



Government of India

Funded by

Ministry of Environment, Forest & Climate Change (EI Division)

ANNUAL PROGRESS REPORT 2019-2020

(1st April 2019 - 31st March 2020)

of

PUDUCHERRY ENVIS HUB

On Status of Environment & Related Issues

Hosted by



Puducherry Pollution Control Committee

Government of Puducherry

IIIrd Floor, PHB Building, Anna Nagar

Puducherry - 605 005

Email Id: envis.pon@nic.in

Telephone: 0413 2201256

Website URL: https://dste.py.gov.in/Envispy/Home_Envis.html



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ANNUAL PROGRESS REPORT 2019-2020

SN	INDEX	Page No
1.	Name of Host Organization	<i>1-3</i>
2.	Assigned Subject Area	
3.	Date/Moth/Year of establishment of ENVIS Centre	
4.	Name and designation of ENVIS Coordinator (2019-20)	
5.	Composition of an Advisory Committee	
6.	Current ENVIS Staff Structure	
7.	Mandate of the Host Organization and Mandate of the ENVIS centre	
8.	Databases 8.1 Catalogue of Non- numeric Databases compiled by the ENVIS Centre till date 8.2 Catalogue of Numeric and Time- series Database compiled by the Centre till date 8.3 New Databases developed during the Financial Year (2019-20)	<i>4-7</i>
9.	Information/ Knowledge Products 9.1 ENVIS Newsletters published during 2019-20 9.2 Other Publications/ information products brought out during 2019-20	<i>8-16</i>
10.	ENVIS Website 10.1 URL 10.2 Status of restructuring of Website 10.3 Frequency of updating Website 2019-20 10.4 Subject-specific database updation (numeric/ others) 10.5 Publication uploaded/ updated on Website	<i>17</i>
11.	User Engagement and Interaction 2019-20 11.1 Total number of visits on Website 11.2 Number of unique visits on Website 11.3 Number of reports downloaded/ read by stakeholders 11.4 Query Answer Statistics	<i>17</i>
12.	Implementation of Annual Plan of Activities during 2019-20	<i>18-20</i>
13.	New Initiatives taken during 2019-20	<i>20</i>
14.	Date of most recent physical verification by the Ministry	
15.	Green Skill Development Programme	<i>21</i>
16.	NES-GRIDDS	<i>22</i>
17.	Training, Extension, Awareness and Outreach Activities during 2019-2020	<i>23-36</i>
18.	Status of existing hardware	<i>37</i>
19.	Status of Utilization of grant in 2019-20 and reasons for shortfalls, if any	
20.	Issues/ hurdles faced in undertaking ENVIS activities	

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

**Government of India
Ministry of Environment, Forest & Climate Change
(EI Division)**

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Annual Progress Report (APR) - 2019-2020 on Activities of ENVIS Hub Centre -Puducherry

Updated on 08.04.2019

1.	Name of Host Organization:	Puducherry Pollution Control Committee
2.	Assigned Subject Area:	Status of Environment and related issues
3.	Date/Month/Year of establishment of ENVIS Centre:	22 nd September- 2005
4.	Name and designation of ENVIS Coordinator:	P. Vipin Babu Scientist / Envis Coordinator Puducherry Pollution Control Committee
5.	Has the Host Organization constituted an Advisory Committee for guiding the activities of the Centre?	Yes Is it there in our centre? if it is not make something and got it approved.
	Composition of the Advisory Committee :	Smt. Smitha. R, I.A.S., Secretary to Government(DSTE)-cum-Chairman(PPCC) Dr. R. Sagaya Alfred Senior Scientific Officer, Department of Science, Technology & Environment P. Vipin Babu Scientist (PPCC)/Envis Coordinator

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

6.	Current ENVIS Staff Structure:							
	Name	Position held	Qualification and Experience	Joining Date in ENVIS Centre	Joining Date in current position	2018-19		
						Leaving Date (if applicable)	Emoluments drawn (₹)	
							Monthly	Annual
	P. Vipin Babu	Scientist/ ENVIS Co-ordinator	M. Sc., M.Phil	26.06.2016	-do-	-	-	-
1.	J. Nithiya	Programme Officer	B.Sc (Agri.), M.Sc (Ecology & Env't.Science), M.Tech (Env't.Engg) Experience- 2 Years in Environment Engineering field. 4 Years 2 months Working experience in ENVIS	10-02-2016	-do-	-	Rs.42,445.59	Rs. 5,09,347.08
2.	S. Jagan Kumar	Information Officer	MCA Experience- 3 Years in Web Development. 1 Year and 8 month experience in ENVIS	19-07-2018	-do-	-	Rs. 35,451.79	Rs. 4,25,421.48
3.	S. Dhinesh	Information Technology Officer	B.Tech (Information Technology) Experience- 2 Years in Web Development. 1 Year and 5 month experience in ENVIS	08-10-2018	-do-	-	Rs. 28,672.16	Rs. 3,44,065.92
4.	Dr. N. Sridhar	Data Entry Operator/ Plant Taxonomist	2 Years of experience in Teaching and 2 month experience in ENVIS.	05-02-2020	-do-	-	Rs. 12,100	Rs. 24,200

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

7.	Mandate of the Host Organization	Mandate of the ENVIS Centre
	Enforcement of Pollution Control Acts and Rules	<ul style="list-style-type: none"> • Collection, collation, and dissemination of information on Status of Environment and its related issues which will be of immense use to decision-makers, policy planners, research organizations, stakeholders, and to general public. • Under the revamped ENVIS Scheme, various new initiatives has undertaken by ENVIS Hubs (erstwhile State ENVIS Centres) and ENVIS Resource Partners (RPs) - (erstwhile ENVIS Thematic Centres), in addition to the existing mandate, which include Green Skill Development Programme (GSDP), Grid Based Decision Support System (GRIDSS)- for Sustainable Management of Natural Resources and Building Community-driven Environmentally Sustainable Village Program (CESVP).

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

8. Databases:

8.1. Catalogue of Non-numeric Databases compiled by the ENVIS Centre till date:

Name of Database	Description (in brief)	Data type (descriptive/ graphical/ geospatial/ etc.)	Status of Updation Periodicity/ Data Points Compiled date/month/year last data point)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
News from Dailies	News articles related to Environmental related issues published in various dailies	Descriptive information and Web links	All the published news articles in a month on day-to-day basis <i>March 2019</i>	Newspapers and internet	Available online
Publications	This section includes Puducherry Envis Hub Publications (Newsletter / abstracts / journal articles), books, and information brochures related to Environmental issues	Descriptive	Monthly <i>March 2020</i>	Through Puducherry Envis Hub	Available online
Latest Update	This area features the snapshot of recent activities of the Centre, all communications to be displayed as instructed by the Ministry and the visitors of ENVIS Centre.	Descriptive	Based on the news/events <i>March 2020</i>	Through Puducherry Envis Hub	Available online
Kids corner	Engaging the kids towards Environmental related issues and promoting environmental awareness through Puzzle, image gallery and cartoons	Non -numeric; Descriptive	Monthly <i>March 2020</i>	Books, internet	Available online
Glossary	Brief explanatory notes on terminologies related to Environmental related issues	Descriptive	Yearly	Universities & College Libraries, Institutions, Books, Journals and web sources	Available online
Major Activities	Activities Undertaken by Puducherry Envis Hub on awareness and outreach programs.	Descriptive/Time -series	Based on the activities <i>March 2020</i>	Through Puducherry Envis Hub	Available online

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Bibliography	It includes technical guides, working manuals, yearly reports, etc., released by FAO and other international Organizations working on themes related to the thrust area	Non-numeric; descriptive	Quarterly/Last updated on <i>March 2020</i>	Books, Journals and internet	Uploaded on ENVIS website
Database	All types of environment related data's	Descriptive/Time series	Up to date	Through online	Available online
Notification and Standards	Notification and rules related to Environment	Descriptive	Up to date	Through online	Available online
About us	About ENVIS & Host Organization	Informative	Up to date	ENVIS	Available online
ENVIS Network	ENVIS Focal point & Centres across	Informative	Up to date	ENVIS	Available online
Web Statistics	An overview of visitor summary, visit summary, page view summary, and Hits summary of website	Information in pdf	Up to date	Through Puducherry Envis Hub	Available online
Query / Feedback	Postal and email address of Puducherry ENVIS	Informative	Up to date	-	Available online
Experts	Contact details of subject experts	Informative	Up to date	Puducherry ENVIS	Available online
FAQs	Frequently asked questions related to subject area	Informative	Up to date	Web	Available online
Contact Us	Contact details of ENVIS head & Secretariat at MoEF&CC, Host Organization, and ENVIS Centre	-	Up to date	-	Available online

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

8.2. Catalogue of Numeric and Time-series Databases compiled by the Centre till date:

Name of Database	Description (in brief)	Time Period (Starting year- Ending year) and Periodicity (annual/ monthly/ other)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
Agriculture	Area, Production and Productivity of all type of crops	2016-2017	Agriculture Department, Puducherry	Yes
Air Quality	Air Quality data (parameter wise) National Ambient Air Quality Status for SO ₂ , NO ₂ , PM ₁₀ , RSPM	Monthly	PPCC Records	Yes
Water quality data base	River Water Quality Data Water Quality Data of lake, ponds, & tanks (State wise) Water Quality Data of Ground water	2011-2020 (Annually)	PPCC Records	Yes
Types of Waste	Biomedical waste (BMW) Municipal Solid Waste E waste Plastic Waste Construction & Demolition Waste Hazardous Waste	Annually	PPCC Records	Yes
Climate	Temperature, rainfall etc	Monthly, Annual 1990-2019	Directorate of Economics and Statistics	Yes
Demography	Demography statistics	2001, 2011	Census of India	Yes
Earthquakes	History of Earthquakes	1839 -2018	Disaster Management Deptt	Yes
Energy	Electricity and energy Consumption	Annually	REAP & Electricity Department	Yes
Coastal	Coastal data	Periodically	Puducherry Coastal Zone Management Authority	Yes
Fisheries	Types of Fishes available in Puducherry	Periodically	Fisheries Depart., Puducherry	Yes
Industries	List of Industries in the U.T. of Puducherry	Annually	Industries and Commerce, Puducherry	Yes

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

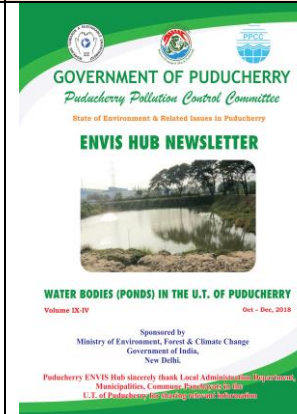
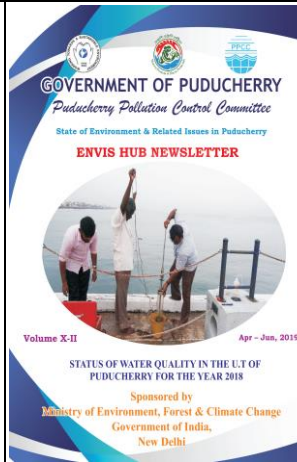
8.3. New Databases developed during the previous Financial Year (2019-2020): Completed

Name of Database	Description (in brief)	Data type (<i>descriptive/ graphical/ geospatial/ etc.</i>)	Status of Updation/ Periodicity/ Data Points Compiled (including date/month/year of last data point)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
Mobile Application (Android)	The Mobile App. aims to furnish basic information on the Birds and Butterflies present in Puducherry region. It also includes families, identification and characteristics	Descriptive with illustrations wherever necessary	Completed	Puducherry Envis Hub	https://qr.go.page.link/so68p



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

9. Information/ Knowledge Products:


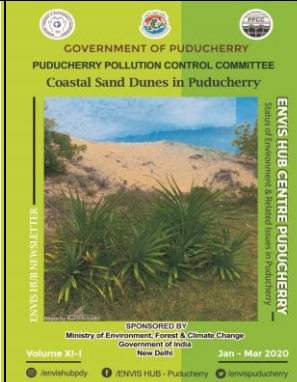
9.1. ENVIS Newsletters published during the previous Financial Year (2019-20):

Quarter/ Volume/ Issue/ Theme	Main Articles	Number of copies printed and circulated	URL of the PDF file in ENVIS website	Cover snapshot
Oct-Dec, 2018 IX-VOLUME/IV-Issue Water Bodies in the U.T. of Puducherry	The Union Territory of Puducherry consists of four constituent regions- Puducherry, Karaikal, Mahe and Yanam. There are 712 ponds present in the Union Territory to ensure rainwater storage and to recharge groundwater level.	200 Copies and circulated to all Envis Centres and Ministry of Environment, Forest & Climate Change, New Delhi.	https://dste.py.gov.in/Envispdy/Pdf/Newsletter/2018/Newsletter-Oct-Dec-2018.pdf	
Jan- March, 2019 X-VOLUME/I-Issue Status of Ambient Air Quality in the U.T of Puducherry for the Year 2018	Puducherry Pollution Control Committee is carrying out manual ambient air quality monitoring at the following Six locations in the U.T. of Puducherry under the 'National Air quality Monitoring Programme' (NAMP) of Central Pollution Control Board (CPCB). The monitoring of pollutants is carried out for 24 hours (4-hourly sampling for gaseous pollutants and 8-hourly sampling for particulate matter) with a frequency of twice a week.	200 Copies and circulated to all ENVIS Centres, Ministry of Environment, Forest & Climate Change, New Delhi.	https://dste.py.gov.in/Envispdy/Pdf/Newsletter/2019/Newsletter-Jan-March-2019.pdf	

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub



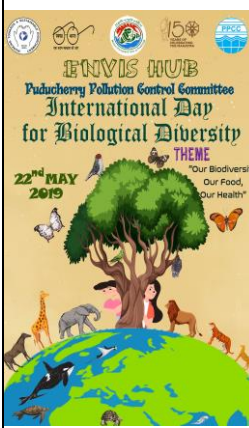
Quarter/ Volume/ Issue/ Theme	Main Articles	Number of copies printed and circulated	URL of the PDF file in ENVIS website	Cover snapshot
April - June, 2019 X-VOLUME/II-Issue Status of Water Quality in the U.T of Puducherry for the Year 2018	Water quality monitoring is carried out by Puducherry Pollution Control Committee periodically at various locations with financial assistance from Central Pollution Control Board under National Water Quality Monitoring Programme (NWMP). Monitoring is done on quarterly basis in surface water bodies in Puducherry and Karaikal regions, Annually in Mahe and Yanam regions and during pre and post monsoon in the case of ground water.	200 Copies and circulated to all ENVIS centres, MoEF&Climate Change, New Delhi.	https://dste.py.gov.in/Envispdy/Pdf/Newsletter/2019/Newsletter-April-june-2019.pdf	
July - Sep, 2019 X-VOLUME/III-Issue Status of Water Quality in the U.T of Puducherry for the Year 2019	Department of Science, Technology & Environment / Puducherry Pollution Control Committee has been monitoring Water quality periodically at 31 locations with financial assistance from Central Pollution Control Board under National Water Quality Monitoring Programme (NWMP). Monitoring is done on quarterly basis in surface water bodies in Puducherry and Karaikal regions, annually in Mahe and Yanam regions and during pre and post monsoon in the case of ground water.	200 Copies		

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Quarter/ Volume/ Issue/ Theme	Main Articles	Number of copies printed and circulated	URL of the PDF file in ENVIS website	Cover snapshot
Oct-Dec, 2019 X-VOLUME/IV-Issue Status of Ambient Air Quality & Air Quality Index in the U.T of Puducherry for the Year 2019	Puducherry Pollution Control Committee is carrying out manual ambient air quality monitoring at the following six locations in the U.T. of Puducherry under the 'National Air quality Monitoring Programme' (NAMP) of Central Pollution Control Board (CPCB). The monitoring of pollutants is carried out for 24 hours (4-hourly sampling for gaseous pollutants and 8-hourly sampling for particulate matter) with a frequency of twice a week.	200 Copies		
Jan- March, 2020 XI-VOLUME/I-Issue Coastal Sand Dunes in Puducherry	The three enclaves of U.T. of Puducherry are located in coastal regions of Bay of Bengal and Arabian Sea. Puducherry and Karaikal are located in coastal regions of Bay of Bengal. The four regions of the Union Territory have a coastline of 45 km with 675 of inshore waters, 1.347 hectares (3.33 acres) of inland water and 800 ha of brackish water.	200 copies		

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub




9.2. Other publications/ information products brought out during the previous Financial Year (2019-2020):

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
Mobile App.	Puduvai Patchi	Completed	https://qr.go.page.link/so68p	
Book	Annual Environment Survey Report, 2018		https://dste.py.gov.in/Envispdy/Pdf/Annual%20Report/Annual Environment Survey Report-2019.pdf	
Posters				
International Biodiversity Day	Our Biodiversity, Our Food, Our Health	500 Copies	https://dste.py.gov.in/Envispdy/Images/Poster/Biological Diversity Poster.jpg	
World Environment Day	Beat Air Pollution	500 Copies each	https://dste.py.gov.in/Envispdy/Images/Poster/Environment%20Day%20Poster.jpg	




**Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by
Puducherry Envis Hub**

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
International Ocean Day	Gender and the Ocean	200 Copies each	https://dste.py.gov.in/Envispdy/Images/Poster/Ocean_Da_y_Poster_2019.jpg	
Plastic Ban awareness	Awareness poster in plastic ban	200 Copies each	https://dste.py.gov.in/Envispdy/Images/Poster/Poster%20with%20Plastic Ban English.jpg	
International Ozone Day	32 Years and Healing	200 Copies	https://dste.py.gov.in/Envispdy/Images/Poster/Ozone_Pos ter_2019.jpg	
Green Awareness Diwali	Awareness poster for Diwali	100 copies	https://dste.py.gov.in/Envispdy/Images/Poster/Diwai%202019.jpg	

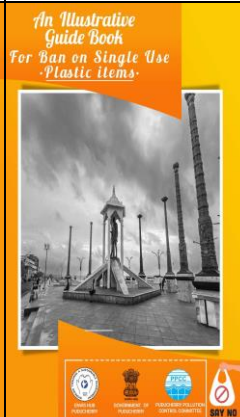



**Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by
Puducherry Envis Hub**

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
National Pollution Control Day		100 copies	https://dste.py.gov.in/Envispydy/Images/Poster/national_pollution_control_day.jpg	
World Wetland Day	Wetland and Biodiversity	200 copies	https://dste.py.gov.in/Envispydy/Images/Poster/Wetlands_Day_Poste1_2020.jpg https://dste.py.gov.in/Envispydy/Images/Poster/Wetlands_Day_Poster_2020.jpg	
Pamphlet				
International Ocean Day	Gender and the Ocean	200 Copies	https://dste.py.gov.in/Envispydy/Images/Pamphlet/Ocean_day_pamphlet_2019.jpg	

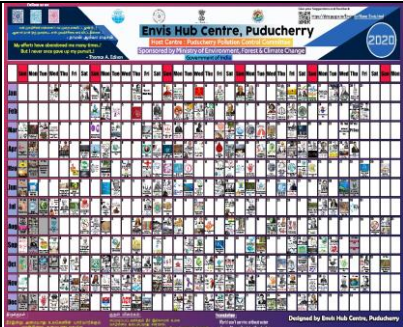
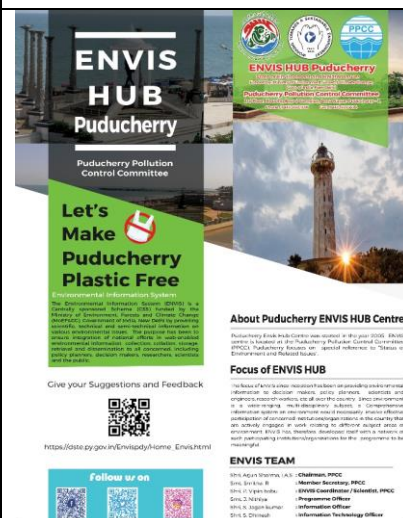
Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
Make plastic free Office	Awareness Pamphlet in plastic Free Office	100 Copies	https://dste.py.gov.in/Envispdy/Images/Pamphlet/Platics%20Free%20Office%20pamphlet.jpg	
International Ozone Day	32 Years and Healing	200 Copies	https://dste.py.gov.in/Envispdy/Images/Pamphlet/Ozone%20Layer_Page_2019.jpg	
World Wetland Day	Wetland and Biodiversity	200 copies	https://dste.py.gov.in/Envispdy/Pdf/Pamphlet/Wetlands Day Phamplet 2020.pdf	

**Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by
Puducherry Envis Hub**

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
Brochure				
	An Illustrative guide book for ban on single use plastic items	100 copies	https://dste.py.gov.in/Envispdy/Pdf/Pamphlet/Plastic_Ban.pdf	
Stickers				
International Biodiversity Day	Our Biodiversity, Our Food, Our Health	100 copies	https://dste.py.gov.in/Envispdy/Images/Sticker/BDD_Sticker.jpg	
World Environment Day	Beat Air Pollution	100 copies	https://dste.py.gov.in/Envispdy/Images/Sticker/WED_2019_Sticker_2.jpg https://dste.py.gov.in/Envispdy/Images/Sticker/WED_2019_Sticker_1.jpg	
International Ocean Day	Gender and the Ocean	100 copies	https://dste.py.gov.in/Envispdy/Images/Sticker/Ocean_Day_Sticker_1.jpg	

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF File in ENVIS Website	Cover snapshot
Yearly and Monthly Science Calendar				
Yearly Calendar	The calendar is having both the information on the various days related to Environment.	700 copies		https://drive.google.com/file/d/1OCVkfcbtmgwKFav9WkdHJ1qRR8sLHfuK/view
Monthly Science Calendar	The calendar is having both the information on the various days related to Environment and the QR code printed on the monthly sheet can be used to download various central acts and rules published by MoEF&CC pertaining to Environment.	300 copies		https://drive.google.com/file/d/1E60Lx1zOThDUhtuy2sG6LfgXq-e9wsKT/view

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

10. ENVIS Website (*ENVIS Centres whose Website has been restructured may provide the Performance Report/Graphs generated therein wherever possible*):

10.1.	URL:	https://dste.py.gov.in/Envispdy/Home_Envis.html	
10.2.	Status of restructuring of Website:	Restructured (Completed)	Not restructured
10.3.	Frequency of updating Website:	Regular	
10.4.	Subject-specific database updation (numeric/ others):	Status of Environment and related issues	
10.5.	Publication uploaded/ updated on Website:	Yes	

11. User Engagement and Interaction(*ENVIS Centres whose Website has been restructured may provide the Performance Report/Graphs generated therein wherever possible*):

11.1.	Total number of visits on Website:	Total No. of visitors 1993
11.2.	Number of unique visits on Website:	729
11.3.	Number of reports downloaded/ read by stakeholders:	186

11.4. Query-Answer Statistics:

Mode of Query Receipt	Number of Queries Received	Number of Queries Responded	Reasons for shortfalls, if any, and action taken to rectify
Online	16	16	
Email	20	20	
Postal	-	-	
Physical	35	33	

<i>User engagement and interaction</i>	<i>FY 2018-19</i>	<i>FY 2019-2020</i>
i. Total number of visits	487	1993
ii. Number of unique visits	487	729
iii. Reports Downloaded/Read	19 Report Download From CPCB & 12 From Zonal Officer Bangalore	186
iv. Total Number of Queries received	58	71
v. Number of Queries responded	58	71
vi. Grade received		

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

12. Implementation of Annual Plan of Activities of the previous Financial Year (2019-2020):

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefor
Centre's proposed activities 2019-20		
1. Updation & maintenance of Redesigned ENVIS Website	Yes	
2. Regular updation of databases	Yes	
3. Newsletters, Information Products	Yes	
4. Upload of information on all aspects of environment	Yes	
5. Upload books, reports, <i>etc.</i> on the ENVIS website	Yes	
6. Compilation of abstracts, bibliography, news articles, events <i>etc.</i> on the subject area and uploading of the same in the relevant sections of ENVIS website	Yes	
7. Query Response Service	Yes	
8. Reference databases	Yes	
9. Participation in ENVIS workshops / Seminars /Brainstorming Sessions	Yes	
Collection and Compilation of Information and Data		
1. Development and regular updation of <i>databases</i> (descriptive, numeric, pictorial, geospatial, <i>etc.</i>) on the assigned subject area and regular uploading of the same in the <i>Subject Area</i> section of the ENVIS Website, after due verification/ authentication, with suitable referencing of data sources.	Ongoing, Regular	
2. Compilation of <i>Abstracts, Bibliography, News articles, Events, etc.</i> on the subject area and uploading the same in the relevant section of ENVIS Website.	Ongoing, Regular	
3. Identification of data gaps and formulation with implementation of action plan to fill them.	Ongoing, Regular	

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Maintenance of ENVIS Website and User Engagement through it		
4. Maintaining the ENVIS Website up-to-date and user-engaging, and as an inventory of authentic and reliable information in the subject Area	Ongoing, Regular	
5. Query-Response/Referral service to stakeholders.	Yes	
6. Developing and upgrading a Kids' Corner.	Ongoing, Regular	
7. Maintaining a disaggregated record of visitors, including unique visitors, to the Website.	Ongoing, Regular	
Publications and Value-Addition		
8. Publishing 4 <i>Newsletters</i> and uploading the same in the relevant section of ENVIS Website.	Ongoing, Regular	
9. Released Mobile App. In Puduvai Patchi	Completed	
10. Processing/analyzing data collected and bringing out value-added information Products	Ongoing, Regular	
11. Collecting books, reports and journals on the subject area; Uploading e-versions of books, reports, etc. on the ENVIS Website. Uploading Abstracts of books, reports, journals and articles of those whose e- versions are not available.	Ongoing, Regular	
12. Other activities <ul style="list-style-type: none"> - Filling up Information Officer and IT Officer post - Filling up Data Entry Operator 	Completed	
Completion of data entry in all respects for ISBEID pertaining to modules (up to 2019-20), namely: <ul style="list-style-type: none"> - Administrative Profile - Demographic - Economic - Climate and Disaster Occurance - Natural Resources - Water Resources - Ecology 		

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

<ul style="list-style-type: none"> - Infrastructure - Agriculture - Animal Husbandry and Fisheries - Industries and Mining - Energy Stock & Production - Pollution - Waste - Health - Heritage and Tourism 		Completed	
Suggestions for improvement by Processing Division, MoEF			
<p>Miscellaneous observations:</p> <ul style="list-style-type: none"> - More productive use of ISBEID data by publishing papers, analysis reports, etc. - Update ISBEID data more frequently. Use more modules. Complete back data entry. - Authenticate data and use proper references/citations in both ISBEID and Website. Provide references to only published/verifiable sources. - Develop better content to engage and elicit public participation, visits, queries and downloads etc. to the website. - Develop more value-added products such as books, SoER, CD/DVDs, Software and databases etc. 		Ongoing, Regular	
13.	New initiatives taken during the previous Financial Year (2019-20):	Conducted Green Skill Development Programme in Pollution Monitors: Air and Water Pollution	
14.	Date of most recent physical verification by the Ministry:	December 2018 Dr. Anandi Subramanian, Senior Economic Advisor	

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

15. Green Skill Development Programme(GSDP):

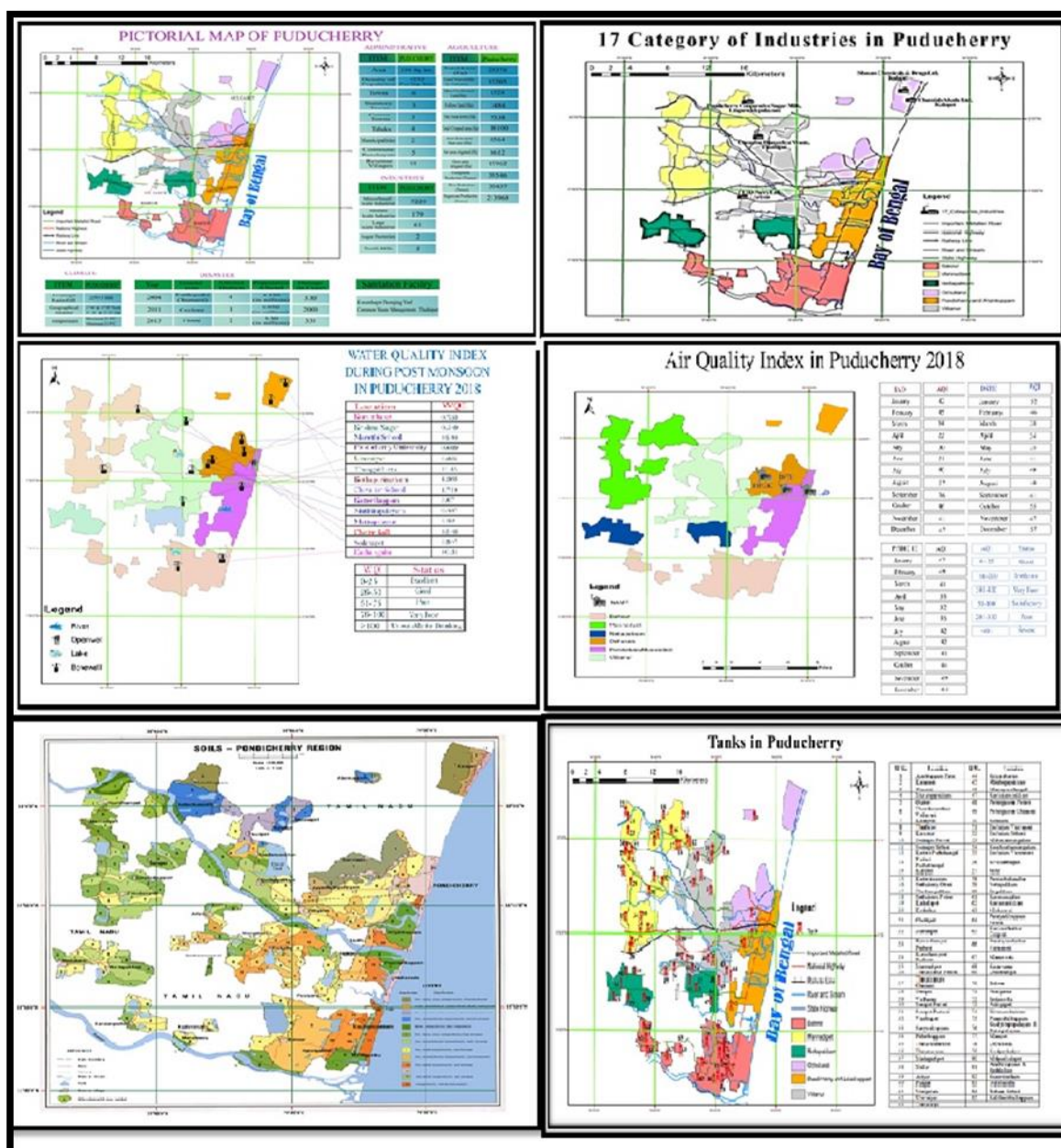
Puducherry ENVIS Hub in Puducherry Pollution Control Committee imparted GSDP course in “Pollution Monitoring: Air and Water Pollution” at level- 6 at Dr. Abdul Kalam Science Centre and Planetarium, Lawspet, Puducherry. The training programme was conducted for a period of 30 working days (17th February to 21st March 2020, 260 hours) and the training module included theoretical, practical, field visits and assignments. The number of participants were 27 from various background covering Puducherry region and adjoining T.N. Districts. In addition, hands-on training and field trips were also arranged to visit Waste Water Treatment and Air Pollution Control Measures adopted in various industries in order to provide a real time exposure. Lectures on various topics of Pollution Monitors: Air and Water pollution i.e., Our Hydrosphere, water chemistry, water pollution, sources of pollutants and effluents, inventorisation of sources of Water pollution, monitoring techniques, water quality management, impacts of water pollution and from Air Pollution syllabus i.e., our atmosphere, introduction about air pollution, meteorology, sources, monitoring, air quality management and impacts of air pollution were also imparted to motivate the participants to become entrepreneurs and for seeking self employment.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Enviro Hub

16. National Environment Survey – Grid Based Decision Supporting System (GRIDSS):

The ENVIS Hub Puducherry has taken steps for carrying out the works relates to the GRIDSS. Under this centre has to carry out survey of designated districts in a phased manner. The country would be divided into grids of 50x50 km; however district wise grids would measure 9x9 km or less depending on the terrain, for effective survey of various environmental parameters such as air, water, noise, soil quality, solid, hazardous & e-waste, forest & wildlife, flora & fauna, wetlands, lakes, rivers & other water bodies, public health etc. The Air Quality index map, water quality, Socio economic map, soil map, Tank in Puducherry, 17 Category industries map were prepared and hosted in the website. Secondary Data collections for the selected districts were completed. The topo sheet of the Puducherry District was collected from Pondicherry University.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17. Training, Extension, Awareness and Outreach Activities during 2019-2020:

17.1. National Review Meeting of Envis

Envis Coordinator along with the Envis team attended National Review Meeting of Envis held on 02 April 2019 at MoEF&CC, GoI, New Delhi.



Shri C.K. Mishra, IAS., Secretary, MoEF&CC, Government in India, visited Puducherry Envis Hub stall along with Principal Advisor, Economic Advisor and Senior Officials



Principal Economic Advisor giving certificate to the ENVIS Hub Centre Puducherry

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.2. World Environment Day Celebration, 2019

Department of Science, Technology and Environment, Government of Puducherry in collaboration with Puducherry Pollution Control Committee, Government of Puducherry, Ministry of Environment, Forests and Climate Change (MoEF&CC), Government of India, Society of Integrated Coastal Management (SICOM), Government of India, Department of Tourism, Government of Puducherry, District Rural Development Authority, Government of Puducherry and ENVIS Hub, Puducherry, celebrated the World Environment Day at Eden Beach, Chinnaveerampattinam, Puducherry. Hon'ble Chief Minister of Puducherry, Hon'ble Minister for Science, Technology & Environment and Member of Legislative Assembly of Ariyankuppam Constituency and Member of Legislative Assembly of Manavelly Constituency, the Block Development Officer, Ariyankuppam Commune Panchayat participated the above said event. As a part of the "World Environment Day Celebration", the Puducherry ENVIS Hub Centre participated coastal cleaning activities. Finally, the chief guest released the Poster and Sticker prepared by Puducherry Envis Team.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.3. District Level Stake Holders Meeting

District Level Stake Holders Meeting to publicize the new initiatives of the Ministry of Environment, Forest & Climate Change, Government of India, New Delhi namely GSDP and GRIDSS programme under the ENVIS scheme was held on 26.06.2019 at Dr. Abdul Kalam Science Centre & Planetarium, Lawspet, Puducherry.



17.4. One day Workshop on “Use of Foldscope as an Educational Tool”

Shri. S. Dhinesh, Information Technology Officer, Puducherry Envis Hub attended One day Workshop on “Use of Foldscope as an Educational Tool” at Indira Gandhi, Govt. High School, Katterikuppam, Puducherry on 20.07.2019 Sponsored by Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India and Directorate of School Education, Puducherry. Shri. Pandiarajan, Tamil Nadu Foldscope Instructor briefed about foldscope.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.5. District Level Stake Holders Meeting at Karaikal District

Conducted District Level Stake Holders Meeting at Karaikal District by Puducherry Envis Hub on 30.07.2019 at Collectorate, Karaikal under the Chairmanship of Shri. A. Vikranth Raja, I.A.S., District Collector, Karaikal.



Presentation on ENVIS Scheme and its new initiatives by P. Vipin Babu, Scientist/Envis Coordinator



ENVIS Coordinator Thiru. P. Vipin Babu, handed over a plant sapling to District Collector, Karaikal.

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.6. World Ozone Day Celebration, 2019

Special talk and Quiz Competitions were conducted on the theme “32 years and healing” at 5 Government Schools on 14.09.2019 organized by Puducherry ENVIS Hub.



Half-a-day awareness workshop was conducted on 16.09.2019 in the theme “**32 Years and Healing**” for the Diploma Students of Motilal Nehru Government Polytechnic, Puducherry at Dr. Abdul Kalam Science Centre and Planetarium, Puducherry organized by Puducherry Envis Hub.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

Special Lectures on “Ozone Layer Depletion and Its Health Impacts” delivered by Dr. Malathi Munisamy, Associate Professor, Department of Dermatology and STD, JIPMER held on 16.09.2019 at Centre for Pollution Control and Environmental Engineering, Pondicherry University, Puducherry organized by Puducherry Envis Hub. An awareness poster and pamphlet has been released during the occasion.



Conducted Quiz Competitions at Indira Gandhi College of Arts and Science, Kathirkamam, Puducherry on 17.09.2019 organized by Puducherry Envis Hub.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.7. International Coastal Cleanup Day Celebration 2019

Puducherry Pollution Control Committee and Department of Science, Technology and Environment in collaboration with the National Centre for Coastal Research, Chennai organized coastal cleanup activities carried out at the Eden Beach located at Chinnaveerampattinam, Puducherry on 21.09.2019. The event was supported by Indian Coast Guard, Local Administration Department, Puducherry and ENVIS Hub, Puducherry.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.8. Swachh- Nirmal Tat Abhiyaan Mass Cleanliness Drive on Coastal Beaches

Envis Team participated Swachh-Nirmal Tat Abhiyaan Mass Cleanliness Drive on Coastal Beaches from 11-17th November 2019 organized by Department of Science, Technology and Environment, Puducherry Council for Science and Technology (PCS&T) along with Ministry of Environment, Forest & Climate Change and Society of Integrated Coastal Management (SICOM), Government of India, involved Ecoclub students in Puducherry and Paradise beaches in Puducherry District.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.9. Regional Level Science Exhibition

Envis Team participated Regional Level Science Exhibition organized by the Directorate of School Education at Jeevanandam Government Higher Secondary School at Karamanikuppam from 21.11.2019 to 22.11.2019.



17.10. Envis Centres Visit at Chennai

Smt. Nithiya. J, Programme Officer and Shri. S. Jagan Kumar, Information Officer from Puducherry ENVIS visited Envis Resource Partners, Department of Zoology (DZUM), University of Madras, Chennai and Envis Hub, Department of Environment, Government of Tamil Nadu, Envis Resource Partner (RP) on 02.12.2019 to discuss and familiarize the activities carried out by the said Centres.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.11. Release of Value Added Knowledge Products

Thiru. M. Kandasamy, Hon'ble Minister for Science, Technology and Environment released the Value Added Knowledge Products Monthly and Yearly Science Calendar, 2020 and "An Illustrative Guide Book on Plastic Ban prepared by the Envis Hub Puducherry on 31.12.2019 in the presence of Thiru. Arjun Sharma, I.A.S., Secretary (Environment) and Tmt. Smitha. R, Member Secretary, PPCC. The calendar is first of the kind having both the information on the various days related to Environment and the QR code printed on the monthly sheet can be used to download various central acts and rules published by MoEF&CC pertaining to Environment. The calendar were circulated to all the Government offices, Institutions, Schools.



அறிவியல் காலண்டர் : அமைச்சர் வெளியீடு

புதுச்சேரி, ஜன. 1
பிளாஸ்டிக் தடை குறித்த வழிகாட்டி புத்தகம், அறிவியல் மற்றும் சுற்றுச்சூழல் காலண்டரை, அமைச்சர் கந்தசாமி நேற்று வெளியிட்டார்.
புதுச்சேரியில், ஒரு முறை பயன்படுத்திவிட்டு தூக்கி எறியப்படும் பிளாஸ்டிக் பொருட்களுக்கு தடை விதிக்கப்பட்டுள்ளது. இதுதொடர்பாக, புதுச்சேரி சுற்றுச்சூழல் தகவல் மையம், புதுச்சேரி மாகக் கட்டுப்பாடு குழுமம் ஆகியவை இணைத்து, பிளாஸ்டிக் தடை குறித்த விளக்க வழிகாட்டி புத்தகத்தை தயாரித்துள்ளன.
இந்த புத்தகத்தில், மாற்றாக பயன்படுத்த வேண்டிய பொருட்களின் விபரங்களும் இடம் பெற்றுள்ளன.

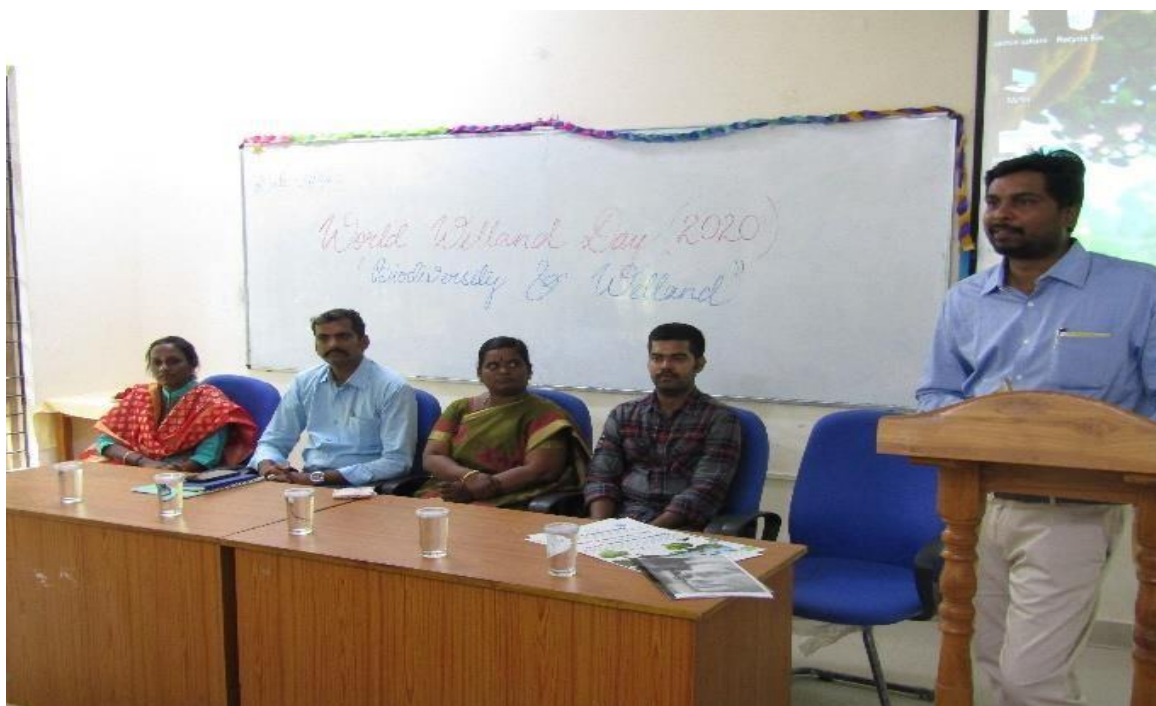


அறிவியல் மற்றும் சுற்றுச்சூழல் காலண்டரை, அமைச்சர் கந்தசாமி வெளியிட்ட, துறையின் செயலர் அர்ஜுன் ஷர்மா பெற்றுக் கொண்டார். அருகில், மாகக் கட்டுப்பாடு குழுமத்தின் உறுப்பினர் செயலர் ஸ்மித்தா, விஞ்ஞானி விபின்பாபு.
மேலும், அறிவியல், சுற்றுச்சூழல் தொடர்பான செயல்பாடுகள், நிகழ்வுகள், முக்கிய நினங்கள் தகவல் மையம் தயாரித்த விபரங்கள் அடங்கிய அறிவியல் காலண்டர் - 2020யை, சுற்றுச்சூழல் நேற்று நடத்த நிகழ்ச்சியில், வழிகாட்டி புத்தகத்தை, அறிவியல் மற்றும் தொழில்நுட்ப காலண்டரையும், அறிவியல், தொழில்நுட்பம் மற்றும் சுற்றுச்சூழல் துறை அமைச்சர் கந்தசாமி வெளியிட்ட, சுற்றுச்சூழல் துறையின் செயலர் அர்ஜுன் ஷர்மா பெற்றுக் கொண்டார்.
நிகழ்ச்சியில் புதுச்சேரி மாகக் கட்டுப்பாடு குழுமத்தின் உறுப்பினர் செயலர் ஸ்மித்தா, குழுமத்தின் விஞ்ஞானி விபின்பாபு உள்ளிட்டோர் கலந்து கொண்டனர்.
வழிகாட்டி புத்தகமும், அறிவியல் மற்றும் சுற்றுச்சூழல் காலண்டரும் கல்வி நிறுவனங்கள், அரசு அலுவலகங்கள், அரசு சாரா தொண்டு நிறுவனங்களுக்கு வழங்கப்பட்ட உள்ளது.

Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.12. World Wetlands Day Celebration, 2020

In the event of World Wetlands Day, photo release of Dr Dhruvajothi Ghosh (Engineer Ecologist) followed by a special lecture on Wetland and Biodiversity delivered by Envis Coordinator was held on 31.01.2020 at Centre for Pollution Control and Environmental Engineering, Pondicherry University, Puducherry organized by Puducherry ENVIS Hub. Finally, awareness posters and pamphlet were released.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.13. Inception Workshop on Revision of U.T. of Puducherry State Action Plan on Climate Change (SAPCC):

ENVIS Team Attended Inception Workshop on Revision of U.T. of Puducherry State Action Plan on Climate Change(SAPCC) at Hotel Sunway Manor, Puducherry on 06.01.2020 organised by Puducherry Climate Change Cell, Department of Science, Technology and Environment, Puducherry.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.14. Pre-Sensitization Meeting With The CII and Industries:

Conducted pre-sensitization meeting with the CII and industries having ETP/STP/Boiler/APCS/Laboratory on 31.01.2020 at 3.00 P.M. in the Auditorium Hall at Dr. Abdul Kalam Science Centre and Planetarium, Lawspet, Puducherry organized by Puducherry ENVIS Hub, Puducherry. The Industries were instructed to approach the ENVIS hub in case of any technical support for training in Air and Water Pollution Monitoring.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

17.15. Environmental Awareness Programme:

ENVIS Team conducted Environmental Awareness Programme in 80 schools in the U.T. of Puducherry from the month of June, 2019 to February, 2020. Around 10,000 students were participated.



Factsheet of 2019-20 on Activities of ENVIS Hub on Status of Environment & Its related issues by Puducherry Envis Hub

18. Status of existing hardware:

	Hardware item	Specification	Sanction Order with Date	Date of procurement
Procured from ENVIS Grant	Desktop-Acer-1	Intel® Corei7-2600cpu@3.40 3.40 GHZ Installed Memory-2.00 GB 32-Bit Operating system	No.11/77/2004-EI DATE:29-11-2013	04.07.2013
	Numeric-UPS-2Nos	Numeric Digital 600EX	do	15-07-2013
	Acer Laptop	TMP246 Computer Note Book, Intel Corei3	15.03.2016	18.03.2016
Procured from ENVIS Grant	Hp Laser Jet Pro MFP M128 fn	Printer Type - LaserJet; Functionality - Multi-Function (Print, Scan, Copy), Scanner type - Flatbed; Printer Output - Black & White only	No. 23/18/2017-(Pt.III) 28.12.2017	30.06.2017

19. Status of utilization of grant in previous year (2019-2020) and reasons for shortfalls, if any:

	Head of Expenditure	Sanctioned amount (₹)	Actual Expenditure (₹)	Reasons for Shortfall/ Excess (if any)
Recurring Annual	Manpower	12,78,834.48	12,65,679.00	
	Others	4,65,300.00	4,48,798.00	
	Travel	1,00,000	4719.00	
Non-Recurring (Hardware/ ISBEID/ Any Other)				
	Computer Purchase			

20. Issues/ hurdles faced in undertaking ENVIS activities:

17.1.	Non availability of infrastructures i.e., Computer, Printers, Computer accessories, Softwares, Camera, etc.,
17.2.	Data from line departments is not readily available.
17.3	Currently, Puducherry ENVIS Hub website is under the DSTE and also not in NIC platform. We need to revamp the website like other ENVIS Centres & the website shall be separate one under NIC.
17.4	Funds may be released in time for smooth running of ENVIS. Salary sanction for the newly recruited DEO post yet to be released.



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For more information visit the site:



https://dste.py.gov.in/Envispdy/Home_Envis.html