. Mahe is bounded by a stretch of calcareous hills on the east while there are no hills in the other regions. In terms of the Climate Change, the coastlines of Puducherry is distinctly vulnerable to rising sea levels and intensifying tropical cyclones and in its recent past witnessed increased incidence of natural hazards resulting in extensive economic and losses of life.

An analysis of temperature and rainfall for the past 4 decades reveal significant temperature rise and an increase in the number of rainfall days in the U.T. of Puducherry. Also, climate modelling for future scenarios projects an increase in annual and seasonal maximum – minimum temperatures and an increase in hot and very hot days for both RCP 4.5 And RCP 8.5 scenarios over the period 2021 – 2050.

PUDUCHERRY CLIMATE CHANGE CELL

To strengthen the capacity of the Union Territory to address the vulnerability and risks posed by Climate Change, the Puducherry Climate Change Cell (PCCC) was established in September 2016, with the financial support of Department of Science and Technology (DST), Government of India under National Mission for Strategic Knowledge on Climate Change

(NMSKCC). The Cell is functioning under the Puducherry Pollution Control Committee (PPCC) an autonomous body in the Department of Science, Technology and Environment (DST&E), Government of Puducherry with the sanctioned staff strength of one Research Associate, four Junior Research Fellows and two Project Assistants.

PCCC plays a pivotal role in preparing and implementing the State Action Plan for Climate Change (SAPCC) in the U.T. of Puducherry and facilitating the line departments in mobilizing climate funds from wide variety of sources for implementation of various mitigation and adaptation measures. Besides, the Cell plays a key role in integrating the scattered knowledge base on climate change in the U.T. and making it available in one platform for disseminating to all stakeholders. Capacity Building and knowledge dissemination on Climate Change at the Individual, Institutional and Systemic level is another important activity of the Cell.

Individual level	Institutional level	Systemic level
• Climate Change education for School students • Climate Change awareness program for General Public • Training Program on Waste Management, Water Conservation • Climate resilient Agriculture practices, Solar energy to concerned stakeholders • Awareness through mass media, pamphlets, etc.	• Training / Workshops / Webinars on main streaming Climate Change, Project formulation, Funding Mechanisms, etc. for Government Departments and Agencies • Strengthening capacity of PPCC for collecting baseline data on Air and Water Quality & Weather conditions • Network of Knowledge Institutions and Developing Knowledge Products • Web based Knowledge Portal	• Preparation of Revised SAPCC • Monitoring and Evaluation framework for SAPCC implementation • Other Policy interventions and revisions • Formulation and Implementation of Climate Change Mitigation and Adaptation projects

OBJECTIVES OF THE PROJECT

- a.** To establish Climate Change – Knowledge Management Cell with advanced research capabilities to take up Climate Change issues.
- b.** To build a knowledge repository for Climate Change information which will involve all Government Departments, academic institutions and NGOs, etc.,
- c.** To develop a Climate Change Knowledge Portal for assisting decision-makers in framing appropriate policy interventions in the activities of various Government Departments.
- d.** To establish a network with various stakeholders within the State.
- e.** To develop benchmark/assessment relevant for all adaptation and mitigation sectors.
- f.** Capacity building training programmes and awareness for all concerned Departments and stakeholders to handle issues related to Climate Change.
- g.** Assessment of risk and vulnerability due to climate change in the state through academic institutions in accordance with the MoEF&CC developed project methodology.
- h.** To monitor and assess the environment quality of air and water with meteorological parameters.
- i.** To establish baseline data for future reference and long-range planning so as to formulate preventive and control measures for abatement of pollution.

RESULTS ACHIEVED SO FAR (IN RELATION TO ATTAINMENT OF OBJECTIVES)

a. To establish Climate Change – Knowledge Management Cell with advanced research capabilities to take up Climate Change issues.

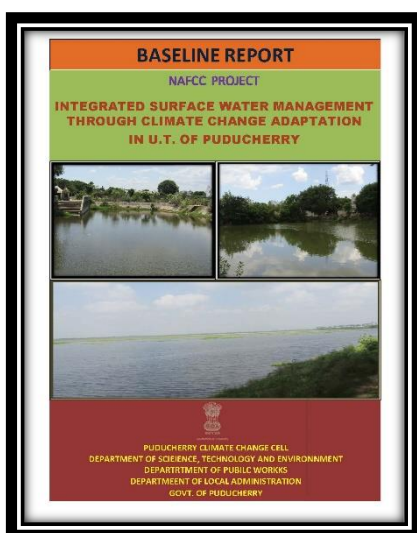
The Cell has conducted several studies on Climate Change related topics pertaining to Puducherry and has published the following Research Papers and Reports:

- i) Case study of GHG reduction and sustainable solutions in a Chemical Industry with reference to the climate change action plan of the Puducherry region, India, Dwarakanath Madahva Rao, et al., Journal of Applied Science and Engineering Methodology, 2016.
(<http://www.jasem.in/2016/23406411.pdf>)
- ii) Sector-wise GHG Inventorization for Union Territory of Puducherry with Special Reference to Agriculture – Phase I, Rao D.M, et al., International Journal of Tropical Agriculture, 2016.
(https://www.serialsjournals.com/abstract/82959_37.pdf).
- iii) A Review on Studies performed to Assess the Impact of Climate Change and Anthropogenic Activities on the Coastal Ecosystem at Puducherry, India, Smitha. R, et al., International Knowledge Press, 2019.
(<http://www.ikpress.org/index.php/JOGEE/article/view/4953>)
- iv) “Trend Analysis of Air Quality in Puducherry Region in the South Eastern Coast of India” is submitted and is under review for publication in the Journal of Environmental Sciences, NEERI.
- v) Research paper titled “Heat Wave analysis for the region of Puducherry and Karaikal in the U.T. of Puducherry” is submitted and is under review in the journal “Mausam”. The heat waves trends in the U.T. of Puducherry

in the last two decades (2000-2020) have been analyzed in accordance with the heat wave criteria of the Indian Meteorological Department.

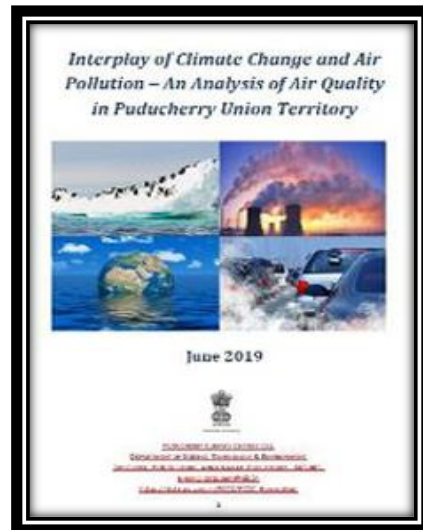
Following books / monographs / reports have been published by the PCCC:

- i) Comprehensive Green Protocol for the Educational Institutions, Industries, Residences and Other Organizations of the Union Territory of Puducherry, 2018.
- ii) Success Story Booklet on Puducherry Beach Restoration Project (e-brochure) was prepared and submitted to DST, GoI as decided in 3rd EC meeting of DST, 2018.
- iii) Climate Change awareness pamphlet for distribution to school students, 2018.



- iv) Report on Baseline Survey Report for 25 irrigation tanks and 32 village ponds in Puducherry region of U.T. of Puducherry, 2019.

v) Report on Interplay of Climate Change and Air Pollution – An Analysis of Air Quality in Puducherry Union Territory, 2019.

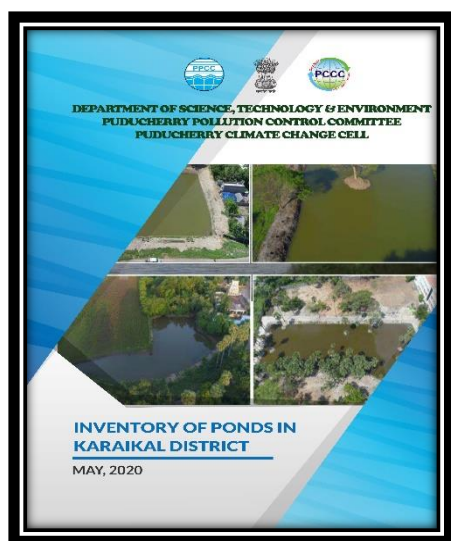


vi) Report on Trend Analysis of Air Quality in Puducherry Coastal Town (2010-2019), 2020.



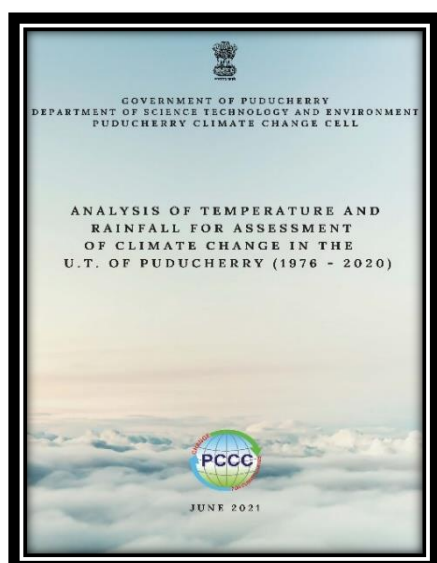
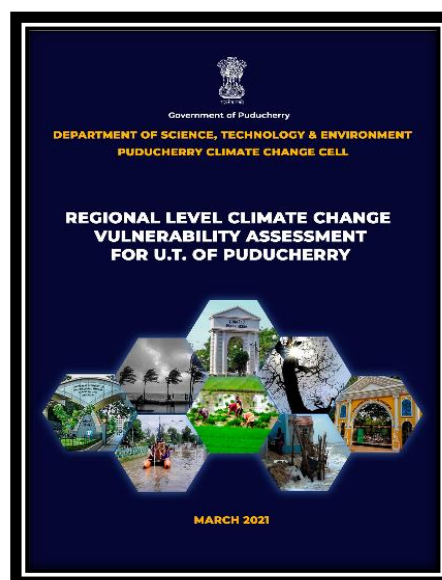
vii) Report on Inventory of Tanks and Ponds in Puducherry District, 2020.





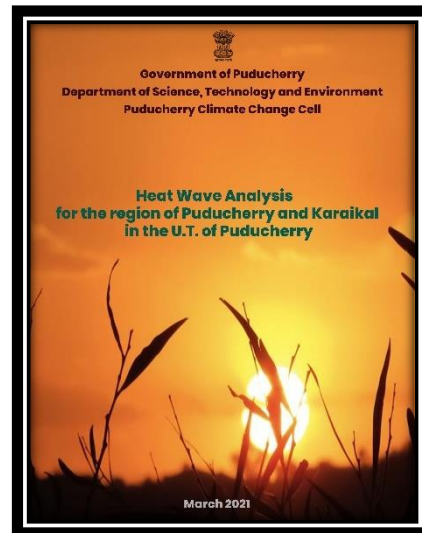
viii) Report on Inventory of Ponds in Karaikal District, 2020.

ix) Report on Regional Level Climate Change Vulnerability Assessment for U.T. of Puducherry, 2021.



x) Report on Analysis of Temperature and Rainfall for the Assessment of Climate Change in the U.T. of Puducherry (1976-2020), 2021.

xi) Report on Heat Wave Analysis for region of Puducherry and Karaikal in the U.T. of Puducherry (2000 – 2020), 2021.



PREPARATION OF REVISED STATE ACTION PLAN FOR CLIMATE CHANGE:

PCCC is in the process of revising this SAPCC in line with recent developments like Nationally Determined Contributions (NDCs) and Sustainable Development Goals (SDGs) and taking into account recent scientific assessments and projections on global warming, vulnerability and impacts. UN Environment India, New Delhi has been engaged as a technical partner and The Energy and Resources Institute (TERI), New Delhi has been engaged as a technical consultant for preparing the report.

Inception Workshop was conducted on 06.01.2020 by PCCC, along with TERI and UNEP. Nodal agencies were identified and nomination of nodal officers were completed. Team members of TERI and staff of PCCC met the head and nodal officers of key line departments to get their inputs for the revision of SAPCC.



Fig 02: Inception Workshop for Revision of Puducherry State Action Plan on Climate Change

Around 29 key departments and agencies have been identified and several rounds of consultations were conducted with them through virtual mode during this year to identify the sectoral vulnerabilities and interventions required. First draft report was prepared based on the said consultations.

A review meeting on revision of SAPCC was organized through virtual mode under the Chairmanship of the Adviser to Her Excellency Lieutenant Governor of Puducherry on 25.03.2021 with the nodal agencies UNEP and TERI. The first draft of revised SAPCC document submitted by the consultant was thoroughly discussed and advised to further improve the document with a list

of mitigation and adaptation projects that could be taken up during the next ten years. Revised draft is under preparation.

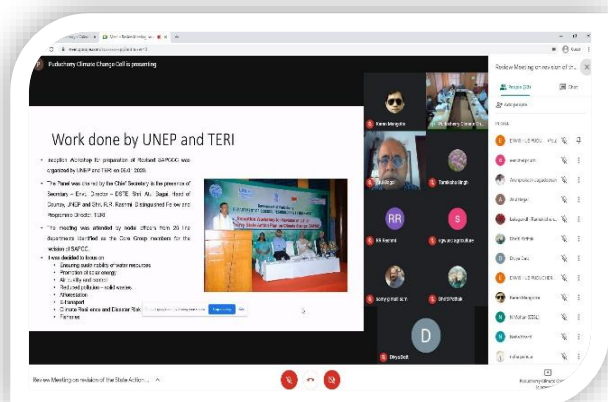


Fig. 03. UNEP and TERI members participating in the virtual meeting on the review of revision of SAPCC

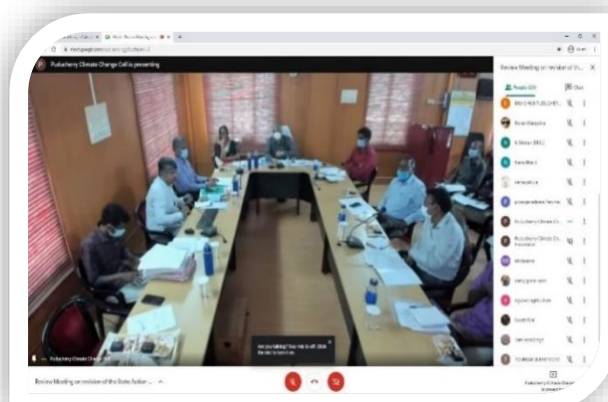


Fig. 04. Virtual meeting on the review of revision of SAPCC under the Chairmanship of the Adviser to Her Excellency Lieutenant Governor of Puducherry

TERI team visited Puducherry for interacting with the line Departments/ Autonomous bodies and collected data required for SAPCC 2.0 from 20.09.2021 to 24.09.2021.



Fig. 05. Consultation meeting with TERI Officials on the revision of SAPCC



Fig. 06. Consultation meeting with the line Departments for collecting data

NATIONAL ADAPTATION FUND FOR CLIMATE CHANGE:

PCCC is coordinating the preparation of the revised SAPCC for Government of Puducherry and this project is presently under progress and expected to be completed this year.

Further, PCCC is also co-ordinating the project entitled "Integrated Surface Water Management through rejuvenation of Tanks and Ponds for Climate Change Adaptation in U.T. of Puducherry" implemented under climate fund – NAFCC. This project was formulated by DSTE, Puducherry to undertake an integrated surface water management strategy to meet out the future water demand of Puducherry and Karaikal regions. MoEF&CC has sanctioned Rs. 16.76 Crores for this project under the National Adaptation Fund for Climate Change (NAFCC) on 30.03.2016 and released Rs. 9.33 Crores so far through NABARD. 39 numbers of Irrigation Tanks and 39 numbers of ponds are taken up for rejuvenation under the project in Puducherry region and 147 ponds are taken up for rejuvenation in Karaikal region. Also, one Mini Lake at Padutharkollai Village in Karaikal will be constructed under the project.

Periodic review meetings and field visits are organized to monitor the progress of the project.



Fig. 07. Inspection by Secretary (S, T & E) on the progress of Inlet Repair in Abishegapakkam Tank



Fig. 08. Inspection by Secretary (S, T & E) on the progress of project works in Korkkadu Tank

Under NAFCC project, Training Workshop on Climate Change Strategies and Finance Mechanisms has been conducted on 30.11.2018 at Holidays Farms & Resorts, Akkaraivattam, Karaikal to rejuvenate the ponds in Karaikal.



Fig. 09. Training Workshop on Climate Change Strategies and Finance Mechanisms

Under NAFCC project, Capacity Building Programme titled "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" Micro Vulnerability Assessment with Micro Planning and Awareness Programme on conservation of surface water bodies has been conducted.



Fig. 10. Process on Micro Vulnerability Assessment with Micro Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project

- b. To build a knowledge repository for Climate Change information which will involve all Government Departments, academic institutions and NGOs etc.

PCCC has developed a web-based knowledge repository on climate change for integrating the scattered knowledge base on climate change in the U.T. of Puducherry and making it available in one platform for effective dissemination to all stakeholders. Various types of data sets like important environmental statistics of the region, climate trend analytics, vulnerability analysis, GHG Inventory, SAPCC related information, weather monitoring desk, climate change projects and programs undertaken, reports and research papers published at regional, national and international level, current news and policies related to climate change have been made available in this website: <https://dste.py.gov.in/PCCC/>.

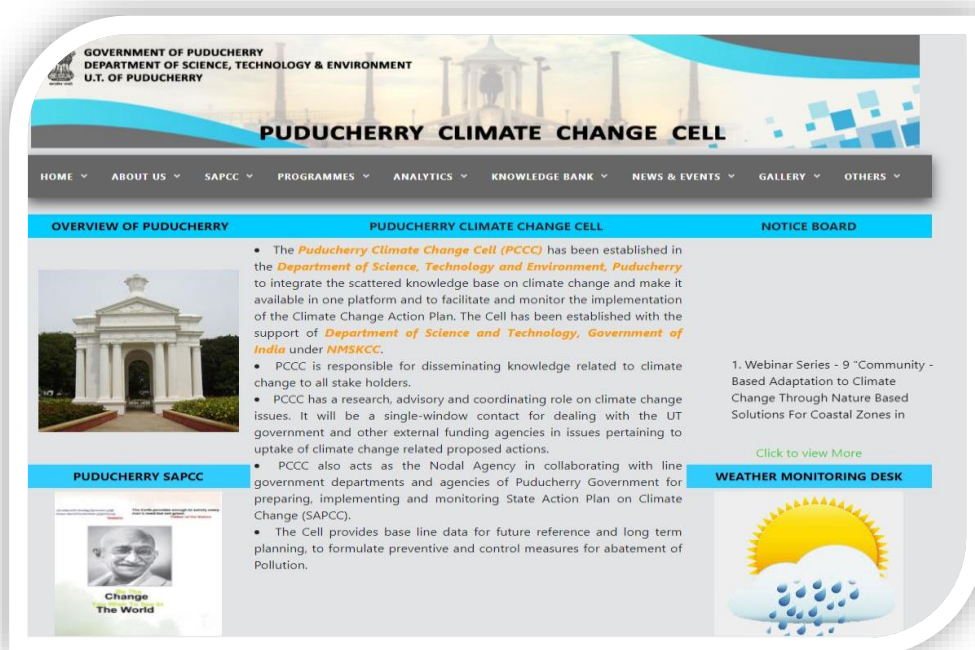


Fig. 11: Dedicated Puducherry Climate Change Cell Website

- c. To develop a Climate Change Knowledge Portal for assisting decision-makers in framing appropriate policy interventions in the activities of various Government Departments.

The Climate Change Knowledge Portal developed by PCCC mentioned in above para (<https://dste.py.gov.in/PCCC/>) contains large number of datasets pertaining to long term climate trends, daily weather, environmental statistics, policies, guidelines, reports, publications and research papers. Wide range of data from regional to international level are collected from various sources, collated and made available in the web portal to the decision makers for framing appropriate policy interventions and climate actions.

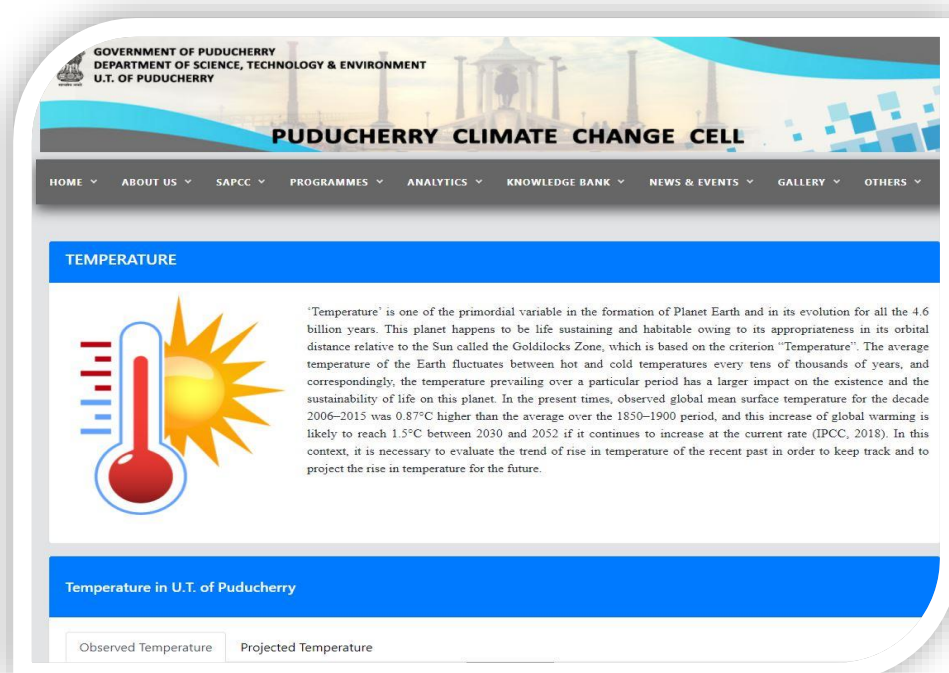


Fig. 12: Analytics tab in Puducherry Climate Change Cell Website

d. To establish a network with various stakeholders within the State.

- i) PCCC works in close association with the following institutions and knowledge partners in Puducherry, Chennai and other parts of the country on various projects and programs related to climate change:
- Pondicherry University, Puducherry
 - Pondicherry Technological University, Puducherry
 - National Institute of Ocean Technology (NIOT), Chennai
 - National Centre for Sustainable Coastal Management (NCSCM), Chennai
 - NABCONS, Chennai
 - UNEP India, New Delhi
 - TERI, New Delhi
 - CTRAN Consulting, Bhubaneswar
 - DHAN Foundation

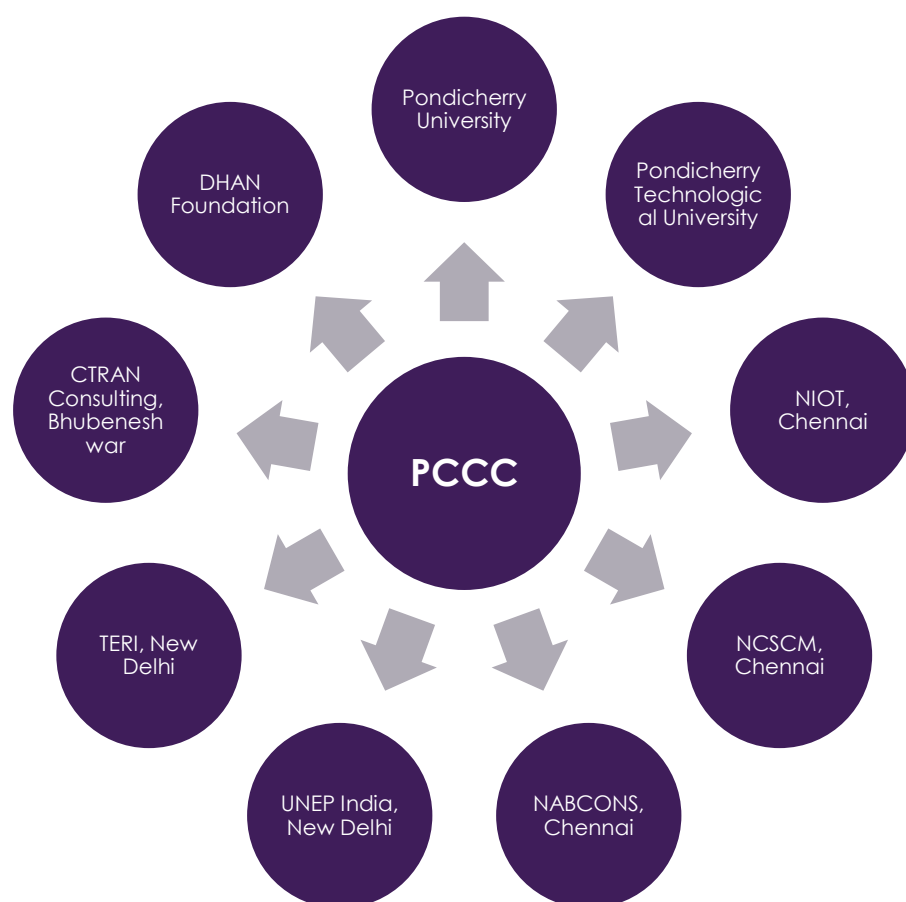


Fig. 13: PCCC network with various stakeholders

- ii) PCCC has formed a core group of 25 key government departments and autonomous bodies involved in the climate change adaptation and mitigation strategies and closely works with them in preparation and implementation of SAPCC.
- iii) Further, PCCC works in close association with NGOs, Civil Societies and Tank User Associations on climate change adaptation programs and awareness programs.

e. To develop benchmark/assessment relevant for all adaptation and mitigation sectors.

- i) Booklet titled “Comprehensive Green Protocol for the Educational Institutions, Industries, Residences and Other Organizations of the Union Territory of Puducherry” was published and circulated widely to all the stakeholders. The booklet embodies a set of Green Protocols condensed from the knowledge shared among a consortium of experts from Pondicherry University, Department of Science, Technology and Environment, Puducherry Pollution Control Committee and the Association for Promoting Sustainability in Campuses and Communities (APSCC). The book suggests effective strategies for achieving sustainability in buildings and campuses for climate change adaptation and mitigation.

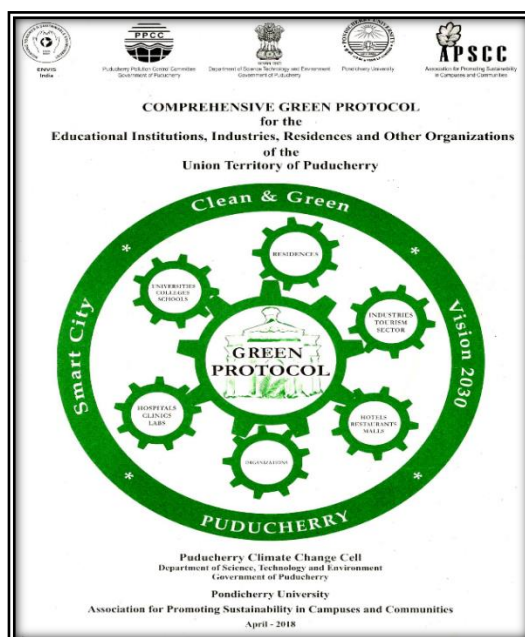


Fig. 14: Comprehensive Green Protocol for the Educational Institutions, Industries, Residences and Other Organizations of the Union Territory of Puducherry

- ii) A report on "Setting up of Energy Bench Mark for all government buildings/ institutions" is in progress.

f. Capacity building training programmes and awareness for all concerned Departments and stakeholders to handle issues related to Climate Change.

- i) **Climate Change Awareness Programme (CCAP) for School Students** is being conducted to increase the climate literacy among student community. Till date, awareness programs have been organized in **128 schools** with the participation of **10,455 students and teachers**. Climate Change Awareness pamphlets, Climate Change related puzzles and "Comprehensive Green Protocol for the Educational Institutions, Industries, Residences, and other organizations of the Union Territory of Puducherry" booklet were distributed to students and teachers. Students were introduced to basic facts of Climate Change through and were motivated to practice the 'Green Good Deeds' for combating climate change. During the Covid 19 pandemic lockdown period the awareness programs were conducted through virtual mode covering wider audience.



Fig. 15: CCAP conducted in 128 Schools of U.T. of Puducherry

Two awareness programs were conducted for school students and general public through virtual mode:

- Awareness on Climate Change: Change for Climate Change
- Awareness on Smart Climate Practices: Green Good Deeds.

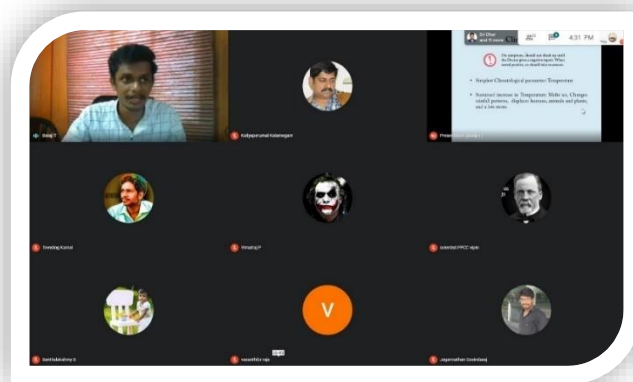
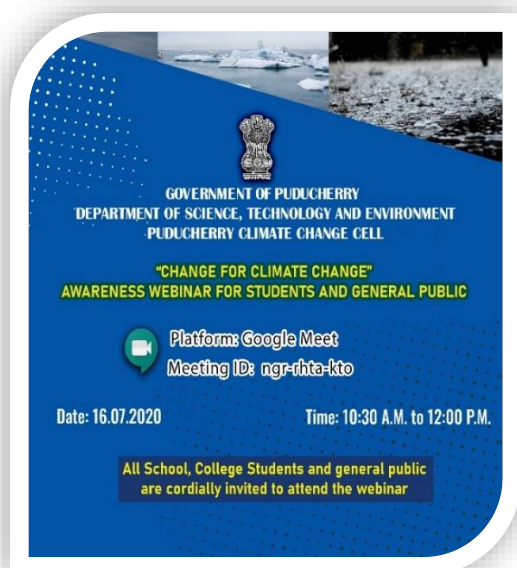


Fig. 16. Thiru. T. Balaji, JRF, PCCC presented 'Change for Climate Change' an Awareness Webinar on 16.07.2020 to school students and general public

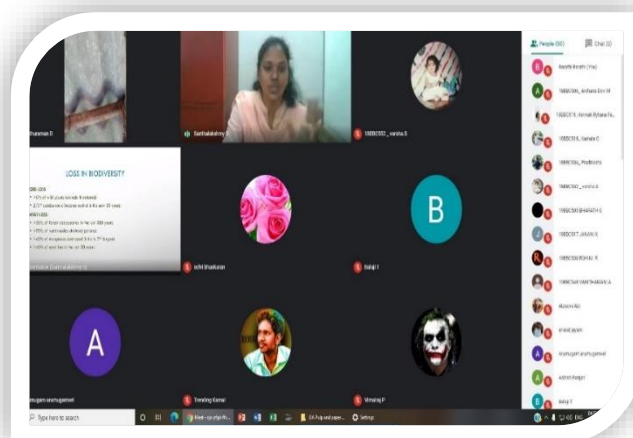


Fig.17. Tmt. S. Santhalakshmy, JRF, PCCC presented 'Green deeds and Habits for Sustainable Environment an Awareness Webinar on 22.07.2020 to school students and general public

- ii) Also, **104 Workshops, Training Programmes and Webinars** have been conducted in association with various agencies on climate change related topics which has benefited **4621 participants**.
- iii) During COVID Pandemic PCCC switched over to organising virtual training and awareness programs. **11 Webinars** were organised as a part of the **Climate Change Webinar Series** for various key stakeholders viz. Government officials, Academicians, Students, NGOs and General Public:
 - Mainstreaming Climate Change into Development Policies and Strategies
 - Implementation of INDCs: Advancing Mitigation and Adaptation Actions for Climate Change
 - Climate Change: Net Zero Emission Pathways
 - Water Mission: System to Monitor and Evaluate Performance and Socio-Economic Impacts of Water Resource Management Projects
 - Climate Modelling and Climate Change Projection for the U.T. of Puducherry
 - Climate Change Vulnerability Assessment for the U.T. of Puducherry
 - Climate Change and Biodiversity
 - CO₂ Sequestration and Climate Mitigation – An Industrial Orientation
 - Community - Based Adaptation to Climate Change through Nature based Solution for Coastal Zones in India
 - Earth Day: Restore our Earth
 - Climate Change Finance Mechanism

Subject experts from Pondicherry University, Puducherry Technological University, TERI and UNEP made the technical presentations on above titles in the webinar series.



Fig. 18: Posters of Climate Change Webinar Series

g. Assessment of risk and vulnerability due to climate change in the state through academic institutions in accordance with the MoEF&CC developed project methodology.

- i) District Level Climate Change Vulnerability Assessment Study was carried out for all the four regions of the Puducherry U.T. by adopting the Common Framework and Methodology developed by IISc, IIT – Guwahati and Mandi with support of DST, GoI and the study was published in the National level Report on “Climate Vulnerability Assessment for Adaptation Planning in India Using a Common Framework” brought out by DST, GoI.

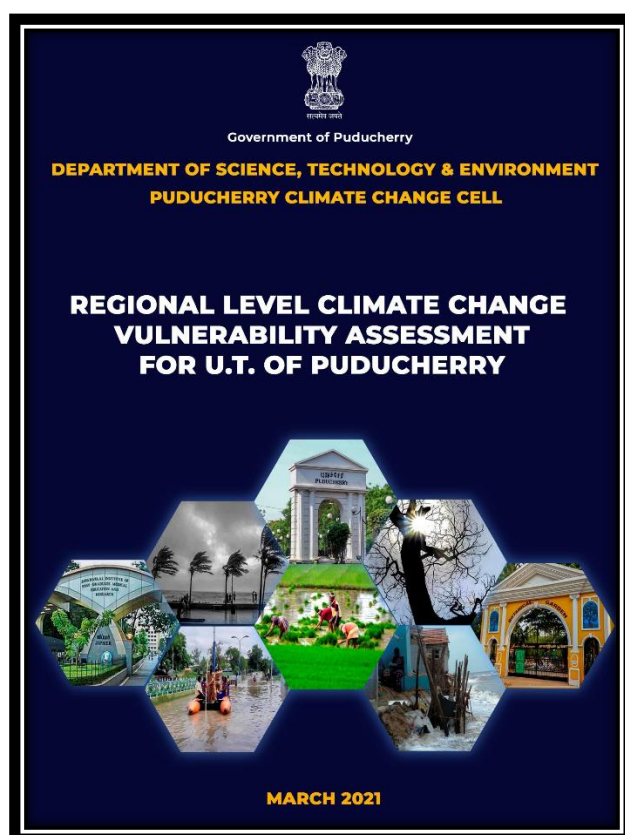


Fig. 19: Report on “Regional level Climate Change Vulnerability Assessment for U.T. of Puducherry

- ii) Sectoral Vulnerability Assessment study is being carried out as a part of the Revised SAPCC which is currently under progress.
- iii) Climate Change Risk Assessment study is proposed to be taken up in the current year.

h. To monitor and assess the environment quality of air and water with meteorological parameters.

- i) An Automated Weather Monitoring Station has been procured under the project and installed. Statistical analysis and graphs of the weather data are prepared and uploaded in the Weather Monitoring Desk of PCCC website every month for public information and use by various stakeholders.



Fig. 20: Continuous Weather Monitoring Station

- ii) Meteorological data of Puducherry and Karaikal region for the past 50 years has been procured under the project from India Meteorological Department (IMD), for creating a data base on meteorological information.
- iii) 8 Nos. of Respiratory Dust Samplers, 4 Nos. of PM 2.5 Samplers, 1 Water Purification have been procured under the project to strengthen the laboratory of Puducherry Pollution Control Committee for monitoring air and water quality of the Union Territory.

i. To establish baseline data for future reference and long-range planning so as to formulate preventive and control measures for abatement of pollution

The Temperature and Rainfall data for past 50 years has been studied and analysed for observed long term trends and anomalies and published on the climate change knowledge portal of PCCC.

- i) Study on Heat Wave Analysis was carried out for the U.T. of Puducherry for last two decades (2000-2019) in accordance with the heat wave criteria of the Indian Meteorological Department.
- ii) A comprehensive report on "Air Quality Trends in Puducherry Region" has been prepared analyzing the Air Quality in the region of Puducherry for 10 years period from 2010-2019. The assessment has been made both on short term and long-term basis, analyzing the daily, diurnal, weekly and monthly trends and the annual trends respectively.
- iii) A Review on "Studies performed to Assess the Impact of Climate Change and Anthropogenic Activities on the Coastal Ecosystem at Puducherry" was conducted and the research article was published in International Knowledge Press, 2019.
- iv) Inventory of all the water bodies (84 Irrigation Tanks and 840 Village Ponds) in Puducherry U.T. has been documented and published in the PCCC knowledge portal. Now, a comprehensive water resource information system is being developed for Puducherry U.T. in WebGIS.

QUANTITATIVE OUTCOME OF THE PROJECT

Quantified Outcome in terms of

a.	Research papers published	• Sector - wise GHG Inventorization for Union Territory of Puducherry with Special reference to Agriculture - Phase – I • Case Study of GHG Reduction and Sustainable Solutions in a Chemical Industry with reference to the Climate Change Action Plan of the Puducherry Region, India. • A Review on Studies Performed to Assess the Impact of Climate Change and Anthropogenic Activities on the Coastal Ecosystem at Puducherry, India • Trend Analysis of Air Quality in the region of Puducherry in the South Eastern Coast of India - (Under Review) • Heat Wave Analysis in the region of Puducherry and Karaikal in the U.T. of Puducherry - (Under Review)
b.	Reports / Monographs / Internal publications brought out	• Success Story Booklet on Puducherry Beach Restoration Project (E-brochure) was prepared and submitted to DST, Gol as decided in 3rd EC meeting of DST, 2018. • Climate Change awareness pamphlet for distribution to school students, 2018. • Comprehensive Green Protocol for the Educational Institutions, Industries, Residences and Other Organizations of the Union Territory of Puducherry, 2018. • Interplay of Climate Change and Air Pollution – An Analysis of Air Quality in Puducherry Union Territory, 2019. • Baseline Survey Report for 25 irrigation tanks and 32 village ponds in Puducherry region of U.T. of Puducherry, 2019. • Trend Analysis of Air Quality in Puducherry Coastal Town (2010-2019), 2020. • Inventory of Tanks and Ponds in Puducherry District, 2020 • Inventory of Ponds in Karaikal District, 2020 • Regional Level Climate Change Vulnerability Assessment for U.T. of Puducherry, 2021. • Heat Wave Analysis for region of Puducherry and Karaikal in the U.T. of Puducherry (2000 – 2020), 2021. • Analysis of Temperature and Rainfall for the Assessment of Climate Change in the U.T. of Puducherry (1976-2020), 2021.

c.	New techniques / models developed	Nil
d.	Patents filed / awarded, if any	Nil
e.	Details of workshop / conferences / seminars/ capacity building programmes organised	104 Workshops, Training Programmes and Webinar and 128 Climate Change Awareness Programme (CCAP) The details are Enclosed as Annexure – I and II respectively.
f.	Number of personnel trained	15076 Numbers. The details are Enclosed as Annexure – I & II.
g.	Number of post-graduate / doctoral candidates completed their courses	Nil
h.	Foreign deputation/visit of PI/Co-PIs/students, if any	Nil

List of Trainings / Workshops / Webinars etc. Conducted under NMSKCC

Sl. No	Date	Venue	Host Organization / Institute	Details of Program	Awareness Program / Training Program / Workshop	Level of Participation/ Stakeholders	Total No of participants
1	08.04.2017	AKSC&P Conference Hall, Puducherry	PPCC & PCCC	Lecture on Waste Management for Sustainable Habitat - Role of NGOs	Training Program	NGOs	30
2	15.04.2017	AKSC&P Conference Hall, Puducherry	PPCC & PCCC	Lecture on Waste Management for Sustainable Habitat - Role of Students	Training Program	Students	50
3	10.05.2017	Perunthalaivar Kamarajar Administrative Complex, Karaikal	PPCC, PCCC & NIELIT, Chennai	Lecture on E-Waste Management for Sustainable Habitat	Training Program	Teachers and Govt. Officials	70

4	26.07.2017	Kamban Kalai Arangam, Puducherry	PPCC & PCCC	Lecture on E-Waste Management for Sustainable Habitat	Training Program	General Public	60
5	11.08.2017	AKSC&P Conference Hall, Puducherry	PPCC, Avvai Village Welfare Society, MAIT, NASSCOM, CEAMA	Workshop on "Environmental Hazards of Electronic Waste" for College Principals at Puducherry City" under "A Programme under the Digital India Initiative" was organized by DSTE in association with Avvai Village Welfare Society, MAIT, NASSCOM, CEAMA	Workshop	College Principals	50
6	05.09.2018	Chinnapet, Thirubuvanai	PCCC & Mangalam Self Help Group	Climate Change Awareness Program	others	Self Help Group	55
7	15.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change issues.	Training Program	UG Students	19

8	17.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change issues.	Training Program	UG Students	19
9	18.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Impact of Climate Change.	Training Program	UG Students	19
10	24.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Adaptation.	Training Program	UG Students	19
11	25.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Mitigation.	Training Program	UG Students	19
12	27.09.2018	Science Centre and Planetarium,	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Desertification	Training Program	UG Students	19

		Lawspet, Puducherry					
13	15.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change issues.	Training Program	UG Students	19
14	17.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change issues.	Training Program	UG Students	19
15	18.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Impact of Climate Change.	Training Program	UG Students	19
16	24.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Adaptation.	Training Program	UG Students	19

17	25.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Mitigation.	Training Program	UG Students	19
18	27.09.2018	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Desertification	Training Program	UG Students	19
19	31.10.2018	Koonichempet, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project “Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry” - Orientation and inception workshop	Workshop	Tank association members and village peoples	6

20	01.11.2018	Vaadhanur, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	8
21	30.11.2018	The Holiday Beach Resort, Akaraivattam, Karaikal	DST&E, PCCC & NABARD	Climate Change Strategies and Finance Mechanism	Workshop	Govt. Official and other Stake holders of Karaikal	108
22	30.11.2018	Mannadipet,	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	8

23	17.12.2018	Embalam vannan eri, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	4
24	17.12.2018	Embalam vakran eri, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	2

25	18.12.2018	Karayamputhur, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	5
26	19.12.2018	Madagadipet, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	2

27	20.12.2018	Abishegapakkam, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	5
28	20.12.2018	Kuruvinatham, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	4
29	26.12.2018	Koonichempet, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through	Workshop	Tank association members and village peoples	15

				Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" – PRA & Micro vulnerability assessment			
30	26.12.2018	Mannadipett, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Micro planning	Workshop	Tank association members and village peoples	17
31	27.12.2018	Embalam vannaneri, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Workshop	Tank association members and village peoples	12

				- PRA & Micro vulnerability assessment			
32	27.12.2018	Abishegapakkam, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - PRA & Micro vulnerability assessment	Workshop	Tank association members and village peoples	11
33	28.12.2018	Karayamputhur, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - PRA & Micro vulnerability assessment	Workshop	Tank association members and village peoples	10

34	28.12.2018	Kuruvinatham, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Micro planning	Workshop	Tank association members and village peoples	17
35	29.12.2018	Katterikuppam, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - PRA & Micro vulnerability assessment	Workshop	Tank association members and village peoples	20
36	29.12.2018	Adingapet, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks	Workshop	Tank association members and village peoples	13

				and 32 village ponds for Climate Change Adaptation in Puducherry" - PRA & Micro vulnerability assessment			
37	10.01.2019 & 11.01.2019	kirumampakam , Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	9
38	21.01.2019 & 22.01.2019	Thirukanur, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Workshop	Tank association members and village peoples	11

				- Orientation and inception workshop			
39	23.01.2019	Ozhanthakeera paalayam, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	7
40	24.01.2019	Murungampakkam, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	8

41	26.01.2019	Seliamedu, Puducherry	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	5
42	28.01.2019	Manapattu	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	6
43	12.02.2019	Embalam	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through	Orientation Program	Tank association members and village peoples	4

				Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop			
44	14.02.2019	Embalam	PCCC & DHAN Foundation	Capacity Building Programme under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry" - Orientation and inception workshop	Workshop	Tank association members and village peoples	5

45	18.02.2019	Vadhanur	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	65
46	19.02.2019	Kudiyiruppu Palayam	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	50

47	19.02.2019	Adhingapattu	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	28
48	20.02.2019	Embalam	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	13
49	21.02.2019	Thirukkanur	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through	Orientation Program	Tank association members and village peoples	49

				Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"			
50	21.02.2019	Koonichampatt u	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	25
51	22.02.2019	Seliyamedu	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water	Orientation Program	Tank association members and village peoples	43

				management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"			
52	23.02.2019	Embalam (Vannan eri)	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	40
53	23.02.2019	Embalam (Vakkran eri)	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for	Orientation Program	Tank association members and village peoples	25

				Climate Change Adaptation in Puducherry"			
54	25.02.2019	Madhagadipattu	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	25
55	26.02.2019	Ulandhai	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for	Orientation Program	Tank association members and village peoples	43

				Climate Change Adaptation in Puducherry"			
56	27.02.2019	ThiruvandarKoil	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	17
57	28.02.2019	Karaiyamputhur	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	40

58	01.03.2019	Kuruvinatham	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	25
59	02.03.2019	Mannadipet	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	30
60	05.03.2019	Director Chamber, DST&E	DSTE	Climate Smart Governance	In house program	DSTE, PPCC Official and Project Staff	18

61	06.03.2019	Kirumampakkam	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	23
62	07.03.2019	Abishegapakkam	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	45

63	08.03.2019	Keezhparikalpet	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	24
64	09.03.2019	Keezhparikalpet	PCCC & DHAN Foundation	Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	7

65	09.03.2019	Katterikuppam	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	35
66	11.03.2019	Manapet	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	30

67	12.03.2019	Thondamanatham	PCCC & DHAN Foundation	Micro Level Vulnerability Assessment and Planning and Awareness Programme on conservation of surface water bodies through Mobile video under the NAFCC project "Integrated Surface water management through Rejuvenation of 25 tanks and 32 village ponds for Climate Change Adaptation in Puducherry"	Orientation Program	Tank association members and village peoples	65
68	13.08.2019	Madurai	PCCC and DHAN Foundation	Training on water resource management and tank based water conservation	Training Program	Farmers	45
69	14.08.2019	Kottampatti, Madurai	Puducherry Climate Change Cell and DHAN Foundation	Exposure visit to farmers producer organisation at Kottampatti, Madurai	Training Program	Farmers	45
70	14.08.2019	Madurai	Puducherry Climate Change Cell and	Training on governance and leadership of tank	Training Program	Farmers	45

			DHAN Foundation	users association and tradition tank maintenance			
71	14.08.2019	Singanapuri, Sivagangai	Puducherry Climate Change Cell and DHAN Foundation	Exposure visit to Tank User's Association and interaction with farmers on tank system management in Singanapuri, Sivagangai	Training Program	Farmers	45
72	22.03.2019	Director Chamber, DST&E	DSTE	Carbon Sequestration and Nitrogen Foot Print Assessment	In house program	DSTE, PPCC Official and Project Staff	20
73	14.09.2019	RAAK Engineering college	JCI Pondicherry	Event: Climate Action-Youth Conclave Invited talk on Climate Change – Mitigation and Adaptation	Seminar	Students and teachers	236
74	16.09.2019	Dr. Abdul Kalam Science Centre and Planetarium	DST&E, PPCC & PCCC	Ozone Day Event: Celebration of International Day for the Preservation of Ozone Layer Title of the Seminar: "32 Years and Healing	Seminar	Students, Faculties, Industrial workers and the general public.	120

75	17.09.2019	Krishi Vigyan Kendra, Puducherry	Krishi Vigyan Kendra, Puducherry	Lecture on Climate Change Impacts, Vulnerabilities and Preparedness	Seminar	Staffs of Krishi Vigyan Kendra, Puducherry and farmers	52
76	19.09.2019	Thamukkam Ground, Madurai.	DHAN Foundation & PCCC	Seminar on " Climate Change and its impact on Environment - Role of Tank Users Association and Empowering of women	Seminar	Farmers, tank users associations, women self-help group.	120
77	20.09.2019	T. Kallupatti, Madurai	Puducherry Climate Change Cell and DHAN Foundation	Exposure visit on tank systems and its management by community and practice on water demand management	Training Program	Farmers	36
78	16.12.2019	AKSC&P, Lawspet, Puducherry	PPCC, PCCC	Interaction Session on "Integrated Waste Management"	Training Program	Entrepreneurs, Corporates, Hotels, Hospitals, etc.	164
79	06.01.2020	The Sunway Manor, Puducherry	PCCC	Inception Workshop for Revision of Puducherry State Action Plan on Climate Change	Workshop	Officials from Line departments, NGO's etc	85

80	02.03.2020	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change issues	Training Program	UG Students	27
81	06.03.2020	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Impacts of Climate Change Adaptation.	Training Program	UG Students	27
82	10.03.2020	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Adaptation.	Training Program	UG Students	27
83	12.03.2020	Science Centre and Planetarium, Lawspet, Puducherry	PCCC, ENVIS Centre & PPCC	Green Skill Development Program – Climate Change Mitigation.	Training Program	UG Students	27
84	16.07.2020	DSTE	PCCC	Change for Climate Change	Webinar	School students and general public	43

85	22.07.2020	DSTE	PCCC	Green deeds and Habits for Sustainable Environment	Webinar	School students and general public	50
86	28.08.2020	DSTE	Puducherry Climate Change Cell	"Mainstreaming Climate Change into Development Policies and Strategies"	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	55
87	08.09.2020	DSTE	Puducherry Climate Change Cell	Implementation of INDCs: Advancing Mitigation and Adaptation Actions for Climate Change	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	63

88	16.09.2020	DSTE	PPCC, PCCC& ENVIS Hub, Puducherry	Ozone for Life - 35 Years of Ozone Layer Protection	Webinar	Polytechnic Students and general public	60
89	21.09.2020	DSTE	Puducherry Climate Change Cell & ENVIS Hub	Climate Change: Net Zero Emission Pathways	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	54
90	02.12.2020	DSTE	Puducherry Climate Change Cell	Trend analysis of Air Quality in Puducherry Coastal Town	Training	Staff of Department of Science, Technology and Environment, the staff of Puducherry Pollution Control Committee, Laboratory Wing and Puducherry Council for	40

						Science and Technology	
91	10.12.2020	DSTE	Puducherry Climate Change Cell	Water Mission: System to Monitor and Evaluate Performance and Socio-Economic Impacts of Water Resource Management Projects	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	74
92	06.01.2021	DSTE	Puducherry Climate Change Cell	Climate Modelling and Climate Change Projection for the U.T. of Puducherry	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	101

93	28.01.2021	DSTE	Puducherry Climate Change Cell	Climate Change Vulnerability Assessment for the U.T. of Puducherry	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	62
94	02.02.2021	DSTE	Puducherry Climate Change Cell	Biodiversity and Climate Change	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	50
95	12.02.2021	Science Centre and Planetarium, Lawspet, Puducherry	Puducherry Climate Change Cell, ENVIS Centre & PPCC	Air pollution and Climate Change	Training	Students	30

96	13.02.2021	Science Centre and Planetarium, Lawspet, Puducherry	Puducherry Climate Change Cell, ENVIS Centre & PPCC	Climate Change and its Impacts	Training	Students	30
97	16.02.2021	DSTE	Puducherry Climate Change Cell	CO ₂ Sequestration and Climate Mitigation – An Industrial Orientation	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	72
98	01.03.2021	Science Centre and Planetarium, Lawspet, Puducherry	Puducherry Climate Change Cell, ENVIS Centre & PPCC	Energy and Climate Change	Training	Students	30

99	09.03.2021	DSTE	Puducherry Climate Change Cell	Community - Based Adaptation to Climate Change through Nature based Solution for Coastal Zones in India	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	87
100	13.03.2021	Science Centre and Planetarium, Lawspet, Puducherry	Puducherry Climate Change Cell, ENVIS Centre & PPCC	Carbon Footprint Methodology	Training	Students	30
101	22.04.2021	DSTE	Puducherry Climate Change Cell	Earth Day – 2021 under the theme “Restore Our Earth”.	Webinar	Officials from Line departments, Climate Change Cell, Pollution Control Committee and other Department from other States & U.T.s, Academicians, Researchers,	158

						Students, NGO's, Civil Societies and Climate Change enthusiasts	
102	06.05.2021	DSTE	Puducherry Climate Change Cell	Webinar: Talk & Panel Discussion on "Understanding Ecosystem of Puducherry and their restoration Challenges" conducted on World Environment Day-2021	Webinar	Officials from Line departments, Climate Change Cell, Pollution Control Committee and other Department from other States & U.T.s, Academicians, Researchers, Students, NGO's, Civil Societies and Climate Change enthusiasts	455
103	16.09.2021	DSTE	Puducherry Pollution Control Committee , PCS&T, Puducherry Climate Change	Montreal Protocol – Keeping us, Our Food and Vaccines Cool	Webinar	Polytechnic Students and general public	257

			Cell & ENVIS Hub, Puducherry				
104	7.10.2021	DSTE	Puducherry Climate Change Cell	Climate Change Finance Mechanisms	Webinar	Officials from Line departments, Climate Change Cell and Pollution Control Committee from other States & U.T.s, Researchers, Academicians, NGO's etc	69

List of Climate Change Awareness Programmes (CCAP)

Sl. No.	Date	Venue	Host Organization	Level of Participation	No. of Male Participants	No. of Female Participants	No. of Participants
1	19-11-2018	Annai Sivagami GGHSS, Mudaliarpet, Puducherry.	PCCC	Students and Teachers	4	256	260
2	20-11-2018	Barathi GHSS, Bahour, Puducherry.	PCCC	Students and Teachers	152	5	157
3	20-11-2018	Chevaliar Sellane GHSS, Kalapet, Puducherry.	PCCC	Students and Teachers	154	0	154
4	26-11-2018	GHSS, Karayamputhur, Puducherry.	PCCC	Students and Teachers	35	30	65
5	26-11-2018	GHSS, Nonakuppam, Puducherry.	PCCC	Students and Teachers	34	34	68
6	28-11-2018	Kamban GHSS, Nettapakkam, Puducherry.	PCCC	Students and Teachers	23	21	44

7	30-11-2018	Manimegalai GGHS, Nellithope, Puducherry.	PCCC	Students and Teachers	2	85	87
8	03-12-2018	GHSS,Karikalampakkam, Puducherry.	PCCC	Students and Teachers	50	45	95
9	04-12-2018	MaraimalaiAdigal GHSS, Embalam, Puducherry.	PCCC	Students and Teachers	32	32	64
10	04-12-2018	GGHS, Maducarai, Puducherry.	PCCC	Students and Teachers	2	168	170
11	05-12-2018	Sinnatha GGHS, Vysyal street, Puducherry.	PCCC	Students and Teachers	1	53	54
12	06-12-2018	GGHSS, Kathirkamam, Puducherry.	PCCC	Students and Teachers	2	79	81
13	07-12-2018	IAGHSS, Muthirapalayam, Puducherry.	PCCC	Students and Teachers	38	48	86
14	07-12-2018	PKGBHS, Muthialpet, Puducherry.	PCCC	Students and Teachers	67	4	71
15	10-12-2018	TPGGHSS, Ariyankuppam, Puducherry.	PCCC	Students and Teachers	67	36	103

16	10-12-2018	Thiruvalluvar GGHSS, Puducherry.	PCCC	Students and Teachers	0	54	54
17	11-12-2018	GHSS, Koodapakkam, Puducherry.	PCCC	Students and Teachers	40	23	63
18	12-12-2018	Vallalar GGHSS, Lawspet, Puducherry.	PCCC	Students and Teachers	0	105	105
19	13-12-2018	GHSS, Alankuppam, Puducherry.	PCCC	Students and Teachers	13	26	39
20	13-12-2018	TVGHS, Kathirkamam, Puducherry.	PCCC	Students and Teachers	92	65	157
21	14-12-2018	GHS, Dharmapuri, Puducherry.	PCCC	Students and Teachers	37	40	77
22	14-12-2018	GHS, Gandhi Nagar, Puducherry.	PCCC	Students and Teachers	70	23	93
23	18.01.2019	Pethuchettipet GHS, Puducherry.	PCCC	Students and Teachers	36	48	84
24	21.01.2019	Veeramamunivar GHS, Puducherry.	PCCC	Students and Teachers	63	2	65

25	23.01.2019	GHS, V.K. Palayam, Puducherry.	PCCC	Students and Teachers	35	19	54
26	28.01.2019	Pensionate GFHS. Puducherry.	PCCC	Students and Teachers	1	32	33
27	01.02.2019	GHS, Thattanchavady. Puducherry.	PCCC	Students and Teachers	26	27	53
28	04.02.2019	GGHS, Abishegapakkam, Puducherry.	PCCC	Students and Teachers	52	40	92
29	06.02.2019	GHS, Ariyankuppam, Puducherry.	PCCC	Students and Teachers	33	34	67
30	08.02.2019	GHS, Kanuvapet, Puducherry.	PCCC	Students and Teachers	70	27	97
31	11.02.2019	IGGHS, Katterikuppam, Puducherry.	PCCC	Students and Teachers	56	52	108
32	12.02.2019	GHS, Kalmandapam, Puducherry.	PCCC	Students and Teachers	32	43	75
33	13.02.2019	GHS, Keezhparikalpet, Puducherry.	PCCC	Students and Teachers	20	25	45

34	15.02.2019	GHS, Kodathur, Puducherry.	PCCC	Students and Teachers	33	35	68
35	18.02.2019	GHS, Kothapurinatham, Puducherry.	PCCC	Students and Teachers	48	62	110
36	20.02.2019	SVRGHS, Maducarai, Puducherry.	PCCC	Students and Teachers	84	2	86
37	22.02.2019	GHS, Mangalam, Puducherry.	PCCC	Students and Teachers	56	46	102
38	25.02.2019	GHS, Panithittu, Puducherry.	PCCC	Students and Teachers	24	17	41
39	27.02.2019	GHS, Pillaiyarkuppam, Puducherry.	PCCC	Students and Teachers	51	54	105
40	28.02.2019	GHS, Vadanur, Puducherry.	PCCC	Students and Teachers	49	32	81
41	01.03.2019	GHS, Santhaipudukuppam, Puducherry.	PCCC	Students and Teachers	18	17	35
42	04.03.2019	KVGHS, Seliamedu, Puducherry.	PCCC	Students and Teachers	54	60	114

43	06.03.2019	GHS, Sellipet, Puducherry.	PCCC	Students and Teachers	51	41	92
44	08.03.2019	GHS, Sorapet, Puducherry.	PCCC	Students and Teachers	54	63	117
45	11.03.2019	GHS, Suthukeny, Puducherry.	PCCC	Students and Teachers	28	37	65
46	13.03.2019	GHS, Thirubuvanai, Puducherry.	PCCC	Students and Teachers	26	29	55
47	15.03.2019	GHS, Thirukannur, Puducherry.	PCCC	Students and Teachers	101	73	174
48	20.03.2019	SCSV GHS, Veerampattinam, Puducherry.	PCCC	Students and Teachers	40	2	42
49	22.03.2019	KBGHS, Kuruvinaatham, Puducherry.	PCCC	Students and Teachers	35	35	70
50	20-06-2019	D. Simon Cardinal Lourdousamy GHS, Mission Street, Puducherry.	PCCC	Students and Teachers	12	8	20

51	24-06-2019	GHS, Mettupalayam, Puducherry.	PCCC	Students and Teachers	52	3	55
52	26-06-2019	N.S.C Bose GHS, Periyar Nagar, Puducherry.	PCCC	Students and Teachers	40	1	41
53	28-06-2019	S.R. Subramanian GHS, Saram, Puducherry.	PCCC	Students and Teachers	45	30	75
54	01-07-2019	Makkal Thalaivar V. Subbiah GHS, Reddiarpalayam, Puducherry.	PCCC	Students and Teachers	52	21	73
55	03-07-2019	Savarirayalu Nayagar GGHS, Needarajappaia St., Puducherry.	PCCC	Students and Teachers	1	81	82
56	05-07-2019	Tamizh Thendral Thiru. Vi. Ka GHS, Savarayalu Street, Puducherry.	PCCC	Students and Teachers	206	4	210
57	08-07-2019	GHS, Thengaithittu, Puducherry.	PCCC	Students and Teachers	16	21	37
58	10-07-2019	Mahatma Gandhi GBHS, Yanam.	PCCC	Students and Teachers	61	1	62

59	10-07-2019	Kamala Nehru GGHS, Yanam.	PCCC	Students and Teachers	1	51	52
60	11-07-2019	Rajiv Gandhi GHS, Yanam.	PCCC	Students and Teachers	1	77	78
61	11-07-2019	S.K.S.P.V.R.N GHS, Kanakalapeta, Yanam.	PCCC	Students and Teachers	23	31	54
62	11-07-2019	Perunthalaivar KamrajarGHS, Gueriampeta, Yanam.Yanam.	PCCC	Students and Teachers	19	36	55
63	11-07-2019	Pandit Jawarharlal Nehru GHS, Mettakur, Yanam.	PCCC	Students and Teachers	29	27	56
64	12-07-2019	Dr. K.R. Narayanan GHS, Dariyalatippa, Yanam.	PCCC	Students and Teachers	40	36	76
65	12-07-2019	Dr. Ambedkar GPS, Farampeta, Yanam.	PCCC	Students and Teachers	13	23	36
66	12-07-2019	STPP Govt. Jr. College (Intermediate), Yanam.	PCCC	Students and Teachers	71	77	148

67	12-07-2019	Jawahar Navodaya Vidyalaya, Mettacur, Yanam	PCCC	Students and Teachers	163	151	314
68	17-07-2019	GHS, Kompakkam, Puducherry.	PCCC	Students and Teachers	70	45	115
69	19-07-2019	Thiru. Vi. Ka. GHS, Arumparthapuram, Puducherry.	PCCC	Students and Teachers	34	44	78
70	22-07-2019	GHS, Uruvaiyar, Puducherry.	PCCC	Students and Teachers	25	24	49
71	24-07-2019	GHS, Madagadipet, Puducherry.	PCCC	Students and Teachers	42	55	97
72	26-07-2019	Subramania Bharathiar GGHS, Needarajappiyar St., Puducherry.	PCCC	Students and Teachers	2	90	92
73	29-07-2019	Sri. NKC, GHSS, Kurusukuppam, Puducherry.	PCCC	Students and Teachers	1	71	72
74	02-08-2019	VOC, GHSS, Mission St, Puducherry.	PCCC	Students and Teachers	68	2	70

75	05-08-2019	Soucilabai GGHSS, Vysial St, Puducherry.	PCCC	Students and Teachers	0	126	126
76	14-08-2019	Navalar Nedunchezian, GHSS, Lawspet, Puducherry.	PCCC	Students and Teachers	71	4	75
77	19-08-2019	V. Venkatasubba Reddiar GHSS, Lawspet, Puducherry.	PCCC	Students and Teachers	116	0	116
78	21-08-2019	Jeevanandam GHSS, Mudaliarpet, Puducherry.	PCCC	Students and Teachers	79	2	81
79	26-08-2019	Indira Gandhi GHSS, Indira Nagar, Puducherry.	PCCC	Students and Teachers	34	24	58
80	04-09-2019	GGHSS, Periya Kalapet, Puducherry.	PCCC	Students and Teachers	1	79	80
81	06-09-2019	GHSS, Oulgaret, Puducherry.	PCCC	Students and Teachers	43	40	83
82	09-09-2019	GHSS, Neravy, Puducherry.	PCCC	Students and Teachers	30	4	34
83	09-09-2019	K.Q.M GHSS, Sultanpet, Puducherry.	PCCC	Students and Teachers	44	49	93

84	09-09-2019	Govt Hr. Sec. School T.R. Pattinam, Karaikal.	PCCC	Students and Teachers	72	3	75
85	09-09-2019	Hussainia Govt. High School, Mela Raja Veethi, Neravy, Karaikal.	PCCC	Students and Teachers	40	44	84
86	09-09-2019	Rm.A.S.Packirisamy Pillai, Govt High School, Karaikal.	PCCC	Students and Teachers	32	61	93
87	10-09-2019	Kamaraj Govt. high School, Vadamaraikadu, Karaikal.	PCCC	Students and Teachers	2	45	47
88	10-09-2019	V.O.C Govt Hr. School, Kottucherry, Karaikal.	PCCC	Students and Teachers	0	47	47
89	11-10-2019	Theerar Sathiyamurthy GHSS, Murungapakkam, Puducherry.	PCCC	Students and Teachers	55	24	79
90	14-10-2019	Ansari Duraisamy GHSS, Thondamantham, Puducherry.	PCCC	Students and Teachers	27	24	51
91	16-10-2019	GHSS, Sedarapet, Puducherry.	PCCC	Students and Teachers	44	41	85

92	18-10-2019	Kannagi GGHSS, Kottamedu, Puducherry.	PCCC	Students and Teachers	3	87	90
93	21-10-2019	Vivekanantha GBHSS, Kottamedu, Puducherry.	PCCC	Students and Teachers	41	4	45
94	23-10-2019	GHSS, Ariyur, Puducherry.	PCCC	Students and Teachers	24	24	48
95	25-10-2019	GHSS, Thavalakuppam, Puducherry.	PCCC	Students and Teachers	43	19	62
96	30-10-2019	Thiyagi K.R. Subramaniya Padayatchi GHSS, Koravelimedu, Puducherry.	PCCC	Students and Teachers	32	23	55
97	04-11-2019	Dr.Ambedkar GHSS, Kirumampakkam, Puducherry.	PCCC	Students and Teachers	43	29	72
98	06-11-2019	GHSS, Korkadu, Puducherry.	PCCC	Students and Teachers	31	26	57
99	08-11-2019	Kalaignar Karunanithi GHSS, Kalitheerthalkuppam, Puducherry.	PCCC	Students and Teachers	32	26	58

100	11-11-2019	GHSS, Thiruvandarkoil, Puducherry.	PCCC	Students and Teachers	46	54	100
101	13-11-2019	PavenderBharathidasan GHSS, P.S. Palayam, Puducherry.	PCCC	Students and Teachers	38	42	80
102	15-11-2019	Aringnar Anna GHSS, Koonichempet, Puducherry.	PCCC	Students and Teachers	42	23	65
103	18-11-2019	Anandarangapillai Govt. Special School for Visually Handicapped and Hearing Impaired, Pillaichavady, Puducherry.	PCCC	Students and Teachers	38	19	57
104	21-11-2019	Kendriya Vidyalaya, Dhanvandri Nagar, Oulgaret, Puducherry.	PCCC	Students and Teachers	63	86	149
105	22-11-2019	Kendriya Vidyalaya, Periya Kalapet, Puducherry.	PCCC	Students and Teachers	41	45	85
106	25-11-2019	Jawahar Navodaya Vidyalaya, Periya Kalapet, Puducherry.	PCCC	Students and Teachers	165	154	319

107	23.01.2020	Kamaraj GHS, Poovam, Kottucherry, Nedungadu, Karaikal.	PCCC	Students and Teachers	27	16	43
108	23.01.2020	GHS, Thiruvettakudy, Kottucherry, Nedungadu, Karaikal.	PCCC	Students and Teachers	62	40	102
109	23.01.2020	GHS, Varichikudy, Kottucherry, Nedungadu, Karaikal.	PCCC	Students and Teachers	30	39	69
110	23.01.2020	GGHS, Kottucherry, Nedungadu, Karaikal.	PCCC	Students and Teachers	3	81	85
111	24.01.2020	GHS, Vizhidiyur, Neravy, Nearvy & Trp, Karaikal.	PCCC	Students and Teachers	40	38	78
112	24.01.2020	GHS, Akkaaraivatam, Neravy, Nearvy & Trp, Karaikal.	PCCC	Students and Teachers	26	19	45
113	06.02.2020	I.K. Kumaran GHSS, Pandakkal, Mahe.	PCCC	Students and Teachers	35	35	70
114	06.02.2020	Jawahar Navodaya Vidyalaya, Mahe.	PCCC	Students and Teachers	46	33	79

115	06.02.2020	V.N. Purushothaman GHSS, Palloor, Mahe.	PCCC	Students and Teachers	25	26	51
116	06.02.2020	Kasthuribai Gandhi GHS, Palloor, Mahe.	PCCC	Students and Teachers	25	46	71
117	06.02.2020	Kendriya Vidyalaya, Pandakkal, Mahe.	PCCC	Students and Teachers	50	47	97
118	06.02.2020	Usman GHS, Chalakkara, Mahe.	PCCC	Students and Teachers	49	35	84
119	07.02.2020	J.N. GHSS, Mahe.	PCCC	Students and Teachers	20	19	39
120	07.02.2020	Ecole Centrale Et. Cours Comp, Mahe.	PCCC	Students and Teachers	19	8	27
121	07.02.2020	C.E. Bharathan GHSS, Mahe.	PCCC	Students and Teachers	11	33	44
122	20.02.2020	GHS, Sethur, Thirunallar, Karaikal.	PCCC	Students and Teachers	33	34	67
123	20.02.2020	GGHS, T.R.Pattinam, Nearvy & Trp, Karaikal.	PCCC	Students and Teachers	2	99	101

124	20.02.2020	GHS, Oozhiapathu, Neravy, Nearvy & Trp, Karaikal.	PCCC	Students and Teachers	28	25	53
125	20.02.2020	College D' Enseignement Secondaire, Karaikal (South).	PCCC	Students and Teachers	10	8	18
126	20.02.2020	Govindasamy Pillai GHS, Karaikal (South),	PCCC	Students and Teachers	81	1	82
127	21.02.2020	Murugathal Achi. GGHS, Karaikal (South).	PCCC	Students and Teachers	2	74	76
128	21.02.2020	GHS, Kothukulam, Karaikal (South).	PCCC	Students and Teachers	26	25	51