



PLANNING DEPARTMENT
ANDAMAN AND NICOBAR ADMINISTRATION

VISION 2030

&

7 – YEAR STRATEGY 2017-2024

OF

ANDAMAN AND NICOBAR

ISLANDS

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AGRICULTURE & ALLIED ACTIVITIES

Crop Husbandry

Name of the Department: - Agriculture

Name of the Sub- Sector: - Crop Husbandry

Vision upto 2030

TO END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE BY 2030

Strategy upto 2024 to reach the vision over 15 years.

Scheme No. 1

Assistance to farmers under High Yielding Programme.

Goals:

1. To double the agriculture productivity and incomes of small scale food producers.
2. To attain sustainable food production system and implement resilient agricultural practices to increase productivity and production.
3. Expansion of organic cultivation towards achieving the aim of converting these Islands as organic states.
4. Measures to avoid middle person between farmers & consumers.
5. Introduction of modern technology in the farmer's field.

Rational :

1. To attain sustainability by encouraging High Value, Low volume, Low External inputs in sustainable Agriculture (LEISA) to increase the productivity.
2. Strengthening of Marketing System.
3. Crop diversification through multi tyre cropping system.
4. To reduce the degree of perisibility and various market imperfection supply chain management.
5. To create unifies national market from Agricultural commodities through e-NAM in A&N Islands.
6. To introduce Hybrid variety paddy cultivation.
7. To compensate the farmers on crop losses.
8. Adoption on new technology to save cost and time.

Broad strategy:

1. Procurement of certified seeds, fertilizers, pesticides (both bio & chemical) etc from reputed firms of mainland and distribute among farmers of both cost & 100% transport subsidy.
2. To encourage farmers to undertake organic cultivation 50% cost subsidy & 100% transport subsidy towards the purchase of organic/ bio- fertilizers.
3. 75% subsidy will be provided on organic/ bio- pesticides.

4. Pradhan Mantri Fasal Bima Yojana has been implemented to compensate the farmers on crop losses.
5. Farm implements are distributed to farmers on subsidy basis.
6. Modern farm machineries to be procured for demonstration purposes.
7. To promote custom hiring of agriculture equipments.
8. Expand mechanization during crop season in large area.
9. Supply of modern farm machineries to small and marginal farmers.
10. Grant-in-aid will be provided to PRIs for the construction of vegetable market at various Panchayat Samities.

Scheme No. 2

Assistance provided to farmers for promotion of Horticulture crops & High Value Agriculture

Goal:

1. High value Agriculture programme shall address promotion of coconut based farming system, growing of high value fruits, flowers, spices etc.

Rational :

1. Coconut based farming system with end to end approach through improvement of existing plantation, revival of old plantation and planting of high yielding cultivars by adoption of improved/ hi tech intervention for production and value addition.
2. Eco friendly intervention such as honey bee (epic culture) and organic farming.
3. Introduction of hi tech intervention like protected cultivation, fertigation, hi density planting.
4. Post harvest management & value addition of Horti. Crops.
5. Promotion of plant protection.
6. Promotion of seasonal vegetables.
7. Promotion of hi tech structures for increasing of production of Horti. crops round the year.
8. Promote cold chain by introducing collections centre, cold storage, refer van etc to reduce transportation loss and promote direct marketing.
9. Crop diversification through multi tyre cropping system.
10. Promote food processing of coconut, fruits & vegetables for income generation.

Broad strategy:

1. Procurement of planting material from mainland and distributed to farmers on subsidy basis.
2. Construction / renovation of godowns for storage of Horticulture produce.
3. Promotion of integrated coconut processing centers.

4. Construction of Virgin Coconut Unit in Car Nicobar.
5. Installation of Solar Copra Dryer to produce quality copra.
6. Kisan Mandi will be constructed at S/Andaman & N&M Andaman to avoid middle man between farmers & seller.
7. Assistance will be provide to farmers for producing planting materials of fruits, vegetables, spices & medicinal plants in their field.
8. Development of spices nurseries in the departmental farms.
9. Crop diversification through multi tyre cropping system.
10. Up gradation of departmental horticulture farms.
11. Mass multiplication of Corcyra moth is undertaken. Corcyra eggs are collected and exposed to UV light and parasitoids are reared on it. The cocoon stage of parasitoid is released in the farmer's field free of cost. Presently three spices of trichogramma's are released from SBCL i.e T Japonicum, T Chilonis and T Brasilienis.
12. New initiative may be taken to control pest of coconut.
13. Promotion of multi tyre organic spices cultivation.

14. Promotion of indigenous minor fruits/ tropical fruits in the departmental farms and farmers field.

Scheme No 3

Training & extension programmes IT & demonstration.

Goal:

1. Transfer & technology for development of agriculture activities and envisage, induce/ communicate amongst to farmers to adopt new technologies for farming and other related matter useful to them for cultivation of different agriculture crops.

Rational :

1. To establish and maintain Knowledge Centers throughout the Islands at indentified location were both strategic and dynamic information will be available duly supported by value addition centre at head quarter.
2. Organize Kisan Mela at Block Level and State Level Exhibitions in order to judge achievement of different level and incentives provided to the farmers to encourage them further.
3. Demonstration will be conducted in the departmental farms/ farmers field to extend the know how to utilize modern farm technology in their field.
4. Deputing farmers to Inter island/ mainland study tour to make them aware of advance package of practices evolved and undertaken by the farmers of different part of the country and introduce the same in their own field.
5. Deputing extension functionaries on training at various part of the mainland.
6. Sustainable agriculture development through information technology.

Broad strategy:

1. Demonstrations will be conducted on Method demonstration, Result demonstration & Adoptive trials.
2. Participate in the State level exhibitions.
3. Kisan mela will be conducted at Block Level & District Level.
4. Training to extension functionaries.
5. Inter sate/ Inter Island study tour to mainland (farmers).
6. Various Seminars & workshop will be conducted.
7. Documentation of package & practices recommended by CIARI.

Scheme No. 4

Direction and Administration

Goal:

1. To strengthening the department of Agriculture by creating additional infrastructure facilities.

Rational :

1. Infrastructure like facilities like creation of more post, construction of new buildings, residential quarters etc at different zones/ areas.
2. Procurement of furniture, equipments, stationeries etc. for the smooth functioning of all zonal offices and directorate as a whole.

Broad strategy:

1. Necessary provision has been kept in the plan programme for construction / renovation/ reconstruction & repairs of various residential and non residential buildings established by this department.
2. Necessary furniture will be procured to provide necessary facilities to the staff for the smooth functioning of the office.

Soil Conservation

Name of the Department: - Agriculture

Name of the Sub- Sector: - Soil Conservation

Vision upto 2030.

- Construction of various Soil Conservation structures to aid in-situ moisture conservation and arrest soil erosion of the cultivable land.
- Implement integrated water resources at all levels.
- Combat and restore degraded land and soil including land affected by drought and floods.

Goals of the schemes

- Preparation of Soil Conservation plan in three district of A&N UT based on agro-climatic conditions, availability of latest technology, natural resources etc.
- Soil conservation work of water shed basis on revenue, forest, community and individual holdings.
- Systematic soil survey work, analysis of soil fertility, issue of soil health card to farmers.
- Stream bank erosion control work and proper drainage facility.

Rational:

- In coastal areas assessment of salinity and analysis report to include fertility, sodality and acid sulfate aspects of soils affected by seawater and sediment deposits.
- Coastal areas in close proximity to the sea have become permanently inundated and cannot be brought back into cultivation and areas which cannot be restored permanently and agronomical practices with establishment of mangroves will be established in coordination with Department of Environment & forest and allied department.
- Emphasizing maintenance of soil health for recovering the plant nutrient lost with each runoff.
- Extending soil testing facilities to the three districts of A & N Islands for proper use of fertilizer and reclaiming the soil.
- The farmers to be encouraged for wider adoption of appropriate eco-system-specific and cost effective technology in soil & water conservation and to utilize farmers' wisdom in various indigenous technology for ecology-specific solutions practiced in the fragile eco system in these Islands.
- Ensure budgetary allocation to carry out soil erosion control work through engineering department, authorized agencies and other bonafide stake holder in

A & N Islands to adopting contingent planning for soil conservation work and also mitigate the eventualities.

Strategy upto 2024 to reach the Vision over 15 years

- The soils which are still subjected to inundation during high tides and has caused permanent salinity adopting suitable soil conservation measures like Broad Bed Furrow System to get the area reclaimed and bench terracing, contour bund, contour trenches etc in hilly and plain lands.
- Training the soil & agriculture extension functionaries on innovative practices, cost effective methodology and through experts in field of soil & water issues.
- The judicious use of geo-textile materials for Erosion control, Drainage, Filtration, Reinforcement, Protection of earthen embankment.
- Detailed soil survey is proposed to be conducted in the farmer's field to identify the soil classification best suitable for cultivation.
- To select & adopt demonstration centers in farm's for dissemination of the latest know-how based on- farm results in soil & water conservation.
- Preparation of micro watershed project in consultation with the watershed committees, PRI's line departments and CIARI in convergence with MGNREGA.
- Issue of Soil Health Card after analyzing the nature of soil in their field
- Soil analysis for determination of soil fertility including micro nutrient.
- Saline Reclamation Work.

Stream Bank Erosion Control work including de-silting of nallah and drainage facilities

Animal Husbandry

NAME OF DEPARTMENT : ANIMAL HUSBANDRY AND VETERINARY SERVICES

NAME OF THE SUB-SECTOR : ANIMAL HUSBANDRY

VISION upto 2030:

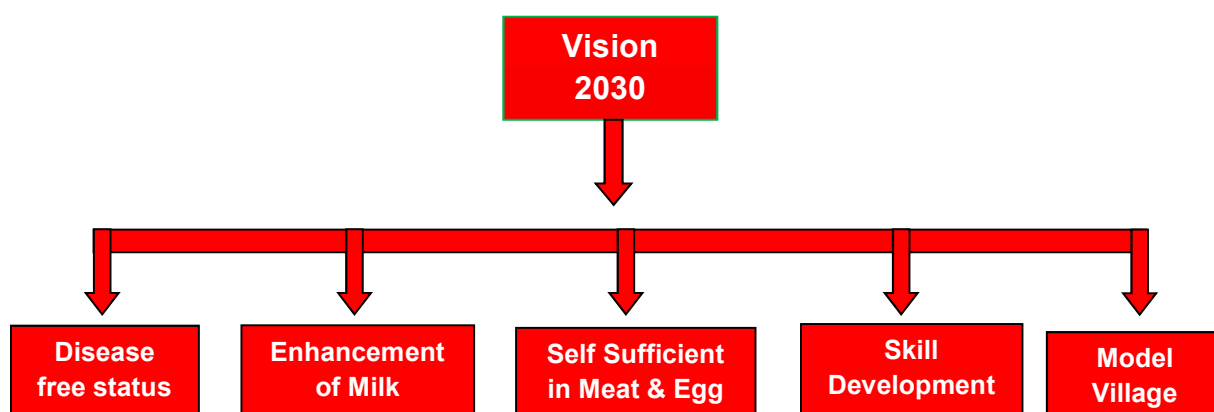
Vision Statement:

- To establish a comprehensive Veterinary Health Care System for maintaining the disease free status of A & N Islands.
- To establish livestock farms to be able to maintain demand & supply ratio of Meat and Egg and Export High value organic products.
- To augment milk production through genetic up-gradation and improving feed and fodder availability.
- To develop Human Resource through establishment of Veterinary College and skill development centres.
- Adoption of Model village in each district to showcase scope and extend of Animal Husbandry activities.

Rationale:

- To maintain the disease free status of this territory in respect of infectious and contagious diseases of livestock and poultry, measures have to be taken to prevent entry of such diseases. The entry of Animal disease will lead to economic loss. To provide legal teeth to these measures, the Prevention and Control of Infectious and Contagious Disease in Animal Act 2009 will be effectively implemented in this UT. The department also strives to improve the health status of existing livestock in order to improve productivity.
- At present, this UT is self sufficient in terms of meat and Eggs. However, with the influx of tourists and expansion of civil and Defence establishment, the demand for livestock products is expected to increase during the coming years. To be prepared to address such contingency and maintain the present balance of Demand & Supply, large units of livestock farms producing inputs to the local farmers will be established. Emphasis will be given to establish export oriented organic based farming.

- As the number of milk producing animal cannot be increased drastically, the productivity of the milch animals needs to be increased to meet the demand. The department aims to upgrade genetic potential of livestock and take steps to generate fodder all over the islands. The milk produced at village level will be procured and marketed by extending milk procurement chain. Necessary assistance for transportation to consumer market, milk procurement and marketing infrastructure including cold chain will be provided for ensuring remunerative price for the milk producer.
- The Govt. is giving emphasis for skill development. The department plans to train local youths in various animal husbandry activities with a view to encourage self employment and livestock based ventures. It is also envisage to establish Veterinary College in this Islands which will help in development human resource as well as providing assistance to veterinary health care of livestock in this UT.
- The department will adopt a village in each districts for developing it as a Model village for Dairy, Goatry and poultry so that farmers can benefit from on hand field training.



Broad Strategies (by 2024)

- Strengthening the comprehensive Veterinary Health Care System for maintenance the disease free status of A & N Islands by improving infrastructure, better diagnosis facilities, providing latest facilities for disease reporting treatment and control & establishment of 02 Veterinary Sub-Dispensary. The measures will be taken to enforce strict quarantine measures to prevent entry of livestock diseases into this Territory.

- It is expected that the requirement of milk will be 132g/day/head by the year 2024. To achieve this there is a need to increase the cattle population from 0.05 Lakhs to 0.06 Lakhs. This will be achieved through various facilities such as breed improvement through Artificial Insemination, Strengthening of market infrastructure, cold chain facility and augmenting the fodder resources etc.
- The projected requirement of eggs by 2024 will be 135 lakh (in No.) from the present level of 100 lakh (in No.). To achieve this, the department will strengthen the Backyard Poultry by providing low input high producing poultry birds and ducks by providing veterinary health care to prevent loss due to diseases, strengthening and expansion of departmental farms and hatcheries to be able to supply necessary low input variety chicks, providing training to the farmers to improve the Husbandry activities. More local youths will be encouraged to take up commercial farming in large scale by giving technological assistance.
- To increase the pig population by supplying Large Yorkshire pigs and Nicobari pigs from departmental farms and to distribute the progeny to the farmers including tribal's for genetic up-gradation of local breed. The pig population will increase from 0.03 lakh to 0.04 lakh by 2024. Local youths will be encouraged to establish **Bacon Factory** which will generate market for local pig farmers who rear small units of piggery.
- Goat population will be increased by increasing the productivity of Teressa and Malabari Goat in the departmental farms and to distribute the progeny to the farmers including tribal's for genetic up-gradation of local breed. The goat population will be increased from 0.06 lakh to 0.07 Lakh.
- Fodder development by popularising Azola cultivation, development of Grazing land in the village and supply of good quality of fodder seeds etc. will be taken up. Modern technology will be adopted to increase productivity.
- Emphasis will be given for Skill Development by training local youths in various Animal Husbandry activities with a view to encourage for establishment of self-employment and livestock based venture. Also provide technical support for setting up of private farms by availing financial assistance from bank.
- Human resource in the field of Veterinary Health care and allied sources will be generated to meet future requirements
- Model village will be established in each district. All the schemes of the department will be implemented in the village with emphasis on integrated

farming & planning to generate maximum productivity from minimum inputs. These villages will be showcased for other livestock owners so that they will be motivated.

Fisheries

15 years Vision upto 2030

- Enhance the fish production from the present 38581 tonnes to 50000 tonnes.
- Generate employment by creating adequate employment opportunities in the fisheries field and related activities.
- Improve socio economic conditions of the fishers by providing facilities through various subsidy schemes of Central Government.
- Creation of supporting infrastructure for fish landing, handling, preservation, value addition, storage, transport and marketing facilities without affecting the fragile eco system of the islands.
- Develop export related infrastructure in Andaman and Nicobar Islands for direct export.
- Encourage Deep Sea fishing to tap tuna resources.
- Encourage Mechanized fishing for generating more employment.
- Encourage seafood based activities to generate employment to local people.
- Encourage tourism based fisheries activities.

Strategy up to 2024 to reach the Vision over 15 years

- Creation of infrastructure such as Fish Landing Centres, Ice Plant and Cold Storages, Modern Fish Markets etc.
- Facilitate deep sea fishing by establishing fishing Harbour in the islands.
- Creating awareness and training programmes in all villages of the Islands.

- Promoting culture fisheries including Pearl Culture for generating employment.
- Establishment of a Fish Seed Farm at Basantipur in Middle Andaman.
- Tie up with the Industries and other related departments to set up facilities for export of fish.
- Increasing the number of fishing boats by establishing boat building yards at Port Blair.
- Encouraging mechanized fishing through subsidy.
- Generate more employment avenues to local people in Fisheries and allied sector.
- Encourage Adventure sport fishing for tourism activities.
- Motivate tribals for undertaking commercial fishing and product development.
- Strengthening of the Department of Fisheries through revival of the existing technical posts.
- Encourage online activities in the department so that people can avail services from home.

Action Plan 2017 – 2020 is annexed herewith.

Cooperation

NAME OF THE DEPARTMENT: COOPERATIVE DEPARTMENT

NAME OF THE SUB-SECTOR: COOPERATION

Vision upto 2030

The Cooperative department envisions to register 975 numbers of more cooperative societies (@ average 75 Cooperative societies per year) by 2030 which will create self employment opportunities particularly for the educated unemployed youths, women, differently-abled persons and tribal's of A & N Islands for all round development of the Islands.

The department also envisage computerizing all Primary Agricultural Credit Cooperative Societies (PACS) of A & N Islands in collaboration with NABARD and GOI for bringing transparency and uniformity in the working of the credit cooperative societies.

07 years Strategy upto 2024

1. Encourage the unemployed youths/women/weaker section of the community to form more and more Cooperative societies thereby creating self employment by giving wide publicity through different media.
2. To bring technology innovation by computerisation of (PACS) with the assistance of NABARD and GOI and this will facilitate Common Accounting System and Management Information System.
3. Implementations of different financial assistances like Govt. Share Capital for strengthening Capital base and Managerial Subsidy/ Reimbursement of establishment charges to PACS to cope up the cost incurred on payment of salary/wages to the Managers and also to meet the establishment cost of PACS for its revival and sustainable growth.

RURAL DEVELOPMENT

Name of the Department Revenue

Name of the Sub Sector Land Reforms and Consolidation of Survey & Settlement- Strengthening of District Administration

Vision upto 2030

Construction of Land Records of all the three Districts for 209 notified revenue villages is the mandate of the Survey & Settlement Wing. Initially, in the entire UT, there prevailed only one Deputy Commissioner stationed at Port Blair who was responsible to Chief Commissioner.

The District of Andaman and Nicobar was bifurcated resulting in creation of *District of Andaman* and *District of Nicobar* in the year 1974. Subsequently the District of Andaman was further bifurcated into *South Andaman District* and *North & Middle Andaman District*.

Although the Survey & Settlement Wing has jurisdiction overall the 209 revenue villages scattered over the three Districts, the Survey & Settlement Wing is a part of District Office, South Andaman District with the DC(S/A) as the Head of the Department and the AC(Settlement) as the Head of Office.

As per the A&N Islands, the Land Revenue and Land Reforms Regulation, 1966, the records of all the revenue villages have to be surveyed and finalized in every 30 years. The records of rural areas of Ferrargunj and Port Blair Tehsil were prepared during 1961-62. In the case of Port Blair Municipal area, the records in operation are the provisional records prepared in the year 1961. In the case of Little Andaman Tehsil, the records were prepared in the year 1989. Further the records prepared in respect of Middle & North Andaman District consisting of three tehsils having total villages of 99 were finalized during the year 1973-75 which is also due for Revenue Survey.

The finalization of records in all 09 Tehsils except Little Andaman is, thus, long overdue. The finalization of records will enable in creation of updated land records making it easier to work with. It is all the more necessary to conduct these operations so as to minimize the disputes, smooth functioning of land related activities and computerization of Land Records.

The survey and settlement operations are to be carried out as per the provisions contained in the Regulation. The present strength of Technical Staff posted in the Settlement wing consists of 44 surveyors, 15 Surveyor & Draftsman, 01 Revenue Draftsman(Drawing), 01 Revenue Draftsman(computing) 04 Draftsman and 02 computers(Total 76) out of the above strength 04 S&D's and 15 surveyors are posted at various tehsil for day to day works and almost all remaining staffs are utilized for survey works arising in different part of Islands and also engaged for official works such as Computerization of land records, Court cases and forest boundary matters etc.

Due to acute shortage of technical staff the re-survey works of A&N Islands and revenue survey of 19 De reserved blocks in South/Middle & Andaman Districts are pending and which needs to be addressed urgently.

Further it may be noted that a PIL has been filed by the Islands Protection Forum for finalization of Revenue records wherever due and the case is under trial in Hon'ble Court.

VISION & MISSION

The Settlement Wing is a part of the District Administration of South Andaman District. It was a long felt demand that the control of Survey & Settlement Wing should not be under any particular Deputy Commissioner but that of the Commissioner-cum-Secretary(Revenue) who has been notified as Settlement Commissioner.

In the light of above context, it is proposed to segregate the Survey & Settlement Wing from the control of Deputy Commissioner and bring under the

direct control of Commissioner-cum-Secretary(Revenue). The said proposal essentially requires change of Head of the Department by appointing an Officer junior to Commissioner-cum-Secretary(Revenue). It would not be advisable to have a Senior Officer of the rank of limitation as notified by GOI regarding ban on creation of post, the only sustainable alternative is the give addition charge of HoD to any appropriate officer of the Administration. Having done so the nomenclature of Survey and Settlement wing could be suitably changed as Directorate of Survey and Settlement wing or Directorate of Land Records.

The duties and functions of the said HoD would be that of a HoD as prescribed in CCS rules and other relevant rules. However, such an Officer shall not be a Revenue Officer as prescribed in Section 3 of Andaman and Nicobar Islands Land Revenue and Land Reforms Regulation 1966, which spells out the hierarchy of Revenue Officers. This is due to reason that during Revenue survey, the Settlement Officer reports to Settlement Commissioner who is appellate authority. The Assistant Commissioner Settlement has been notified as Settlement Officers and there are no notified Revenue Officers between Settlement Officer and Settlement Commissioner.

With the limited existing survey Settlement Staffs the department has started the Revenue Survey work at Ferrargunj Tehsil in year 2013 and the survey of the following villages has completed and the preparation of records under the provisions of LR & LRR 1966 is under process.

1. Manjeri
2. Maymyo
3. Hasmatabad
4. Humphrygunj
5. Balughat

The department proposes to complete the revenue survey of villages under Ferrargunj Tehsil in the following manner.

Sl.No.	Name of villages	Year of completion
1.	1. Nayashare	2016
2.	1.wandoor 2.Dhannikhari 3.Chouldari 4.Flat Bay	2017
3.	1. Craikabad 2. Badmashpahar 3. Port Mout 4. Muslim Basti	2018
4.	1. Ograbraj 2. Tushnabad 3. Hobdypur 4. Manpur	2019
5.	1. Collinpur 2. MohwaDera 3. Herbertabad 4. Tirur	2020
6.	1. Templemyo 2. Aniket 3.Caddlegunj 4. Ferrargunj	2021
7.	1. Mile Tilak 2. Jirkatang 3. Bindraban 4. Namunaghar	2022
8.	1. Mithakhari 2. Dundaspoint 3. Viper Island 4. Mathura	2023
9.	1. Alipur 2. Kadakachang 3. Wimberlygunj 4. Mannarghat	2024
10.	1. Malapuram 2. Wright Myo 3. Kalatang	2025

	4. Shoal Bay	
11	1. Kanyapuram 2. Stewertgunj 3. Govindpuram 4. Bamboo Flat	2026
12	1. Shore Point 2. Hope Town 3. North Bay	2027

Further, out of 19 De-reserved blocks, all of them are surveyed in the year 2004 and survey map alongwith land register have prepared. The preparation of records under chapter VIII of regulation is to be done in the following manner.

Sl.No.	Name of villages	Year of completion
1.	1.Paschimsagar 2.Maccaphar 3.Kodiyaghat	2018
2.	1. Indira Nagar 2. Ganesh Nagar 3. Shanti Nagar 4. Gandhi Nagar	2019
3.	1. Part of Karmatang 2. Part of Webi 3. Part of Tugapur 4. West of Karmatang	2020
4.	1. Part of Chainpur 2. Part of Pahalgoan 3. Part of Pudumadurai 4. East of Karmatang	2021
5.	1. Part of Roglachang 2. Part of Nayaghar 3. Part of South Creek	2022

	4. Part of Dukenagar	
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The main bottle neck of conducting revenue survey and finalization of records is the shortage of staff in the department. Under such circumstances, outsourcing manual survey operation appears only to be visible solution for which steps shall be taken considering past experience.

Strategy upto 2024 to reach the Vision over 15 years

7 Years Strategy Plan i.e. from 2017-18 to 2023-24

To achieve the vision into implementing policy, the Department has devised 7Years Strategy Plan which is described below.

- Land Reforms and Consolidation of Survey & Settlement- Strengthening of District Administration.
- Removal of all encroachments.
- Computerisation of all land records and its up dation.
- Resurvey of all Tehsils.
- Creation of New Tehsils at Havelock & Sippighat.
- Creation of sub division at Ferrargunj, Neil Havelock and Little Andaman.
- Creation of Posts.
- Development of Infrastructure
- Procurement of Vehicles on replacement
- Conducting National Functions
- Filling up of the vacant posts.
- All certificates will be issued through E corner
- Providing of Two wheelers to all Patwari's.

Panchayat

Name of Department : ***Directorate of RD, PRI***

Name of the Sub-sector : *Panchayat*

VISION – 2030

Panchayat: To enhance capabilities of Panchayats for good local governance; and democratic decision making and promote people's participation. To encourage rural population participate in the RD Programmes for their socio-economic growth.

Roads & Bridges: Promotion of connectivity in the villages by construction, regular maintenance, improvement and widening and up-gradation of rural roads, bridges/culverts.

Water Supply & Sanitation: Management and development of water resources sustainably to meet future demands and adequate supply of safe drinking water; improvement of sanitation facilities in rural areas & Tourist places and promotion of cleanliness, hygiene & ODF.

Minor Irrigation: Utilization and management of existing water source/ ground water and construction of recharge structures.

Education: Ensuring inclusive and quality education and promoting learning opportunities for rural students.

Rural Development: Providing rural infrastructure and socio-economic growth opportunities for the poor people in rural areas through MGNREGA, PMAY-G, SBM-G & DAY-NRLM schemes. Empowering rural population to participate in rural development programmes such as Pradhan Mantri Awaas Yojana, NRLM etc. for improving their quality of life. Providing opportunity for rural livelihood through various schemes launched by the Govt. of India. Bring about an improvement in the general quality of life in the rural areas, by promoting cleanliness, hygiene and eliminating open defecation.

Seven years Strategy Plan from 2017-18 to 2023-24

Panchayat: Strengthening the institutional structure and capacity building; Innovation of income generating methods by the PRIs; Proper utilization of funds and functionaries; Implementation of CSS like Rashtriya Gram Swaraj Abhiyan (RGSA); Promote e-Panchayat; and trainings and exposure visits to PRI members; conducting regular gram sabha and special gram sabhas. Implementation of various schemes/Programmes; providing 100 days of guaranteed wage employment every year.

Roads & Bridges: Prioritizing the construction/repair/maintenance of roads/culverts/bridges in different areas with reasonable population and following standard construction technology.

Water Supply & Sanitation: Establishment of Drinking Water Management Project; improved water supply and sanitation services; laying of new pipe lines; take up Hygiene and Sanitation and implement Sanitation programmes in rural areas & Tourist places.

Minor Irrigation: Construction/renovation of ring wells, check dams, dykes, canals, bore wells etc.; encouraging rain water harvesting in rural areas.

Education: Establishing VKVs, providing learning materials, providing modern equipments and smart classes and adequate financial support.

Rural Development: To alleviate poverty through self-employment programmes; to strengthen the livelihood of the rural households by providing 100 days of guaranteed wage employment every year; to remove barriers in the development of basic amenities and to improve rural sanitation through Individual Household Latrines, Community Sanitary Complex and Solid Liquid Waste Management.

Sub-Sector: GIA–**General** (Developmental Works)

VISION UPTO 2030

- a) Creation of basic infrastructures in rural areas
- b) To bring the rural areas in to tourism map of A & N Islands
- c) Scientific management of garbage in the rural areas.
- d) Strengthening of the existing Administrative setup of Zilla Parishad.

7 YEARS STRATEGY UPTO 2024

South Andaman

Sl. No.	Item/Particulars	Unit	7 yrs 2017-18 to 2023-24			Remarks
			SA	Nic	Total	
	<u>Creation of assets</u>					
1	C/o Youth Club to at each Gram Panchayat	Nos	18	3	21	There are 33 GPs, 4 PS and 1 ZP in SA District, hence, the proposed work will be taken up as prioritized and proposed by respective PRIs based on public demand
2	C/o Mahila Mandal at Namunaghat, Guptapara, Kanyapuram, Tushnabad, Collinpur, Calicut, Beodnabad, Havelock, Neil Island, C/Bay, Laxminagar	Nos	10	2	12	
3	C/o Anganwadi Centre at Tushnabad, C/Bay, Govindnagar, Collinpur, Calicut, Namunaghar	Nos	10	02	12	
4	Establishment of Gym with equipment's at Tushnabad, Guptapara, Kanyapuram, Campbell Bay, Hut Bay	Nos	7	2	9	
5	C/o Children's park at C/Bay, Neil Island, Havelock, Guptapara, Brindraban, Mithakhari, Namunaghar.	Nos	10	1	11	
6	C/o Playground at Ferrargunj, Shoal Bay, Hut Bay, C/Bay, Guptapara, Shoalbay, Mannarghat.	Nos	10	2	12	
7	C/o Shopping Complex at C/Bay, R.K. Pur, Ferrargunj, Brindaban, Guptapara, Bambooflat, Shorepoint, Havelock, Neil Island	Nos	10	2	12	
8	C/o Panchayat Market at Wandoor, Humfrygunj, Ferrargunj, Namunaghat, Mithakhari, Campbell Bay	Nos	10	3	13	
9	C/o Vegetable Market at Shoal Bay, Wandoor, Humfregunj, Neil Island, Havelock, Guptapara, Namunaghar, Hut Bay.	Nos	10	2	12	

10	C/o Fish Market at Hopetown, Wandoor, Tushnabad, Guptapara, Beodnabad	Nos	5	1	6
11	C/o Culvert to at each Gram Panchayat	Nos	6	1	7
12	C/o Bathing Complex at Havelock, Neil Island, Collinpur, Hopetown, Beodnabad, Shoalbay	Nos	30	3	33
13	C/o Public toilet & bath room at Havelock, Neil Island, Collinpur, Hopetown, Beodnabad, Shoalbay	Nos	6	1	7
14	C/o Community Hall/Multipurpose Hall at Guptapara, Namunaghar, Shoal Bay, Wimberlygunj, Bambooflat, Ferrargunj	Nos	8	2	10
15	C/o Mini Stadium at Tushnabad, C/Bay, V.K. Pur,	Nos	6	3	9
16	C/o Graveyard shed for Hindu/Muslim/Christian at Guptapara, Shoal Bay, Stewartgunj, Tushnabad, Beodnabad	Nos	8	2	10
17	C/o Purchasing of Mortuary van at Havelock, Little Andaman, Neil Island	Nos	6	2	8
18	C/o Cattle pond at Tushnabad, Shoal Bay, Mithakhari, Chouldari, Calicut, Sippighat	Nos	10	2	12
19	C/o Bus Stops to at each Gram Panchayat	Nos	25	8	33
20	C/o CC Footpath to all the Gram Panchayat	KMs	25	8	33
21	C/o CC Drain to at each Gram Panchayat	KMs	10	5	15
22	C/o CC Road to at each Gram Panchayat	KMs	12	5	17
23	C/o Toe wall and Retaining wall at each Gram Panchayat	KMs	6	2	8
24	Repair & maintenance of CC Footpath all the Gram Panchayat	KMs	10	3	13
25	Repair & maintenance of CC Road all the Gram Panchayat	KMs	10	3	13
26	Repair & maintenance of Retaining wall all the Gram Panchayat	KMs	10	3	13

27	Repair & maintenance of Bus Stand all the Gram Panchayat	Nos	30	3	33
28	Repair & maintenance of Community Hall all the Gram Panchayat	Nos	30	3	33
29	C/o Guest at North Bay	Nos	1	-	1
30	C/o Eco-friendly Hut at Neil, Havelock Islands & S/Bay 19	Nos	3	-	3
31	Dev. Of Water Sports at Sippighat	No	1	-	1
32	Dev. Of Kalatang water falls into a tourist spot.	No	1	-	1
33	Installation of Solar energy at Zilla Bhawan & Niwas	Nos	2	-	2
34	Provision towards rain water harvesting at Zilla Bhawan & Niwas	Nos	2	-	2
35	Strengthening of Administrative infrastructure by creation of 150 posts of various category				
	Group – A	Nos	1	-	1
	Group - B	Nos	30	-	30
	Group – C	Nos	119	-	119
	<u>Solid Waste Management</u>				
1	C/o Garbage disposal pit at C/Bay, L/Andaman, F/gunj, H/lock	Nos	06	01	07
2	C/o Dumping yard at Wandoor, Hopetown, Little Andaman	Nos.	06	01	07
3	C/o Incinerator plant at C/Bay, Hut Bay, Ferrargunj, Bambooflat, Tushnabad, Chouldari.	Nos	2	2	2
4	C/o road for dumping yard at Wandoor, Hopetown, Little Andaman.	KMs	6	1	7

5	C/o fencing for dumping yard at Shorepoint, Neil Island, C/Bay, H/Lock, Wandoor, Collinpur, Hopetown, Little Andaman	Mtrs	800	100	900
6	Transportation of wastage from various places to dumping yard	Trip	22700	2500	25200

N&M Andaman

Sl. No.	Items/ Particulars	Unit	07 Years Strategy 2017-18 to 2023-24
1.	Construction of Cement Concrete Footpaths.	Kms.	90
2.	Construction of Retaining Walls/protection walls	Mtrs.	25000
3.	Repair and maintenance of CC Footpaths	Kms.	57
4.	Construction of Community Halls	Nos.	25
5.	Repair and maintenance of Community Halls.	Nos.	19
6.	Construction of Cement Concrete Drain	Mtrs.	8000
7.	Construction of Children Park	Nos.	15
8.	Development of Graveyards	Nos.	07
9.	Construction of Shopping Complex	Nos.	35
10.	Development of Playgrounds	Nos.	15
11.	Construction and maintenance of Toilet Blocks (ZP & PS)	Nos.	35
12.	Construction of Kitchen Sheds for Community Halls.	Nos.	12
13.	Procurement and maintenance of Mortuary van for Panchayat Samities.	Nos.	03
14.	Procurement of Pick-up van for garbage disposal for all Gram Panchayats.	Nos.	37

15.	Procurement of Laptops for Adhyaksh, Up-Adhyaksh, Zilla Parishad Members, Pramukhs and Pradhans for utilising in public services.	Nos.	57
16.	Construction of Solid Waste Management unit in 3 Tehsils.	Nos.	03
17.	Installation of Solar Energy and Water Harvesting in all Offices of PRIs.	Nos.	44 each.
18.	Tourism development in North & Middle Andaman by constructing eco-huts & maintain/ develops sea beaches as recommended by the previous District Planning Committee meeting.	Nos.	08
19.	Organising District Planning Committee & other meetings of Zilla Parishad, Panchayat Samiti & Gram Panchayats.	Nos.	20
20.	Hiring of vehicles for the Office.	Nos.	15

RURAL DEVELOPMENT

Name of the Department: *Directorate of RD, PRIs & ULBs*

Name of Sub-Sector: **Other Rural Development Programmes**

Vision upto 2030

- Empowering rural population to participate in rural development programmes such as Pradhan Mantri Awaas Yojana, NRLM etc. for improving their quality of life
- Providing rural infrastructure and socio-economic growth opportunities for the poor people in rural areas through MGNREGA, PMGSY, SBM-G schemes.
- Accountable and Efficient functioning of Panchayat Raj Institutions by strengthening them.
- Providing opportunity for rural livelihood through various schemes launched by the Govt. of India.
- Bring about an improvement in the general quality of life in the rural areas, by promoting cleanliness, hygiene and eliminating open defecation.
- Poverty Free Gram Panchayat. Government of India aimed to make 50,000 Gram Panchayats “poverty free” in next year.

With a view to have effective supervision, monitoring, and implementation of poverty alleviation, programmes and other Rural Development Programme being implemented in A & N Islands, the Directorate of Rural Development started functioning from November, 1983. The poverty alleviation schemes are being funded fully by the Government of India as the Schemes are being treated as **Centrally Sponsored Schemes**. The schemes are implemented in accordance with the instructions received from the Govt. of India from time to time. The poverty alleviation schemes are very important for reducing the disparity in the society and improving the living condition of the people living below poverty line.

IRRIGATION AND FLOOD CONTROL

Name of the Department: - Agriculture

Name of the Sub- Sector: - Minor Irrigation

Vision upto 2030:

- Enhance the physical access of water on the farm and expand cultivable area under assured Irrigation (HAR KHET KO PANI). Enhance the adoption precision –Irrigation and other water saving technologies (More crop per drop).

Goals of the schemes:

- Minor irrigation projects, community water resources assets at village level and individual water harvesting at farm level support with water conveyance system.

Rational:

- Enhance availability and sustainable management of water.
- Implement integrated water source resources at all levels.
- Combat desertification, restore degraded land and soil including land affected by desertification, drought and floods and strive to achieve a land degradation neutral world.

Strategy upto 2024 to reach the Vision over 15 years.

- Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.
- Increase gross irrigated area.
- Bridging the gap between irrigation potential & utilization.
- Enhance water use efficiency & management.
- Creating/ Strengthening Water distribution network.

NAME OF DEPARTMENT : ANDAMAN PUBLIC WORKS DEPARTMENT

NAME OF SECTOR : MINOR IRRIGATION & FLOOD CONTROL

VISION UP TO 2030

Statement

- Prevent coastal erosion in vulnerable areas of island.
- Promote surface Rain water harvesting to encourage irrigation during rain deficient period.
- Reclaim inundated land for agriculture purpose.

Rational

- Changed coastal topography after Tsunami and weather condition has made much coastal area vulnerable for erosion leading to loss of precious land in many parts of island.
- Surface harvesting will save precious water for irrigational purpose during summer which otherwise drained to sea.
- Reclamation is best method to add land in islands.

Strategy upto 2024 to reach the Vision over 15 years

- Construction of 10,000 meter coastal protection structures
- C/o Korang Nallah Scheme in North Middle Andaman
- C/o Sluice gate across major coastal drainage area.

Consequent on the formulation of the 73rd constitutional amendment and the formation of the three tier Panchayati Raj set up in this UT, the blocks have to implement the Poverty Alleviation Programmes in co-ordination with

the PRIs. It was decided by the Administration regarding formation of Blocks in consonance with the Panchayat Samities.

The Directorate of RD, PRIs & ULB being the Nodal Department at State level has to enforce close supervision, coordination and monitoring for effective implementation of the programme/ Centrally Sponsored Schemes being implemented in this UT. The scheme “strengthening of the Directorate of Rural Development and block level Administration” is constituted with the above objectives.

Strategy upto 2024 to reach the Vision over 15 years

- a) To alleviate poverty through Self–Employment Programmes.
- b) To strengthen the livelihood of the rural households by providing 100 days of guaranteed wage employment every year.
- c) To create qualitative and durable rural infrastructure within the time schedule paving way for meeting the requirements of the rural beneficiaries.
- d) To empower the Panchayat Raj Institutions
- e) To improve the quality of service delivery of the Gram Panchayats in the priorities of the local areas and effective management of public resources
- f) To develop vibrant village communities with an in depth and sustainable knowledge of integrated rural development.
- g) To create awareness about Solar energy and to disseminate the innovative technology.
- h) To remove barriers in the development of basic amenities.
- i) To improve rural sanitation through Individual Household Latrines, Community Sanitary Complex and Solid Liquid Waste Management.
- j) To ensure transparency in administration.
- k) To improve Convergence `
- l) To train about Information, Education and Communication Scheme
- m) To provide IT initiatives / Space Technology.
- n) To provide manpower
- o) To improve infrastructure

Name of Department : Panchayati Raj Institution

Name of Sub - Sector : MINOR IRRIGATION

VISION UPTO 2030

a) To augment irrigation facilities in rural areas

7 YEARS STRATEGY UPTO 2024

South Andaman

Sl. No.	Item/Particulars	Unit	7 years 2017-18 to 2023-24			Remarks
			South Andaman	Nicobar (Rev. are of Campbell)	Total	
1.	Construction check dam (Laxminagar, Mannarghat, Namunaghar, Mithakhari, Guptapara, Wandoor,	Nos.	7	1	8	There are 33 GPs, 4 PS and 1 ZP in SA District, hence, the proposed work will be taken up as prioritize and proposed by respective PRIs based on public demand
2.	Construction of M.I Pond (Laxminagar, Mannarghat, Namunaghar, Mithakhari, Guptapara, Wandoor, Humfrygunj, Chouldari, Ferrargunj, Neil Island,	Nos.	40	5	45	
3.	C/o. Earthen Bund (C/Bay, Brindabad, Sippighat, Chouldari, Hut Bay, Ferrargunj, Bambooflat etc)	Nos.	9	1	10	
4.	Desilting of Nallah (Laxminagar, Mannarghat, Namunaghar, Mithakhari, Guptapara, Wandoor, Humfrygunj, Chouldari, Ferrargunj, Neil Island, H/Lock, Calicut, Brindraban, Beodnabad, Sippighat)	Nos.	13	2	15	
5.	C/o. R.C.C. Ring Well to all Gram Panchayat	Nos.	63	7	70	

N&M Andaman

5. MINOR IRRIGATION:

S.No	Item/Particulars	Unit	07 Years Strategy 2017- 18 to 2023-24
1	Construction of Check Dam/ Weirs for irrigation.	No.	37
2	Construction of Ring Wells in different places for irrigation.	No.	45
3	Repair & Renovation of Ring Wells for irrigation.	No.	48

ENERGY

Name of the Department: ELECTRICITY

Name of the Sub-Sector: POWER & NRSE

Vision upto 2030:

- Provide Access to quality, reliable and un-interrupted power supply for all islanders and electrification of 100% house holds in A&N Islands in order to achieve Ministry of Power's policy objective of "Access, availability and affordability of power for all" and ensuring un-interrupted 24x7 power supply for all residents of A&N Islands is on top priority of the department.
- In order to reduce consumption of high cost fossil fuels i.e. HSD, the power department is bound to encourage optimum utilization of renewable energy sources such as Solar, Wind, Tidal, Biomass etc. for power generation in these Islands so as to minimize the air pollution as well as further protection of environment to ensure quality life of people in A&N Islands.
- The Electricity Department, A&N Administration is providing round the clock power supply in all major islands to about 1.30 lakh consumers with 113.72 MW of installed capacity and an annual generation of 310 MU to meet a peak demand of 59 MW.

The department also functions as a Nodal Agency of the Ministry of New & Renewable Energy Sources for implementing Renewable Energy programmes. It is also designated as an agency of Bureau of Energy Efficiency, GOI for implementation of Energy Efficiency and Conservation Programme. The Administration being highly concerned on the costly diesel based power generation (Rs.18.88 per unit) has taken the initiative to switch over to other

clean and environmental friendly sources of energy for power generation especially through Renewable and Conventional sector as a back-up.

Strategy upto 2024 to reach the Vision over 15 years:-

1. Strengthening of T&D system, consumer indexing, asset mapping and modernization of distribution sub-stations:-

The objectives of the distribution plan, in accordance with the 24X7 Power for All (PFA) objectives, includes the following:

- a) Making provisions for 24X7 supply to all connected consumers through capacity augmentations and building redundancies in network for improving reliability of supply and connecting the unconnected;
- b) Provision of 24X7 supply to cater to increase in demand from existing consumers and owing to new consumer growth in the UT;
- c) Making system improvements for reducing AT&C losses in accordance with the targets agreed with MoP; and
- d) Adopting appropriate technologies and systems to support RE integration and EE/DSM measures in the State

The strengthening of the systems will be taken up under DDUGJY & IPDS schemes of MOP for reduction of AT&C Losses to the optimum level by the year 2027 by introducing improved technology, reliable and automated systems for sustained collection of accurate base line data and adoption of more efficient design and method of transmission, transformation, distribution and sale of electrical energy.

2. Increase Renewable Energy Deployment in A&N Islands:-

- Promotion of Green Energy by tapping potential of various Renewable energy sources such as Solar, Wind, Biomass, Tidal, Ocean etc. in A&N Islands for power. To achieve the Renewable Energy deployment in these islands, forming of ANREDA has been approved by A&N Administration & registered.
- Out of the total generating capacity of 113.72 MW, the Diesel based generation is around 102.26 MW, Hydro based generation is around 5.25 MW and Solar PV generation is about 6.21 MWp.
- At present, the renewable energy requirement of the union territory is met by 5.25 MW of Hydro based generation and 5.05 MW of Solar PV Generation which translates to 10% of energy requirement through renewable energy sources, EDA&N, is also procuring renewable energy from other sources to fulfill its RPO obligations.
- A&N Administration has lined up various programmes with the objective to provide affordable, reliable, sustainable and modern energy 24x7 Power for All under SDGs.
- Further, as part of the 175 GW plan for RE power by 2022, MNRE has set a target of 100 MW of solar power for Andaman and Nicobar by 2022.

Accretion of 100 MW of Solar Power Generation

MOU has been signed with CPSUs viz. NTPC, NLC & REIL for establishment of Solar PV Plants under 100 MW Solar Park sanctioned by MNRE.

Approx., 233.6167 Hectare of land have been allotted in favour of Electricity Department for establishment of Solar Power Plants at various locations.

Sl. No.	Location	Implementing Agency	MW	Year of completion
	South Andaman			

1	Attam Pahad	NLC	10	2018-19
2	Dollygunj	NLC	10	2018-19
3	Mithakhari	NLC	20	2020-21
4	Chidiyatapu	NTPC	8	2018-19
5	Mangultan	NTPC	17	2018-19
6	Havelock	REIL	1	2018-19
7	Neil	REIL	1	2018-19
8	Little Andaman	REIL	2	2020-21
North & Middle Andaman				
1	Kishorinagar	NLC	15.0	2020-21
2	Kalasi	NLC	8.0	2020-21
3	Long Island	-	0.2	2021-22
Nicobar District				
1	Car Nicobar	-	1.5	2021-22
2	Campbell Bay	-	3.0	
3	Chowra	-	0.25	
4	Teressa	-	0.25	
5	Katchal	-	0.5	
6	Champin	-	0.25	
7	Kamorta	-	0.5	

Establishment of Roof Top Solar Power Plant:

Installation of 1 MWp Rooftop Solar through Solar Energy Corporation of India (SECI) has been completed in the following 13 Govt. Buildings and all are in operation.

Sl. No.	Building	Capacity (KWp)
1.	Netaji Stadium	93
2.	Secretariat	27.9
3.	Police S.P.Office	58.28

4.	Police Head Quarter	27.9
5.	Aberdeen Police Station	27.9
6.	Bus Terminal	55.8
7.	Zilla Parishad	60.14
8.	Marine Dockyard	174.84
9.	Marine Store & Parking	55.8
10.	Marine fitting shop	83.7
11.	PBMC	109.12
12.	DBRAIT	89.28
13.	Electricity HQ Office	18.6
14.	Science Center	55.8
15.	Fisheries Emporium	62
	Total:	1000.06

SECI has finalized tender for 5.8 MW Roof top Solar Project in left over Govt. Buildings. The representative of SECI has inspected 20 Govt. Buildings out of 69 Projected Govt. Buildings.

Tender has been floated for inviting developers / manufacturers of GCRT for installation of 1 KW to a maximum of 10 KW (Aggregating to 2 MW) Rooftop Solar to private residential buildings/community, institutional and Non commercial establishments with 70% CFA on the benchmark cost fixed by MNRE through ANREDA.

Simultaneously encourage pilot projects for niche technologies like “Tidal Power”.

A DPR has been submitted by M/s Seafaradays Energy Pvt. Ltd., New Delhi for establishment of 1.125 MW Tidal Wave Energy Project under “Research, Design, Development & Demonstration (RDD&D)” scheme of MNRE at Hut Bay, A&N Islands on pilot project basis.

3. Conventional Energy Plants for Backup:-

However considering the intermittent nature of RE technologies, the existing diesel sets or any other source like LNG would be required for stability of the grid and some of the balancing source of generation should also be viable as a backup

during cloudy/rainy season. In view of this a proposal of establishment of 30 MW LNG Based Power Plant at South Andaman as a Joint Venture with M/s Petronet LNG Ltd is under process as pollution free and environmental friendly project as a long term measure. Further, the proposed 30 MW LNG plant would help in reducing the diesel consumption by meeting the demand of South Andaman district through cleaner and cheaper fuel like LNG.

Revamping of existing 15 MW Diesel Power Plant at Chatham Island, South Andaman with a Dual-Fuel Efficient Diesel Hybrid Power Plant of under the grant-in-aid from “Japan International Corporation Agency”, Official Development Assistance Scheme.

4. Promotion and wider dissemination of Energy Efficient Appliances and Devices for Energy Conservation:-

- Implementation of roof top solar power generation for larger establishment for making use of solar system and other means for Energy Conservation mandatory under Section 18 of Energy Conservation.

INDUSTRIES & MINERALS

Village & Small Industries

Directorate of Industries

15 YEARS VISION UP TO 2030 A&N ISLANDS

- The Industries Department is committed to ensure accelerated Industrial Development, Catalyze Economic Growth, ensure balanced Regional Growth, protect Environment and above all create sustainable Employment to local youth of the Territory. The Administration Strives to achieve overall economic growth of the Islands through accelerated Industrial Development. The Department focuses on the creation of sustainable employment opportunities for the people of the territory.
- The Vision of the Industries Department is to promote growth and development of Micro, Small and Medium Enterprises, including Tourism, Food Processing (Coconut & Marine based), IT based and Market/ Need based Industry, in cooperation with concerned Ministries / Departments, and other stakeholders by providing support to existing enterprises and encouraging creation of new enterprises. Our avowed mission is to remove roadblocks that prevent the establishment and growth of MSME sector whether the roadblocks are internal or external for enhancement of their contribution to the GDP, manufacturing output, employment and exports.
- To facilitate credit flow to MSMEs, improving competitiveness of MSME and promoting/marketing of Andaman & Nicobar products to encourage local entrepreneurs/artisans and promote value addition in existing products/items and to introduce new innovative products using the locally available resources/raw materials.
- Overall vision is to boost economic activities in these Islands and augment productive capacities, both of human resources and the other natural resources locally available.

7 YEARS STRATEGY FOR 2017-18 TO 2023-24

ENTREPRENEURSHIP DEVELOPMENT AND SKILL UP GRADATION

- Inclusion of Tourism, Hospitality, Food Processing, Shipping Trade and market/ need based training in Skill Development Initiative and upgrading of existing facility to provide skill manpower to Industries.
- Conduct/organize product/ design development for handicrafts (wood /cane & bamboo/ coir products/ shell craft) in association with National Institution of Design, Ministry of Commerce & Industries, Govt. of India and **Branding of “Made in Andaman”/ BRANDAMAN** to bring visibility to our products and to get better price for the locally made products for providing livelihood to the local artisans.
- Conduct survey/ study on Handicrafts products, food processing and coconut & marine based Industries for recommendation and roadmap.
- Partner with Premier Training Institution/Entrepreneurship Development Institute of Mainland for better skill upgradation and entrepreneurship development.
- Digitization of all the records and services to be provided online for ease of access.
- Organize Coconut & Coir Based training Programme in association with Coconut Board, Coir Board to tap the resources available in A&N Islands.
- Establish Entrepreneurship Development Institute at Port Blair to inculcate entrepreneurship skills.
- Reimbursement of Travel Allowance & Daily allowance for outstation candidates especially Nicobar Candidates for training and skill up gradation programmes.
- Transit stays dormitory facilities during training for outstation candidates at Port Blair (Boys & Girls separate).

INFRASTRUCTURE SUPPORT

- Establishment of Incubator in all the districts of A&N Islands in association with Ministry of MSME, CIARI, Coconut Board, Coir Board, Industrial Training Institute, DBRAIT and other educational establishment to encourage budding entrepreneurs and Startups.
- Promote and ensure that the infrastructures are eco friendly and self sustainable.
- Setting up of Design Clinic/Design Development Centre for Handicrafts development.
- Setting up of 2 New Industrial Estate at Port Blair and Diglipur. 200 additional SMEs will be provided infrastructure support with an employment target of 2000 nos.
- Establishment of Sagarika Emporium in Different metros and tourist spot of these Islands
- Setting up an IT park in A&N Islands to cater the need after the laying of

Under Sea Cable.

- Setting up of Food Park to cater the Food Processing Industries. 50 Food Processing units shall be set up in the Food Park.
- Assisting Establishment of Tourism Activities in Nicobar District.
- Setting up of District Industries Centre at Mayabunder, North & Middle Andaman and Nicobar District to provide support to new and existing MSMEs.

TRANSPORT

Minor Ports

Name of Department : **Port Management Board**

Name of the Sub-Sector : **State Sector/Minor Ports**

Vision upto 2030

a) Vision Statement :

To provide dependable, World class, Sustainable, Port services through modern and efficient infrastructure coupled with high quality, customer friendly services. The Port shall manage its assets and resources for optimal economic use to the Islands and shall strive to be the main catalyst for the economic development of the Islands. To strengthening of the Port infrastructure and their manning the manpower is to be created.

b) Rationale for the vision statement :

Wharves/Jetties/vehicle ferry/ferry infrastructure : Islands have limited land resources, but vast water front which can be exploited sustainably for commercial development and prosperity to meet the requirement. Presently eight Numbers of Wharves are available for handling Mainland Island Vessels and ,fourteen numbers of Wharves/Jetties for handling Inter Island vessels in A&N Islands. Shipping being the lifeline of these Islands, thirty numbers of local ferry jetties and eleven numbers of vehicle ferry jetties are available in A&N Islands. To meet the increasing demand of transporting men and material to far flung Islands and with opening of more and more Islands for tourism related activities, additional port infrastructure is required to be created on as and when required basis.

Port Control Tower (PCT) : The Ministry of Communication have entrusted the responsibility of providing Ship to Shore and Shore to Shore Communication in A&N Islands. Accordingly, PMB have established twelve Port Control Towers. The PCT at Katchal , Teresa and Chowra were destroyed during Tsunami with new berthing facilities being developed at these locations, PCTs are required to be established. Further, with Neil Island becoming a second most favoured tourist destination the Vessels calling at the Port have increased and hence needs to be regulated for which a PCT is required to be established.

Navigational Aids :The peculiar topography and immense Shipping activities require large number of Navigational Aids for safe navigation during day and night. Presently, there are forty three local navigational aids existing in the Ports of A&N Islands. With the increasing traffic of Vessels in the Ports of A&N Islands and in the newly constructed jetties like Teresa, Chowra, Katchal, Neil, the local Navigational Aids are required to be provided. Also to meet the operational requirements additional

navigational aids need to be constructed as per requirement of Mariners Plying their vessels in A&N water.

Passenger hall: This is essentially required to be provided in the Wharves/Jetties to facilitate passengers. At present 16 passenger halls has been constructed in the ports of A&N Islands. The existing facilities are insufficient for fulfilling the local demands and increasing tourist demand .Hence, new modernized PAX terminal are proposed to be taken up for construction at Havelock, Neil Islands & Port Blair. These pax Hall also act as shelter to the local population who sometimes have to wait for the Vessels sailings.

Cargo Shed : Any port can only flourish depending on the covered space available to handle goods. Presently there are two dangerous cargo shed used for handling dangerous cargo such as LPG etc. With the increasing demand this also needs to be augmented. Further for handling of cargo , sufficient storage space needs to be provided at Inter Island Ports. The existing thirteen transit accommodation /cargo shed also needs to be improved.

Cargo handling equipments : These play a vital role in the turnaround time of a vessels. It is how quick the cargo can be handled which decides the fate of a Port. At present cargo handling equipments such as Wharf crane, Shore Crane, Reach Stacker, Forklifts etc have already been provided in the Ports of A&N Islands. However, the Cargo Handling equipments needs to be augmented in lieu of the Cargo being handled from time to time. Hence number of cargo handling equipments are needed to be installed in all the ports of A&N Islands.

Floatilla : The Port is responsible for berthing/ unberthing of vessels in the Harbour and providing of Mooring vessels and Pilot vessels.The Floatilla therefore needs to be augmented at all Ports. At present there is a shortage of port craft.PMB has acquired one Tug and the second Tug will be available by end July'2017.Also tender for hiring of one Tug has been invited. Further the repairs of the existing 2Nos Tugs and 3 Nos Mooring boat has also been taken up.

Security equipments : Considering the strategic locations of the Islands and large passenger handling it is necessary that to safe guard the Port Assets ,Man and Material on board vessels, sufficient security equipments are required to be installed. At present XBIS have been installed at Port Blair and Mayabunder. This facility needs to be extended at all Ports of A&N Islands. In addition CCTV ,DFMD and HHMD also needs to be provided at all Ports of Andaman and Nicobar Islands.

Dredging at various Ports of A&N Islands : To maintain the depth of the existing Wharves/Jetties where the siltation are taking place are required maintenance dredging .Dredging at MUS in Car Nicobar and Phoeinx Bay complex is proposed to be taken up.

Augmenting of Manpower: To fulfill the increasing traffic, PMB has to make it presence felt at all Ports of ANI. Hence, manpower pertaining to Engineering Cadre & Planning , Cargo and Afloat , Signal Section needs to be augmented for additional

newly created port infrastructure and their smooth management and operation at Ports.

Designation	Requirement
Executive Engineer -3	Electronics & Commn., Electrical & Mechanical and Civil
Assistant Engineer -4	Electronics & Commn -1 Electrical -1 Mechanical -1 and Civil -1
Junior Engineer/ Foreman	Electronics & Commn – 3 Electrical- 3 Mechanical -2 and Civil – 5
Estate Officer - 1	

STRATEGY UPTO 2024 TO REACH THE VISION OVER 15 YEARS :

- 1) With the increase in Shipping activity, required locations for providing berthing facilities in A&N Islands would be discussed at different forum such as Ship Acquisition Committee, District Planning committee, State Planning Board ,People representative, Various studies conducted by Admn. and an consensus would be arrived. Once the probable locations are identified, Necessary survey & Investigation, Environmental clearance, sub-Soil investigation and feasibility study will be carried out. If possibility for development of jetties/Wharves exists then the scope of work will be taken up .The work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure sanction by competent Authority. Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

- 2) Detailed analysis on the no. of Vessels presently calling and that would likely call at the respective locations will be done .Also communication trials at respective locations will be undertaken and if found feasible the PCTs will be constructed .The building for PCT will be designed in such a way that ground floor could be used as Pax Hall , 1st floor as office Building and Top floor as PCT. The work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure sanction by competent Authority. Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

- 3) The requirement of positioning of NAVAIDS will be finalized after making analysis on the Port infrastructure being developed and the type of Vessels that would be calling at the locations . Also discussion will be held with Master of DSS Vessels and other Pvt. Vessels plying in the A&N water to ascertain the requirement and type of NAVAIDS required. Discussions will also be held with department of Lighthouse & Light Ships to seek their expertise in this regard. Once the location for installing NAVAIDS are finalized . The work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure sanction by competent Authority . Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

- 4) Pax hall is essentially required to be provided at all places where berthing facilities are available. The type of Passenger hall required would be analysed base on the no. of passenger that could be utilizing the facility. To give a boost to tourism , Passenger hall with modern facility at Havelock , Neil , Phoenix bay Terminal(Port Blair) will also be taken up. In the meantime Acquisition of land wherever required will also be taken up from appropriate authorities. Once the type of passenger hall is finalized the scope of work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure sanction by competent Authority .Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

- 5) At present handling of dangerous cargo is only restricted to Hope town Wharf. Discussion in this regard will be held with IOCL to assess their future requirement and accordingly augmenting of such facility project shall be taken up. The work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure sanction by competent Authority . Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

- 6) Canteen facilities have almost been provided at all locations. However on analysis of its utility vis a vis the no. of passenger utilizing the facility will be done at all locations . Also discussions will be held with the local population on their requirement and the facility would be upgraded accordingly. The Scope of the work will be got executed through ALHW and they would be required to submit an estimate for the scope of work .The estimate will be scrutinized by PMB and submitted to Admn. for accord of Administrative Approval and expenditure

sanction by competent . Thereafter, once the estimate is sanctioned, Tendering of the work will be done by ALHW and subsequently Award the Work. The progress of work shall be monitored by PMB till Completion of project.

7) At present there is shortage of floatila. According to the type of vessels plying in the respective Islands procurement action for procurement of Tugs, Pilot launches, Mooring Boats, Utility Boats etc. Will be taken up in a phased manner. Discussions in this regard will also be held with Port users. If required these services could also be outsourced.

8) The Cargo handling equipments are required to be upgraded depending upon the Vessels being handled and the cargo being brought by them. Discussions in this regard will be held with Director of Shipping Services, Andaman Ship Owners Association and other Port users on the type of Cargo and the maximum lifting Capacity required for handling the cargo. Accordingly, analysis for handling of cargo at all Islands will be done and procurement action will be initiated accordingly in a phased manner.

CIVIL AVIATION

15 years Vision up to 2030

Vision: To establish seamless air-connectivity in Andaman & Nicobar Islands, which are scattered and spread over a distance of nearly 800 Kms from North to South. The department of Civil Aviation will put in place following to ensure seamless air connectivity in A & N Islands:

- A fleet of 04 advanced technology heavy and medium helicopters.
- Two operational hubs, one at Port Blair and second at Car Nicobar.
- Transformation from shipping to air travel by increased operation of chartered flights on mainland-Island sector.
- Operation of flights under Regional Connectivity Scheme between Port Blair and airstrips at Car Nicobar, Campbell Bay and Shibpur.
- Civil Enclave at all defense airfield.

- Helipad in all inhabited Islands.
- Better passenger facilitation at helipads.
- Efficient cargo handling facilities.
- Seaplane service on commercial basis.

07 Years strategy for 2017-18 to 2023-24

The Andaman & Nicobar Islands are scattered and spread over a distance of nearly 800 Kms from North to South. The enormity of Inter-Island distances and poor transportation links owing to far-flungness of human settlements of A & N Islands are the main constraints in the economic development of the Islands. The population of the A & N Islands has gone up from 2,81,661 in 1991 to 3,65,265 in 2001 and 3,80,581 in 2011. Similarly, the air traffic has also increased considerably in past 5 years. The passenger traffic on mainland-Island sector has reached 1116385 during year 2016-17 from 692045 in the year 2012-13 in the Inter-Island sector the traffic has increased to 31210 in 2015-16 from 16909 in 2011-12. To successfully achieve our targets, projects will be prioritized.

1. Modernization of helicopter fleet.

The existing fleet of 04 Pawan hans Dauphin N helicopters will be replaced with a mix of 2 nos. advanced technology (10 seater) medium and 02 nos. heavy duty (26 seater) helicopters in phased manner.

2. Two operational hubs, one at Port Blair and second at Car Nicobar.

Besides Port Blair, second operational hub will be created at Car Nicobar to ensure faster mobility between the Islands in Nicobar district and quick response during exigencies. Necessary infrastructure such as Hangar, aircraft parking area and passenger terminal will be constructed

3. Transformation from shipping to air travel.

The Directorate of Shipping is operating 05 ships for transportation of passengers between mainland and Islands, out of which two ships are very old and outlived its economic life. Over a period of time DSS is proposing to reduce the total mainland- Island fleet to only three ships instead of present five. Efforts will be made to gradually augment the air services and switch

to air-connectivity in this sector by increasing the frequency by 10% every year.

4. Operation of flights under Regional Connectivity Scheme between Port Blair and airstrips at Car Nicobar, Campbell Bay and Shibpur

Efforts will be made for introduction of flights between Port Blair and Car Nicobar/ Campbell Bay/Shibpur under the Regional Connectivity Scheme (RCS) of GoI. Necessary MoU for implementing the scheme in A & N Islands has already been signed with the AAI & Ministry of Civil Aviation.

5. Civil Enclave at all defense airfield.

Necessary infrastructure for Civil Air operations will be created at Car Nicobar, Campbell Bay & Shibpur in phased manner. In the 1st Phase a Passenger terminal, parking area & Hangar will be constructed at Car Nicobar IAF airfield for which land has been allotted and the lay out plan, drawing etc has been finalized. NOC from MoD is awaited.

Besides above, emphasis would be to induce private operators for resumption of seaplane services on commercial basis. Infrastructure will be developed by construction of new helipads and up-gradation of existing helipads for facilitating smooth air operations.

ROAD & BRIDGES

Name Of Department : Andaman Public Works Department

Name Of Sector : Roads & Bridges

VISION UP TO 2030

- The Andaman & Nicobar Islands is having 504 habitation as per 2011 census.
- Out of the above only 03 habitation are left out which is having more than 250 population i.e, Santhi Nagar, Jagannath Dera (estimate under process of sanction) & Hanspuri (EIA study in progress required forest clearance)
- The vision of department is to first connect all the habitation having 100 and above population by all weather road by 2030 (except encroached forest area)
- To widen the existing National Highway from Chidiyatapu to Diglipur for a length of 330 Km (to be executed by NHIDCL)
- To construct two Nos. bridge each at Hamphry strait and Middle strait (to be executed by NHIDCL)
- At present 266 Km of road is available as State Highway. Out of the above, 7.50 Km is widened for a width of 5.5 meter.
- At present the department is maintaining 372.16 km of rural road. It is proposed to improve the riding quality for a length of 60 km. It is also proposed to renew the top surface in every 5 years cycle in phased manner to cover entire stretch.
- To improve the drainage system of the existing road side by constructing drains wherever require for a length of 30 km in entire Andaman & Nicobar Islands.
- To replace the existing damage culverts at various places in the rural road, State Highway.
- To replace all the Bailey Bridge into RCC Bridge to remove the maintenance aspects.

- To improve the riding quality District Head quarter roads in every 5 years, cycle in phased manner.
- To widen the main roads to two lane, four lane connecting the township with state capital.
- To provide parking spaces in the extended Municipal areas of Port Blair to decongest the traffic problems.
- To construct a bridge between Chatham and Bambooflat to reduce the sea traffic congestion.(to be executed by NHIDCL).
- To construct flyovers in Port Blair Head quarter area after conducting studies by experts.
- To construct a Marine Drive connecting Port Blair to Bambooflat to reduce the traffic congestion and to support the Tourism Industry.
- To implement the mass transport system in Port Blair Tehsil to decongest the existing traffic and use of individual vehicle.

Rational:

- The Andaman & Nicobar Islands is unique in nature as there are different islands which are habitated either connected through road or isolated.
- The climatic condition is also different due to almost 07 Months rain in a year and seasonal cyclones occurring between October to January.
- The settlement of the villages are also in contrast to mainland village as the population is scattered and every individual family is having house site and agriculture field in one place, thereby increasing the length of connectivity.
- All weather road connectivity will improve the overall development of the area and living standards of the villages.
- Improvement in State highway will improve connectivity with the administrative headquarters to the important villages.

- To improve the tourism activity in the village which are either near the Sea beach or having some important features having tourism potential such as Mud volcano, Caves etc.
- Quality road will decrease the maintenance cost of vehicles and fuel consumption.
- Periodical maintenance will keep rural roads motorable with comfort to the road users.

Strategy upto 2024 to reach the Vision over 15 years

- All weather road to Hanspuri Jagannath Dera and similar other village with population more than 250
- Improvement of **50% of** Rural Road
- Improvement and widening of 100% State Highway to Intermediate lane including provision for civic amenities.
- Completion of Andaman Marine Drive

Name of the dept. : Directorate of RD, PRIs & ILBs

Name of the Sub-sector : Road & Bridges (PRIs)

VISION UPTO 2030

- a) To augment the road communication facilities in the rural areas
- b) To maintain the facilities already created in the previous years

7 YEARS STRATEGY UPTO 2024

South Andaman

Sl. No.	Item/Particulars	Unit	7 years 2017-18 to 2023			Remarks
			SA	Nic	Total	
1.	C/o Rural road & Bridges (Including C.C. Roads, Drain, Retaining wall, Toe Wall, Footpath etc.					There are 33 GPs, 4 PS and 1 ZP in SA District, hence, the proposed work will be taken up as prioritize and proposed by respective PRIs based on public demand
2	C/o Rural road to all Gram Panchayats	Kms	65	10	75	
3	C/o Bridges at C/Bay, Shoal Bay, Mannarghat, Beodnabad, Calicut, Havelock, Guptapara, Ferrargunj, Humfrygunj, Chouldari	Kms	20	2	22	
4	C/o C.C. Road all Gram Panchayats	Kms	15	5	20	
5	C/o Drain all Gram Panchayats	Kms	25	2	27	
6	C/o Retaining wall & Toe Wall all Gram Panchayats	Kms	40	4	44	
7	C/o Footpath to all Gram Panchayats	Kms	100	12	112	
8	C/o Culverts at C/Bay, Hut Bay, R.K.Pur, V.K. Pur, Laxminagar, Chouldari, Guptapara, Ferrargunj, Beodnabad, Humfrygunj, Wandoor, Havelock, Neil Island	Nos	135	15	150	
9	Strengthening/Repair/renovation/ up-gradation/ maintenance –					

10	Rural road to all Gram Panchayat	KMs	60	5	65
11	CC Road to all Gram Panchayat	KMs	10	2	12
12	Footpath to all Gram Panchayat	KMs	80	8	88
13	Retaining wall & Toe wall all Gram Panchayat	KMs	10	4	14
14	Bridges at C/Bay, Shoal Bay, Mannarghat, Beodnabad, Calicut, Havelock, Guptapara, Ferrargunj, Humfrygunj, Chouldari,	KMs	5	1	6
15	Culverts at C/Bay, Hut Bay, R.K.Pur, V.K. Pur, Laxminagar, Chouldari, Guptapara, Ferrargunj, Beodnabad, Humfrygunj, Wandoor, Havelock, Neil Island	Nos	25	10	35

N&M Andaman

S.No	Item/Particulars	Unit	07 Years Strategy 2017-18 to 2023-24
1.	Construction of Cement Concrete Roads.	Kms.	250
2.	Construction of Cement Concrete Drains connected with roads/ rural roads (for protection of roads)	Mtrs.	12000
3.	Construction of Retaining wall for protection of roads/ rural roads.	Mtrs.	11700
4.	Construction of Footpaths connected with roads/ rural roads.	Kms.	75
5.	Construction of bridges/culverts.	Nos.	125
6.	Construction of Rural Roads.	Kms.	120
7.	Repair and maintenance of Rural Roads.	Kms.	300

Road Transport

Name of Department : Transport Department

Name of the Sub-sector : Road Transport

Vision upto 2030

a) Vision Statement of Transport Department

Vision of the Transport Department is to provide one of the best transport systems which are safe, reliable, efficient, environmentally friendly and satisfying to both users and operators.

- ❖ Improve the quality of travel in public transport by introduction of luxury vehicles with lesser travel time ensuring safety to all sections.
- ❖ Exclusive bus service for tourists in all the tourist Islands like Neil Island, Havelock etc.
- ❖ Encouraging the use of eco friendly non polluting vehicles like battery operated, hybrid vehicles etc.
- ❖ Intelligent transport systems with extensive use of IT, vehicle tracking through GPS, ensuring passenger safety etc.
- ❖ Complete switching over to e- ticketing, online ticketing etc.
- ❖ Operation and maintenance of vehicles using IT APPs.
- ❖ Effective implementation of Motor Vehicle Act and Rules framed there- under for ensuring road safety.
- ❖ Implementation of motor vehicles, Act and Rules in a transparent and efficient manner for faster citizen services.
- ❖ Ensuring various road safety measures to make traffic seamless, travel safe and minimizing fatalities in road accidents. Spreading awareness on road safety, effective enforcement against violators using advance surveillance systems, e-challan etc.
- ❖ Creation of various commuter friendly road traffic related infrastructures.
- ❖ Encouraging private sector participation in road transport by way of ensuring an optimal mix of the public and private sector.
- ❖ Human resource development by enhancing the skills of employees and guarantee their welfare.

b) Rationale for the vision statement backed by data / research citations in few paragraph.

Strategy upto 2024 to reach the vision over 15 years

UT of Andaman & Nicobar:-

Sl.No.	Strategy
a)	The Strategy of the Department is to introduce Luxury, Air Conditioned, sleeper coaches and Low Floor Buses in future plans to make the inter district long distance travel comfortable for the commuters as bridges on the roads are expected to be completed during this period and such buses have not been introduced in these islands. Tourist friendly transport services like circular and shuttle services to tourist spots will also be introduced keeping in view of the increase in influx of tourists to these islands.
b)	Induction of battery operated, Hybrid vehicles etc. for minimizing environmental and acoustic adverse impact of pollution due to automobiles and to improve air quality thereby improving citizen's quality of life. Such type of vehicles has not been introduced in these islands. Setting up solar charging stations to reduce dependence of fossil fuels.
c)	To reduce huge traffic congestion by constructing Bus Terminus in outskirts of Port Blair for Long distance Buses, Mini Bus Station at Bathu Basti, Bus Terminuses at Bamboo Flat, Baratang, Mayabunder & Diglipur to provide better shelters as well as basic amenities to the commuters. Construction and maintenance of good quality bus queue shelters with accurate passenger information system to improve commuter satisfaction.
d)	To establish separate Urban Transport Wing for the city of Port Blair for operation of an efficient urban public transport with a clear target to attract personal vehicle users. (AC & Low Floor Buses will also be introduced). It will also reduce the traffic congestion in the town. Efficient multi modal transport by integrating road, shipping and air transport by giving connectivity.
e)	With a view to impart correct and scientific training on continuous basis to all sections of drivers, it is proposed to establish Drivers Training Institute in South Andaman district in the 1 st phase and in 2 nd phase in North and Middle Andaman district. The objective for imparting correct training is to reduce road

	accidents and resultant fatalities. Driving license test will be automated with the use of automated testing tracks.
f)	It is proposed to establish yard for automatic testing & inspection for asserting the fitness of vehicles under Motor vehicle Act. In the 1 st phase it is proposed to establish fitness testing yard in South Andaman District and in 2 nd phase in Nicobar District and North & Middle Andaman District as no Govt. yard for testing and inspection exists at present. This is aimed at bringing transparency and improved efficiency.
g)	Efficient human resource development by imparting training to the employees to enhance their skills at regular intervals. Provide better facilities to the employees, assistance to the ward of employees, skill training for family members of the employees, including creation of resident cluster attached to various STS units.
h)	To establish workshops in STS units with all modernized machine and equipments at Ferrargunj Neil, Havelock, Hut Bay, Baratang, Rangat, Mayabunder, Diglipur and Nicobar District etc. to strengthen the workshops facilities which will help to provide uninterrupted bus services to the commuters which is not existing at present.
i)	To introduce online services like e-ticketing, EBTM, destination boards showing arrival/departure timings, payment of fee and taxes etc. to maintain transparency in regulatory mechanism and speedy delivery of services to the public. Automatic vehicle tracking with GPS enabled devices, advanced passenger information systems at the Bus terminus and bus queue shelters, providing complete information of road transport services through mobile APPs like availability of vehicles, parking space, fares, etc.
j)	Construction of a Modern Bus Terminus-cum-Workshop in the STS Unit functioning in Southern Group of Islands at Teressa, Kamorta, Katchal and Campbell Bay to provide better shelters as well as basic amenities to the commuters.

SHIPPING

Name of the Department: Shipping

Name of the Sub-Sector: Transport

Vision up to 2030

- a) To provide safe, efficient, reliable and responsive Shipping services to the people by inducting new & faster vessels with modern amenities & improved passenger comfort as a replacement to the age old vessels in addition to major re-fit of the existing vessels having productivity life for its efficient performance and through chartering of vessels.

Modernization/Up-gradation of the existing repair/ dry dock facilities to ensure quick turnaround of vessels laid up for APS/dry dock.

Up-gradation of Web-enabling STARS and dovetailing with CSC`s for the convenience of general public.

b) **Rationale for the Vision:-**

The vessels operating across all the sectors have almost completed their productive life having average age between 25-30 years except for the Foreshore sector vessels. Timely replacements of these age old vessels are inevitable to maintain regular shipping services with more comforts, less travel time and to conform the latest safety parameters as per the latest requirements by the DG shipping. Also to cater to the repair needs of the newly acquired vessels the existing repair/dry dock facilities needs to be modernized/upgraded. Further the present system of ticketing is through Departmental ticketing counters only and there is a need to upgrade this to web enabling ticketing system including dovetailing of STARS with CSCs.

Strategy upto 2024 to reach the Vision over 15 years

a) Acquisition of new vessels

The vessels in the fleet have become old resulting in frequent breakdowns, huge operational expenses and disruption of services. In order to maintain regular services with more passenger comforts with reduced travel time it is proposed to acquire 32 ships in a phased manner upto 2024. Emphasis is also been given by the Administration to shift the passengers from sea to air travel in Mainland-Island Sector by operating chartered flights and as such the department proposes to maintain three vessels in the M-I Sector in future after decommissioning the old vessels. The status of vessels with their average age as well as replacement programme is tabulated below:-

Sl. No	Sectors	No. of Vessels	Avg. Age (in Yrs)	In Opn.	Under Replacement	
					By 2020	By 2024
1.	Mainland-Island	05	30	03	02	02
2.	Inter-Island	06	25	02	02	02
3.	Foreshore	17	11	06	03(Addl.)	00
4.	Harbour	31	20	19	14	04
5.	Cargo vessels	04	22	01	00	01
6.	Other Utility vessel	17	19	10	00	02
	Total	80		41	21	11

b) Chartering of Vessels

Due to frequent breakdown of vessels and the lead time taken for undertaking the repair work due to limited availability of dry dock, spares and skill manpower the department is unable to maintain shipping services in the Inter-Island sector which is the primary mode of transport. Further the construction new vessels takes around 4-5 years time as such as a stop gap arrangement it is proposed to charter a vessel for operating in Southern group of Islands to provide regular connectivity.

c) Repair of larger vessels from established /suitable yards at Mainland

Bigger vessels operating in the Mainland and Inter-Island sector are sent to Mainland/Foreign yards for repair/Annual Passenger Survey(**APS**) as adequate repair/drydock facilities are not available at Port Blair. Accordingly a tripartite MoU has been concluded between CSL, SCI and A & N Admn. for timely repair/APS of Mainland-Island and Inter-Island vessels.

d) Modernization / Up-gradation of Marine Dockyard & Workshops.

In order to undertake the repair & maintenance of Foreshore, Harbour, Utility vessels and new vessels under acquisition the department proposes to modernize & up-grade the Dry-docks and workshops with modern machineries & equipments to meet the repair requirement of newly acquired vessels. The machineries & equipments in the existing workshop have either become obsolete or outdated & needs replacements. In this direction M/s Cochin Shipyard Ltd has been entrusted to undertake a feasibility Study and the work is under progress.

e) Up-gradation of Ship ticket Advance Reservation System(STARS)

To upgrade STARS by migration of existing application to new platform and addition of new modules for dovetailing of STARS with Common Service Centres. This will facilitate web based enquiry and web based ticketing. Further the existing hardware/ICT infrastructure shall be replaced with enhanced infrastructure.

f) Maintenance of Mechanical, Civil Infrastructure and creation of new infrastructure

The Department has 02 Drydocks, 06 Slipways and heavy machineries and equipments for docking, repairing and in-house maintenance of the vessels and these are required to be kept in operational condition by undertaking regular maintenance. In addition the Department has various social infrastructure like residential quarters and office buildings all over the Islands which are also needs to be maintained for its proper utilization. Further new construction are also being taken up as and when the demand arises.

SCIENCE, TECHNOLOGY & ENVIRONMENT

Science & Technology

VISION UPTO 2030

The Department envisions to further strengthen the basic research undertaken in the institution dealing with Science and Technology in these Islands at par with national and international standards, translating the basic knowledge into innovations, start-ups and hand holding the industry to help the Administration in achieving inclusive and sustainable growth and well being of the citizens by developing scientific temper and creating awareness by 2030.

As a regulatory authority, the department shall ensure effective implementation of pollution related Acts and Rules made there under as also the State Action Plan on Climate Change in Andaman & Nicobar Islands for maintaining the safe environmental standards for sustenance of all forms including human beings in these Islands.

STRATEGY UPTO 2024 TO REACH THE VISION OVER 15 YEARS

To achieve the Vision of 15 years as elaborated above the following are the schemes implemented by the Department:

1. Promotion of Science & Technology Transfer
 2. Control & Monitoring of Pollution
 3. Mission on Strategic Knowledge on Climate Change.
-
- Dissemination of information through posters , booklets, pamphlets etc. among the students and general public.
 - Science excursion Exhibition , seminars , workshop for students including rural and tribal women and farmer.
 - Coordinate various research projects for socio economic development of the island for national and international agencies.
 - Promotion of innovative ideas for up gradation of technologies among entrepreneurs and students.
 - Establishment of Ambient Air Quality station for development of data.
 - Preparation of state of environment report.
 - Implementation of various rules and acts of the pollution control.
 - Setting up of field station at North & Middle Andaman.
 - Special emphasis on Solid Waste Management including biomedical and e-waste.
 - Preparation of Oil spill disaster Contingency plan.

- Implementation of environmental management plan for harbour area to control the pollution .
- Establishment of Climate Change research and programme.

Strengthening of Department:

i) Creation of Post and Recruitment:

At present the DST is functioning with meager manpower of 9 staff and ANPCC is functioning with 9 staff. Out of 18 posts, only 6 Technical posts are there. The workload of the department has increased on account of State Level Action Plan on Climate Change, pollution related issues due to various developmental activities and tourist population especially in the field of waste management, establishment of Ambient Air Quality Stations etc. and to keep it in pace with the increasing workload, sufficient man power is absolutely essential. The Department has submitted the proposal for creation of 18 Nos. of posts which is pending with Ministry of Home Affairs and Ministry of Environment, Forest and Climate Change. The details of post are given in the explanatory notes.

ii) Skill Development:

Due to recent advancements in the field of Science and Technology, regular Technical Training is required to handle the laboratory equipments for accurate data generation. Also orientation programmes are essentially required for the staffs who handle legal matters and other technical and Administrative issues for proper interpretation of the orders/ directions/ guidelines etc. issue time to time Hon'ble Court and Govt. of India.

INFORMATION TECHNOLOGY & E-GOVERNANCE

Name of the Department : Revenue
Name of the Sub-sector : Information Technology

Vision upto 2030

Aware of the enormous work involved in the up keeping and maintenance of the land records, Computerization of land records is being taken up with main objective of making the Revenue Administration efficient and responsive to the needs of the people. To ensure efficient and proper maintenance and updating of the land records for effective land administration, a comprehensive computer based land information system is to be created. The main objectives of the scheme are:-

To facilitate easy maintenance and updating of changes which occur in the land database such as changes due to creation of irrigation facilities, natural calamities, consolidation of land holdings or on account of legal changes like transfer of ownership, partition, land acquisition, lease, etc.

Computerization of ownership and plot-wise details for issue of timely and accurate copy of the Record of Rights to the land owners, Creation of Land Information System and database for effective land reforms, revenue administration and development planning at the grass root levels.

Low cost, easily reproducible storage media for reliable preservation for long time. Fast and efficient retrieval of information, both graphical and textual.

This scheme will be a permanent one as the land records are to be updated from time to time and are records in perpetuity.

The establishment of facilitation counters in all Patwarkhanas will enhance easy accessing of general public and also minimize the work load of patwaries.

The linking of Sub Registrar office with Tehsil and District headquarters shall enhance the efficiency of sub registrar office and also the sub registrar can view or print

current record for verification before registration of documents which will control the grass root level corruption.

All Patwarkhana's will be equipped with Computer, GPS unit etc. and the Patwarkhana's will also function as the facilitation counter for easy accessing of General public.

Strategy upto 2024 to reach the Vision over 15 years

7 Years Strategy Plan i.e. from 2017-18 to 2023-24

To achieve the vision into implementing policy, the Department has devised 7Years Strategy Plan which is described below.

- Computerisation of all land records and its up dation.
- Development of Infrastructure
- Procurement of IT Equipments.
- Filling up of the vacant posts.
- All certificates will be issued through E corner

Name of the Department : Department of Information Technology

Name of the Sub-Sector : Science, Technology & e-Governance

Vision up to 2030

a. Vision

”Make all Government services accessible to the common man in his locality over the web, mobile and common service delivery outlets, and ensure efficiency, transparency, and reliability of such services at affordable costs to realise the basic needs of the common man thereby transforming Andaman and Nicobar Islands into a digitally empowered society and knowledge economy.”

b. Rationale for the Vision

The basis for the rationale is to prepare the Island’s as a knowledge driven economy by using ICT as core enabler. In order to transform the entire ecosystem of public services through the use of information technology, the Government of India has approved the ‘Digital India’ programme with the vision to transform India into a digitally empowered society and knowledge economy. The Digital India is transformational in nature and would ensure that Government services are available to citizens electronically. It would also bring in public accountability through mandated delivery of government’s services electronically through an Unique ID and e-Pramaan. The program also aims at providing digital infrastructure as a utility to every citizen as well as high-speed internet as a core utility till Gram Panchayats.

Strategy up to 2024 to reach the Vision over 15 years

To achieve the vision, department has identified 6 (Six) strategic areas as follows:

1. Establishment of robust and reliable telecom connectivity across the Island’s
2. Setting up of State Wide Area Network.
3. Making services (G2C,B2C) accessible to common man at his locality.
4. Capacity Building programme to bridge the digital divide
5. Creating conducive environment for growth of IT and ITeS enterprises.

Rationale for choosing the above strategies:

1. Establishment of robust and reliable telecom connectivity across the Island's

- Adequate, robust and reliable connectivity is a pre-requisite for ensuring electronic delivery of services through different digital payment tools.
- Presently the basic voice services are not available in 40% of major inhabited Islands (8 out of 21) and 44% of villages (172 out of 395). These islands are lagging behind in telecom infrastructure due to their geographical location.
- The Telecom Regulatory Authority of India's (TRAI) in its report dated 22.07.2014 envisages availability of 2 Mbps bandwidth per household with projected penetration of 12%, 39% and 64% in villages, towns and cities respectively. TRAI estimation of bandwidth requirement for ANI stands at 55.66 Gbps as against the current availability of 1.118 Gbps.

In order to overcome the above challenges, following action is proposed:

- i. Augmentation of Satellite bandwidth from 1.118 Gbps to 2 Gbps
- ii. Laying incremental Optical Fiber Cable between SHQ, DHQ, BHQ upto Panchayat under National Optical Fiber Network (NOFN)/ BharatNet programme.
- iii. Laying Submarine Optical Fiber Cable between Chennai and Port Blair and Connecting 6 Islands viz. Havelock, Rangat, Little Andaman, Car Nicobar, Kamorta and Campbell Bay.
- iv. Installing adequate Base Transmission Towers to extend the telecommunication facility to all the uncovered villages.
- v. Laying additional cable between Port Blair and Diglipur.

2. Setting up of State Wide Area Network

- Under this project, all Government offices / CSCs will be connected to State Data Center (SDC) for providing services to citizens in an effective, transparent and effective manner with seamless integration amongst the Department's data & information.
- As per architecture it has been proposed to set up 19 Point of Presence (one State Head Quarters, 4 District Head Quarters and 14 Block Head Quarters) covering all the major inhabited Islands.
- The last mile connectivity from Point of Presence to concerned government office will be either through extended LAN, Wireless or Leased Circuit as per the feasibility.
- Centralized architecture at Network Operation Center (NOC) will have all necessary electronics for monitoring and managing the network with scalability.

- This network will provide seamless last mile connectivity across all Government Departments for facilitating electronic delivery of services.
 - The project will be implemented through SOVTECH a registered Society under A & N Administration. The entire network will be created and operated by SOVTECH.
- 3. Making services (G2C,B2C) accessible to common man at his locality at affordable cost through Common Service Centers, web and mobile apps**
- The CSC's will act as the first touch point for the citizens towards e-Governance enabling the citizen to access the government in his/her own locality instead of citizen going in search of the government for availing the services.
 - It has been envisaged to set up service delivery outlets viz. Common Service Center (CSC) at all Panchayat's.
 - The envisaged electronic services can be accessed by citizens through CSC. At present there are 30 CSC's functioning in South Andaman District and North & Middle Andaman District.
 - Additional 50 CSC's are planned to be set up covering all Panchayats including Tribal settlement where no panchayat's exist.
 - Carrying out business/ government process re-engineering for identified government services and development of end to end integrated computer application for electronic delivery of services leveraging unique id and e-Praman authentication.
 - Development and implementation of integrated mobile apps for making service request, obtaining status and delivery of approved services
 - Integration of payment gateway for digital payment of utility bills such as Electricity Payment, property tax, water charges, conservancy charges etc.
 - Digitization of Land records and making access of land records (RoR and Map) over web, mobile apps and CSCs.

This will result in a transformation of Governance where the Government is reaching out to the citizen in his / her own locality instead of citizen going in search of the government. This will also increase transparency, productivity and accountability.

4. Capacity Building programme to bridge the digital divide

- Proficiency in Information and Communication Technologies (ICTs) skills is now regarded as important as basic reading and writing skills. This technology is designed to enhance the flow of information and communication; it's a means to access information and knowledge.

- Capacity building is considered essential for any citizen to leverage access to public services by oneself. Capacity building also enhances the employability of a citizen in a knowledge economy which primarily leverages ICT.

The strategic point is proposed to be achieved by taking up following tasks:

- i. **IT Mass literacy programme-**
 - **Target Groups** - General Public/ Citizens and all Government Servants.
 - **Mode:** not limited to citizen workshops, flyers, advertorials in audio visual media, banners, competitions, exhibitions, personnel etc.
 - **Implementing partners:-** Government Departments, CSC's, NGO's, SHG's, Media etc.
 - ii. **Introduction of ICT at schools**
 - **Target Groups-** Students of Primary, Middle and Secondary School.
 - **Mode:** Regular Classes, workshops, seminars, exhibitions etc. not limited to citizen workshops, flyers, advertorials in audio visual media, banners, competitions, personnel etc.
 - **Implementing partners:-** Education Department and schools, NASSCOM
 - iii. **Introduction of Modular Employable ICT courses at Higher Education Level**
 - **Target Groups** - Students of Senior Secondary School and College.
 - **Mode:** Regular Classes, workshops, seminars, exhibitions etc.
 - **Implementing partners:-** Education Department, schools, colleges, professional training agencies, NASSCOM etc.
 - iv. **Skill Development Programme in ICT**
 - **Target Groups** – All unemployed youths
 - **Mode:** Modular employable courses with hands-on training.
 - **Implementing partners:-** Industries Department, Professional training agencies, ANIIDCO, NASSCOM, SOVTECH etc.
5. **Creating conducive environment for growth of IT and ITeS enterprises.**
- Fragile ecology of the Islands coupled with geographical isolation is one of the major impediments in promotion of large scale industries that require huge land, power, water etc.
 - The Island economy therefore depends largely on Service Sector and enterprises that requires less land, power and water.
 - IT and ITeS enterprises has therefore been identified as one of the thrust areas of development.
 - Promotion of IT and ITeS Enterprises largely depends on the conducive eco-system of the area.

The strategic point is proposed to be achieved by taking up following tasks:

- i. **Promoting startups in IT Industry**
 - **Target Groups:** Unemployed youths with ICT background
 - **Mode:**
 - Set up IT infrastructure with all amenities such as Centralized Server with licensed tools for software development, redundant backup power, telecom bandwidth, common place, training facilities, Air conditioners etc.
 - Provide space on lease basis to prospective unemployed youth to begin the startup in plug and play model.
 - **Implementing partners-** Industries Department, ANIIDCO NASSCOM, SOVTECH
- ii. **Formulation of IT & ITeS Policy.**
 - **Target Groups:** ICT Companies, BPO Companies, IT & ITeS Companies
 - **Mode:**
 - Preparation of IT/ ITeS Policy in consultation with stake holders.
 - Obtain approval of competent authority including line Ministry
 - Notification of Policy
 - **Implementing partners-** Industries Department, ANIIDCO, NASSCOM, ACCI
- iii. **Setting up of IT & ITeS Park/ IT-SEZ.**
 - **Target Groups:** ICT Companies, BPO Companies, IT & ITeS Companies
 - **Mode:**
 - Appoint consultant for preparation of DPR for setting up of IT / ITeS Park/ IT-SEZ.
 - Implement project setting up IT/ ITeS Park & IT-SEZ with all amenities such as built-up space, IT and Non IT Infrastructure, redundant backup power, redundant telecom bandwidth, common place, training facilities etc.
 - Provide space on lease basis to prospective unemployed youth, ICT Companies, BPO Companies, IT & ITeS Companies
 - **Implementing partners-** Industries Department, ANIIDCO, NASSCOM, Banks, Financial Institutions, SEZ-Madras, ACCI, ICC, FICCI, SOVTECH etc.

ECOLOGY & ENVIRONMENT

Name of Department : **Department of Environment and Forests**
Name of the sub sector : **Ecology and Environment**

Vision up to 2030

Island ecosystems are highly vulnerable to changes due to limited land, water and food resources. At present, Island ecosystems face the biggest challenge from Climate Change particularly due to rise in sea surface temperature, ocean acidification and sea level rise. Climate Change is also likely to bring changes in the rainfall pattern, annual mean temperature and consequently will influence many biological systems. Research and monitoring of the Climate Changes and its impacts on island ecosystem are essential for formulating an effective strategy for combating climate change effects. In order to generate base line data for management of ecology and environment of these fragile islands, it is essential to set up a state level Research Institute to take up these activities.

Strategy up to 2024 to reach the Vision over 15 years

To achieve the vision, the strategy of the Department is as under:

(a) Climate Change and sustainable Islands Ecosystem: Research and monitoring the impacts of climate change on island ecosystem is an important component in the strategy for combating climate change effects, as it generate base line data for management of ecology and environment of these fragile islands. Since islands are particularly vulnerable to climate change impacts, the proposed scheme would undertake following activities.

1. Establishing coastal data buoy system to monitor ocean and weather related parameters
2. Monitoring spatial impact of climate change and other natural disasters in GIS platform
3. Establishment of Artificial coral reefs as a in - situ conservation measure
4. Conducting Study on phonological changes and recruitment pattern of key stone flora to climate change impact.
5. Monitoring Critical faunal habitats (Turtles / Littoral birds) to assess impact of Climate Change and remedial action.
6. Creation of database on climate change

Forestry & wildlife

Name of Department : Department of Environment and Forests

Name of the sub sector : Forestry and Wildlife

Vision up to 2030

Conservation, Protection and Management of unique Biodiversity of Andaman and Nicobar Islands for the present and future generations, sustainable utilization of natural resources for the benefit of local communities without compromising the ecological security through various policies and programmes of Government of India.

As per the ISFR 2015 out of geographical area (8249 sq km.) 82.28 % (7171 sq km) of the area is under forest cover. A&N Islands constitute one of hotspots of biodiversity with a varieties eco system such as Tropical Forests, Mangroves, Coral Reefs and Marine environment. These Islands have been categorized as one of the biodiversity **eco-region** under the category of tropical corals in Global 200 Marine eco regions. It is one of the 34 biodiversity hotspots of the world where in the Andaman Group of Islands is included in Indo Burmese hotspot and Nicobar Group in Sundaland hotspots. The Andaman and Nicobar Islands are also one of the first places in India to be added in the list of 50 Global '**hope spots**' by the International Union for Conservation of Nature and Mission Blue. Further, the International Coordination Council of UNESCO's Man and the Biosphere Programme has added the Great Nicobar Biosphere Reserve to the world network of biosphere reserves due to its rich biodiversity as added during May 2013. The A&N Islands encompass a broad range of ecological habitat and highly diverse ecosystem varying from sandy beaches to evergreen forests, littoral plains, muddy creeks, mangroves (617 sqkm area), marine habitat which support thousands of species of plants and animals. 3552 plant species have been recorded from these islands so far and large areas still remain unexplored. Similarly 5357 species of fauna have been recorded which includes large number of species from marine ecosystem. Ecological systems are very closely linked in these Islands. The forests of these islands are also home to six vulnerable tribes who are totally dependent for their livelihood on forests and marine ecosystems. Therefore, forest management and biodiversity conservation are of paramount importance in these islands and even loss of small habitats may have serious consequences on sustainability of biological diversity. Forest management in A&N Islands requires scientific and planned conservation measures keeping in view of extensive forest cover, high degree of endemism, uniqueness in

flora and fauna, broad range of ecological habitats, vulnerable tribes and fragile environment and a large part of it is yet to be explored.

The Forests and Wildlife of the Islands are scientifically managed as per the approved Working Plans and Management Plans. There are 9 National Parks, 96 Wildlife Sanctuaries and 1 Biosphere Reserve covering an area of 1619.8 sqkm which constitutes about 22.58% of total notified forest. Increased human activity due to the population growth, is posing a threat to human development due to irreversible decline in biodiversity contents and its quality. Meeting the demand of sawn timber and NTFP of local people and SSI Units is also one of the foremost mandates of the Department as it is related with the livelihood issues of the islanders. The promotion of NTFP plantations in degraded as well as non-forest area including the areas reclaimed from the eviction of encroachments is prime importance. The important aspects like implementation of policies of Govt. of India, IT policies, use of scientific data base and GIS applications for management purpose, coastal security, climate change, encroachments, research, human resource development etc. are the key issues that have to be addressed for future management. Further, the action plans for achieving the related Sustainable Development Goals (SDGs) are also the prime vision.

Strategy up to 2024 to reach the Vision over 15 years

To achieve the vision, the strategy of the Department is as under:

- a) Direction, Administration and Capacity Building : The scheme aims to strengthen the forest administration and human resource management with more emphasis on augmentation of infrastructure, implementation of IT Policies and monitoring of scheme at each level for improving efficiency and achieving targets as per Result Framework Document (RFD) and to conserve, develop and manage the rich biodiversity. The Deptt. also aims at Capacity Building to develop technically trained manpower to manage the forest resources scientifically. Orientation courses, awareness programmes for PRI members, officers, and staff of the Department, general public and school children are also the part of Capacity Building Programme.
- b) Silviculture and Forestry Research: The diversity in plants particularly forestry species provides ample scope for carrying out forestry research including developing Silviculture techniques of important species. The recommendations contained in the **National Forestry Research Plan** shall be implemented, besides maintenances of the existing sample plots, preservation plots, seed orchards, seed production areas and plantations.

c) Forest Regeneration and Development of NTFP: The worked out forests of A & N Islands are to be brought back into its natural profile and thus have to be regenerated by undertaking several silvicultural operations as per prescriptions of the approved working plans. Thinning operations will be carried out in old Teak plantation and gap will be planted with natural species as per the prescriptions, in addition to the plantation activity in degraded forest areas to enrich their growing stock as well as planting of forest encroachments pockets on being vacated by forest encroachers. To meet the local demand, plantation of NTFP will be undertaken in forest /Non Forest areas, Encroachment Evicted Areas.

d) Forest Survey, Consolidation and Working Plan: The Working Plans prepared for each territorial division for a period of 10 years will be revised periodically. Working Plan revision involves demarcation, survey, forest boundary, preparation of forest inventory, collection of data and analysis of growth and yield of forest produce, etc. The revision of Working Plans of Middle Andaman, Mayabunder, Baratang and Little Andaman Forest Division will be revised along with working scheme for Nicobar division. As part of consolidation of forest boundary demarcation of boundary between revenue and forest lands, digitization of entire forest boundary and its reconciliation of revenue records would be carried out.

e) Forests Extension and Publicity: For promoting extension of tree cover beyond the conventional forest area and to educate the masses about the need for conservation and protection of forests and wild life. Programmes for raising of plantation of fuel wood, fodder and fruit bearing trees by farmers on their own land as well as community land etc along with awareness generation programmes through celebration of important events related to forest, organizing nature camps, seminars, workshops, etc. are prioritized. Development of model beach, development and maintenance of nature's trail, providing publicity materials for the visitors and to manage these activities through JFM.

f) Forests Utilization: The timber harvesting has been restricted to worked-out forest area and timber is being harvested as per the revised working plans approved by the Central Empowered Committee constituted by the Hon'ble Supreme Court. The Deptt. propose for effective utilization of available timber after harvesting by the two Govt. Saw Mills at Chatham and Betapur and five MSUs.

g) Forests Building & Roads: The Deptt. would provide appropriate residential and non-residential accommodation to the field staff and workers, besides construction of fair weather forest roads for transportation of harvested timber as well as for the purpose of patrolling is required to be undertaken and maintained.

h) Biodiversity, Wildlife Conservation and Eco development: The Deptt. would provide for strengthening of infrastructure for protection of PAs, besides, establishment of Biological Park at Chidiyatapu including construction of road, buildings, animal enclosures etc. These activities would be carried out by augmentation of infrastructure like machineries and equipments. Cataloguing, characterization and conservation of flora and fauna, microbes and marine bio resources have been identified for implementation.

i) Improvement of Govt. Saw Mill: In order to enhance the level of production and to minimize the down time on account of frequent breakdown, The Deptt. would replace the old machinery with new ones along with improvement of buildings, including dwelling / recreation facilities to the workers of Govt. Saw Mills, improved utilization of timber, improving the conversion ratio, increase in treatment and seasoning facilities for enhanced life of timber.

j) Protection of Forests and Coastal Eco system: The Islands coastal territory of more than 1962 km adjoining the maritime borders and about 6,00,00 sq. km Exclusive Economic Zone (EEZ) are open frontiers and easily approachable by foreigners and difficult to monitor because of their vastness along with regular protection activities, augmentation of infrastructure are prioritized.

k) Conservation and Development of Mangroves & Littoral Forests: Protection, conservation of Mangrove and coral reef ecosystem with specific studies and monitoring of various related parameters are to be undertaken along with raising of mangroves and coastal belt plantation in suitable areas. Integrated mangrove restorations programme in various areas of islands shall start through people's participatory approach.

l) Eco-Tourism: Augmentation of infrastructure facilities and providing the required support facilities for promotion of nature based tourism, along with ensuring adequate safety and security to the tourists.

GENERAL ECONOMIC SERVICES

Tourism

Vision

Vision of A&N Administration is to develop the Andaman & Nicobar Islands as a unique **Eco-Friendly** tourist destination and generate income and employment for local enterprise. The objective of the A&N Administration is to promote **Sustainable Tourism** in the islands in such a way that it would benefit the local community by generating employment and contribute to the economic growth of this Union Territory without disturbing the ecological balance. To this end it would endeavor to:-

- i. Promote **Eco-Tourism** with a view to protect the fragile eco-system.
- ii. Harness the **U.S.P** of the islands being gifted with excellent Sites for adventures water sports.
- iii. Project a tourist-friendly image to the domestic market and the world at large as **one of the best island tourism destinations** in the world.
- iv. Become the **number one** Indian tourist destination in terms of per capita visitor's expenditure i.e., move towards "**High Value, Low Volume tourism**"
- v. Focus on international tourism by networking these islands with South East Asia as part of **Look East Policy**.
- vi. Develop world class infrastructure i.e. hotels, resorts, transport and communication.
- vii. Identify new islands for focused development as done by **NITI AAYOG** to unlock the immense **Untapped/Undertapped** potential of tourism in the UT.
- viii. Identify potential sites for nomination as **World Heritage Sites** under the category of natural heritage.
- ix. Promote traditional artisans and the handicraft sector for livelihood generation.
- x. To promote rural tourism, heritage tourism, film tourism, agri tourism, etc.

STRATEGY TO MEET THE VISION

A. Role of UT Administration

(a) Tourism service provider for catalytic tourism activities in new islands

(b) Encouraging entrepreneurship in tourism:

The Administration will provide subsidies for tourism projects through Industries Department. The eligibility for availing the subsidy schemes is that the enterprises need to be registered in A&N Islands with the District

Industries Centre, Port Blair under the Micro, Small and Medium Enterprises Act, 2006.

- (c) Augmenting infrastructure facilities for enhancing and strengthening of tourism.
- (d) Providing the required support facilities and incentives to investors to encourage private investment in the tourism sector through **Single window clearance** for tourism related projects.
- (e) Facilitating availability of trained manpower by providing training and exposure to local youth.
- (f) Preparing master plans/and strategies for plan development.
- (g) Framing **Tourism Trade Regulations** for promoting best practices in tourism industry for strengthening “**Brand Andaman**”.
- (h) Provide Wayside amenities for tourists with special attention to old age people, ladies, **DIVYANGS**, Children.
- (i) Attempt will be made to tape **MICE**(meetings, incentivises, conventions and exhibitions) Tourism opportunities in the island.
- (j) The administration will facilitate private players for transportation of tourists by helicopter, sea plane, ship, road.
- (k) To enhance the use of **ICT** in the sector and further improve the quality of services for strengthening “**Brand Andaman**”.
- (l) Business / industries **Tie-Up** centralised to **South East Asian Countries** like Thailand, Singapore etc.
- (m) Providing entertainment / leisure activities like events, exhibitions, festivals, cultural shows etc in association with local talents/ entrepreneurs.
- (n) **Home Stay**: The people of Andaman are tourist friendly. Extending hospitality in such houses by way of Home Stay will enrich the tourism experience in these islands and also boost community participation in tourism promotion.
- (o) **Land Conversion/usage**: with a view to safeguard primitive, vulnerable and indigenous tribes of the islands, no tourism activity will be allowed around the protected Jarawa buffer/area notified under the Protection of Aboriginal Tribes Regulation, 1956. Similarly no land conversion will be allowed within 50 meters of the high tide line in tourist designated sites. Land conversion at other sites will be subject to the provisions of CRZ regulations.

(B) STRATEGIC PARTNERSHIPS IN THE LIGHT OF LOOK EAST POLICY:

- (a) Formulate strategic tourism partnerships with neighbouring international destinations like Phuket for leveraging increased visits to these islands.
- (b) **Restricted area permit and E-Visa**: Andaman and Nicobar islands is a restricted area under the Foreigners (Restricted Areas) Order, 1963 and

no foreigners can enter or stay in the island without obtaining permit from competent authority .At present foreign tourists are permitted to stay for a period 30 days which can be extended for another 15 days as per powers delegated to the Administration by the Govt. of India. The A&N Administration will persue with Govt. of India for reviewing of the islands open for **Foreign Tourists** in A&N Islands. To facilitate arrival of foreign tourists, administration will follow up for declaring **Port Blair Airport & Sea Port** as Immigration Check Post (**ICP**)for enabling **e-visa** endorsement.

(C) ECO-TOURISM:

(a) The A&N Administration has issued notification under the Environment (Protection) Act, 1986 in 2009 banning use of plastic carry bags in the islands made of virgin or recycled plastics. A&N is moving as a low plastic territory. Use of plastic carry bags has been banned in all National Parks, Wildlife Sanctuaries, Beaches and tourist destinations like Ross Island, Viper islands, Mud volcano, and Lime stone caves at Baratang.

(b) Eco-tourism circuits: to create new eco tourism circuits like Mount Harriet National Park, Shoal Bay, Mannarghat, Madhuban (South Andaman), Long Island Guitar Island, North Passage, Yerrata, Button Island, National Parks (Middle Andman), Curtbert Bay Sanctuary, Betapur, Rangat, Kalsi (Middle Andaman), Smith – Ross Islands, Lamia Bay, Saddle Peak National Park, Ram Nagar, Kalighat (North Andaman) etc.

(c) Canopy Walkway: A Canopy walk, the first of its kind of initiative in India will be set up in the Biological Park at Chidiyatapu –Port Blair.

(D) ADVENTURES SPORT TOURISM: The Territory has a great potential for Scuba diving, Sea-Walk, snorkelling, underwater sports, surface sports, land waste adventures sports, hot balloon sports etc. The same will be promoted as per “**Ease of Doing Business**” while taking all care for safety of tourists.

(E) CRUISE TOURISM

The Administration will encourage cruise tourism, Yatch Tourism, sail-boat regattas, and house boats in creeks and other allied activities. Efforts will be made to popularize these islands as a destination for cruise tourism in cruise tourism markets/locales. Policy on cruise tourism as laid down by Gol will be followed.To give life to water based leisure activities, 50 **Yatch Marina** –a novel venture in the Indian Waters, will be established at the picturesque Viper Island in Port Blair on Public Private Partnership basis.

(F) FILM SHOOTING

Andamans being blessed with unparalleled scenic beauty attracts film producers (both domestic and foreign) to shoot their documentary and feature films in the islands. Procedures are stipulated in Government of India guidelines set out by the Ministry of Information and Broadcasting and Ministry of External affairs.

(G) SOUND AND LIGHT SHOW

New Sound & Light show will be installed and old Sound & Light shows in A&N Islands will be upgraded periodically to keep them attractive for tourists both in content and technology.

Survey & Statistics

Name of Department : Directorate of Economics & Statistics

Name of Sub Sector : Survey & Statistics

VISION

- To coordinate Statistical activities of all line departments & to make available quality data, timely and reliable data.
- To streamline 20 key statistical indicators & develop strategy to reduce data gaps as identified by ministry of Statistics and Programme implementation also under the scheme SSSP
- To reduce time gap in data flow/ data collection.
- Focus on cOollection of Island wise, village wise data .
- Use of It tolls for data collection & dissemination
- To develop online DATA BANK and data Archival
- Capacity building of Staffs
- To develop indicators based on Sustainable development Goals (SDG) using the Statistical plan under SSSP.

Since, Directorate of Economics & Statistics collects data from all Departments and compiles it for dissemination lot of time is invested in requesting & collecting from various Departments.

Thus it is envisioned that streamline Statistical activities is of prime priority. All Departments have been requested to provide data timely as possible and by July each year so that atleast four months time is available to Directorate for tabulation & printing etc. If the statistical publications are to be made available to the users within that year.

Ministry of Statistics has identified 20 Key Statistical activities under the Scheme “Support for Statistical Strengthening” for which all

Departments have already been informed & few data gaps. All the departments have been requested to streamline, strengthen the data collection in their sectors taking steps to fill/reduce the data gaps.

Each Sectoral department has to streamline their data flow so that Statistics can be generated in a timely manner. Data made available well in time to all users certainly enhances the reliability.

Use of IT tool can play an important role in reducing the time gap in data collection.

There is a need to collect data at grass level that can be village, Tehsil and Island level. Department have been requested to develop **data base** at village level that will help in compilation of desired statistical indicators at village, Tehsil and Island level.

Designing a format to collect data on basic amenities at village level was attempted. It was given to Rural Development Department so as to collect data through Panchayat Secretary. Later with the assistance of NIC a web based application was developed and linked in the web site of RD Department to carry out data feeding.

This is the first step towards development of a village-wise comprehensive **data base**. In this database linking of village-wise data of other sectors will be taken up. So that various kind of data will be available ONLINE to all users.

A DATABANK & ONLINE archival has already been put in place on trial basis in the web site of Directorate of Economics Statistics for feedback. Interactive analysis of data with graphical representation is available for trial.

All Departments are already aware of **eGovernance** and other **online** presence. These departments will be impressed upon to develop their Department's website and make available data of their sectors . A web based application is in process of development with assistance of NIC. In this application departments will be able to feed their data directly and data in a compiled format will made available in the website of DES without any time gap.

Capacity building is also major initiative and very much essential for enhancement of quality of data. Ministry of Statistics with its National Statistical System Training Academy (NSSTA) provides in-service training to DES of various States. It has been requested to provide training at Port Blair so that large number of Statistical personnel can take advantage instead of sending staff to New Delhi.

In the absence of training centre at Port Blair it becomes much difficult to send large number of Statistical personals to Delhi or Mainland. Ministry is always requested to provide training at Port Blair so that large numbers of staffs take the advantage. Thus it is envisaged that a training centre may be established at Port Blair in form of Fiscal policy planning & Statistical training Centre. So that it can serve multipurpose training to staff of accounts, planning and statistical personals. On yearly basis only one or two training/ workshop / Discussion were held in last few years that somehow has to be increased.

However, challenges are absence of "Human Resources" either at UT level or at Sub District level. Efforts would have to be made to provision the

requirement of posts of Statistical personnel in plan by all line departments. To cater need of Panchayat /Tehsil, the directorate of Panchayat can make provisions in their plan similarly at sub – district Level, District Administration / Revenue and /or line departments can also propose posts of Statistics under their sectoral plan.

Data Dissemination is to be diversified

Emerging data needs for grass root level planning participation of PRIs in planning process, monitoring and evolution of various scheme necessities diversification of statistical activities.

This will require collection of data as per new requirement at village /tehsil level. There is need to develop Statistical indicators on each of targets under SDG. This will help monitoring the SDGs in various Sectors. All the departments have already been requested to provide data for statistical indicators as per SDGs of their Sectors.

Under the scheme Support for Statistical Strengthening Plan (SSSP) all departments have been requested to provide revised action plan for Strengthening of Statistics of concerning sectors and streamline key statistical indicators of their departments.

Strategy upto 2024 to reach the vision over 7 years

- All departments have been requested to develop village-wise data to their sectors.
- All departments have been requested to provide data by July every year.
- Rural Development and Panchayat Department has been requested to develop a village-wise database on Basic Amenities.
- Up-gradation of Web based application developed with the assistance of NIC, Port Blair and a link given in the website of Rural Development and Panchayat Department should be able to feed data directly in website.
- The website will be redesigned to provide all the publications and various data for archival.
- Academy of Statistical Administration, National Statistical System training Academy (NSSTA), Ministry of statistics has been requested to provide training at Port Blair instead of sending staff to Delhi.
- Target of 12 trainings for 15 years is envisioned.
- All departments have been requested to provide revised action plan for Strengthening of Statistics and streamline key statistical indicators of their departments. Using guidelines of SSSP.
- Departments are requested to develop Statistical indicators as per the targets and as per action plan under SDG.
- Departments are requested to fill data gap in their sectors.
- Departments will be able to feed data through website thereby reducing the time gap.

CIVIL SUPPLIES

VISION OF THE DEPARTMENT OF CS&CA

VISION: Hunger free households through food security at affordable prices with improved nutrition to uplift the economic and health status of the poor and vulnerable sections.

Broad Strategies (by 2024)

1. Augmentation of storage space for foodgrains

- **Rationale :** In South Andaman District, there is a storage gap of 2950 MT in terms with the projected population by 2030. Similarly, in North and Middle Andaman District, the storage gap assessed is 2150 MT by 2030. In Nicobar District, the existing pre-fab storage godowns in Car Nicobar and Katchal to be converted into Permanent RCC godowns to ensure longevity and 2 new godowns of 50 MT each to be constructed in Afra Bay and Mackachua subject to its viability as per the feasibility study to be conducted by the Department.

2. 100% lifting of the allocated foodgrains:

- **Rationale :** Presently, 96% of the population of this Territory is covered under PDS, as almost all the households in this Territory are having PDS Ration Cards. As such, in this UT, PDS plays a vital role in procurement and distribution of foodgrains for the benefit of PDS beneficiaries. Additional annual demand of 240 MT of Rice and 340 MT of wheat needs to be ensured.

3. Supply of fortified wheat flour for improved nutrition:

- **Rationale:** Presently, 50% of the entitled quantity of wheat is issued in the form of wheat flour and the remaining 50% as wheat grain. The fortified wheat flour which consists of additive nutrients like Iron, Vitamins and Folic Acid at the recommended scale will help to resolve nutritional gap of the vulnerable sections to a greater extent. The Department intends to supply 100% of the entitled quantity of wheat in the form of fortified wheat to close the nutritional gap among the PDS beneficiaries.

4. FPS automation through Smart Ration Cards based e-transaction to check pilferage and black marketing

- **Rationale :** The Department has implemented a pilot in e-PDS to bring in reforms in PDS system in South Andaman District. With the implementation of pilot, the Department could annually make a saving of about Rs.21.00 Crores in various PDS commodities including Kerosene Oil. In the manual process, the Department has not been in a position to fix the problem of pilferage and black marketing. Considering this, now the Department intends to translate these reforms into other part of this Territory so that there can be an absolute check on pilferage and black marketing along the supply chain. This will ensure that the subsidized commodities are reached to the genuine beneficiaries.

5. Implementation of DBT in Supreme Kerosene Oil

- **Rationale:** In the absence of a robust system to identify a genuine beneficiary, the subsidized Kerosene Oil being sold through Fair Price Shops to the PDS beneficiaries whoever is not having LPG connection may get diverted resulting non-receipt of the subsidized commodity by the genuine beneficiaries. Besides the use of kerosene oil can be rationalized by implementation of PMUY with the objective to penetrate LPG across this UT.

6. Universal coverage of Aadhaar

- **Rationale:** 97% of the projected population of this UT has been assigned with Aadhaar Number ie., 3.89 lakhs residents has already been issued with Aadhaar Number. The remaining 3% left out to be covered for Aadhaar to ensure universal coverage. This will help various Government Departments to adopt Aadhaar based service delivery mechanism in their respective sphere of activities including Public Distribution System.

7. Establishment of independent Consumer Dispute Redressal Forum in all the three Districts and setting up of Consumer Advisory Network in all the Tehsils

- **Rationale:** Presently, only one District Consumer Fora is functional at Port Blair that too does not have its own building. In order to ensure independent infrastructure for the District Consumer Forum, separate building for the forum is required in all the three districts for its smooth operations. To deal with the unfair trade practice, Consumer Advisory networks will act as an alternate dispute redressal forum to guide and give legal remedies to the consumers.

8. Enforcement of Legal Metrology Act 2009

- **Rationale:** Presently, the Legal Metrology section of this Department has its Office and Laboratory set up at Port Blair only. Besides, inadequate number of trained manpower in the Legal Metrology wing affects the enforcement activities. For the effective implementation of Legal Metrology Laws the required infrastructure and the trained manpower are rather necessitated. This will ensure that the customers including PDS beneficiaries are not exploited at the hands of traders and merchants.

9. Market intervention through calibrated release of essential commodities

- **Rationale :** Prices of essential commodities during lean period are highly volatile. Traders of essential commodities tend to exploit the geographical constraints of this territory to make huge profit during lean seasons when supply of certain commodities in the Indian market is inadequate to meet the demands. To tackle such situation, the Department may require adopting market intervention technique since prices of these commodities are fixed through market force without any Govt. direct intervention commodities to check the abnormal price rise.

10. Steady and uninterrupted supply of cooking fuel/LPG

- **Rationale:** LPG distributors are very limited in this territory. Besides these distributors do not have sufficient storage infrastructure for back up supply to avoid disruption in supply. As such, availability of this commodity needs to be ensured through appropriate mechanism so that consumer's interest can be protected.

11. Establishment of Price Monitoring Cell

- **Rationale:** The Department being the nodal agency to monitor the prices of essential commodities, presently does not have any Institutional framework to determine the Consumer Price Index which in turn can be used for making various policy decisions by the Administration. This Cell can be assigned with additional responsibilities of evaluation and monitoring of schemes being implemented by the Department to have output oriented evaluation.

Gender Budgeting

1. 100 % allocation of foodgrains is ensured to the priority households headed by senior woman member of the household.

2. Women entrepreneurs/applicants are considered on priority basis for issue of FPS licence.

Distribution of Foodgrains to PHH beneficiaries	Total Allocation of fund (Rs. in Thousands)			Gender Based Allocation
	2017-18	2018-19	2019-20	
South Andaman	8000	8100	8100	100% allocation to woman headed household
North & Middle Andaman	3300	3300	3300	
Nicobar	3800	3800	3800	
Total	15100	15200	15200	

SOCIAL SERVICES

EDUCATION

Name of Department : **Education**

Name of the Sub-Sector : **School Education**

15 years vision (upto 2030):

- To make “**quality**” education accessible to each and every eligible person of the Islands, with innovations like smart classes and tele-education facility in each and every schools to promote e-learning & job oriented vocational courses to benefit local population.

Justification: Although formal education facility is established in each and every eligible habitation of the islands but the level of learning needs further improvement. As such, improvement in quality is a prerequisite. Digitalized enabled curriculum will be more interested and educative to the children. As such, IT enabled Smart classes will be established in all the Govt. Schools to make education more interesting and child friendly. To ensure uniform learning pattern throughout the isles, Tele-Education facility will provide an avenue to rural students of the isles to witness teachings of urban schools. Scope will also be available to witness teachings from various parts of the country. Vocational Courses which will facilitate the local demand will be more beneficial for the local population. As such, there is emphasis for introduction of job oriented vocational courses for the students of the isles. Vocational courses will be started in all Sr. Sec. Schools and Sec. Schools.

7 years strategy (upto 2024) to realise the vision .

- To introduce quality assessment tool. To develop and implement learning indicators to check level of learning and ensure improvement in all subjects in general and in English, Maths and Science in particular.

Justification: To assess the learning level of children, quality assesment tool will be developed and implemented in the school. Presently there is weakness in subjects like English, Maths and Science and as such, emphasis will be their to develop learning indicator in English, Maths and Science in particular and in other languages in general.

- To obtain assistance of DBRAIT and SOVTECH in establishing equipments and creating adequate network at least in 100 schools to start tele-education.

Justification: To establish Smart Class, technical expertise of institutes like DBRAIT/Sovtech etc. is important.

- To utilize local resources by selecting teachers for developing content and delivering lectures through tele-education. To develop e-learning material in local language.

Justification: To facilitate tele-education, the content of curriculum needs to be digitalized utilizing the services of local resource people. Further to make the subject easily understandable by local population, it becomes essential to develop the contents in local language.

- To introduce vocational courses in 88 Secondary and Senior Secondary Schools as per need and situation of the local population viz. Fisheries, Carpentry, Information Technology, Hospitality, Tourism, Beauty culture, Yoga etc.

Justification: To make the students employable, it is essential to ensure that the courses so designed are in line with the local demand. Vocational courses will be started in all Govt. Sr. Sec. and Secondary Schools. During 17-18 & 18-19, this facility will be created in 30 Schools each whereas during 19-20, this facility will be added in 28 more schools.

Name of the Department : Education

Name of the Sub-Sector : University and Higher/Technical Education.

Vision upto 2030

To proliferate institution as leading institution of Higher learning in creating and disseminating knowledge, and providing students a unique learning experience in Arts Science, Technology, Legal Education Medicine, Management and other areas of learning that will serve best for the betterment of mankind.

STRATEGY PLAN UPTO 2024 (7 YEARS)

I. JNRM, PORT BLAIR

- ❖ **Creation of posts & Filling up of newly created posts** – Newly created teaching as well as non-teaching posts will be filled.
- ❖ **Opening of Extended Campus of JNRM** – To cater the need of growing population new campus of JNRM will be opened in Bambooflat and Chouldari. Opening of new campus will be easier than starting a new college.
- ❖ **Skill based courses will be introduced**– As the infrastructure will be available after the completion of action plan of 2017-2020 many skill based courses such as hardware in computers, software development, floriculture ,tourist guide, etc may be started.

II. MGGC COLLEGE, MAYABUNDER

- ❖ Filling of the all vacant post.
- ❖ 72 class rooms to be constructed in 15 years.
- ❖ Atleast 10 additional new course/subject will be introduced in under graduate course.
- ❖ Post Graduate course will be introduced with 04 subjects.
- ❖ Geography lab will be constructed and shall be well equipped with modern instrument.
- ❖ Additional blocks of both hostel having minimum capacity of 300 each.
- ❖ Smart Class will be introduced in phased manner.

- ❖ To be kept in provision for allowance to BPL/ST/SC students for washing clothes and two set uniform every year.
- ❖ Transfer and posting of Teaching and Non- teaching staff between MGGC to JNRM, Port Blair and Andaman College, Port Blair.
- ❖ Minimum 50 qtr to different category i.e. Dormitory Type, Type-II, Type-III, Type-IV and Type-V to be constructed.
- ❖ New Computer labs are to be constructed with LAN.
- ❖ Job Oriented/ career guidance course will be introduced.
- ❖ Students as well as faculty members will be encouraged to undertake research activities.
- ❖ Water reservoirs and more capacity water tanks for college and Hostels to be constructed.
- ❖ Electric Sub Station in the college campus.
- ❖ To setup an IT unit in North and Middle Andaman at Diglipur.

III. TGCE, PORT BLAIR

To develop TGCE as a Centre of Excellence in the field of Teacher Education, the following strategy will be adopted:

- ❖ Strengthening of In-service Training Programme for Teachers, Principals/Headmasters of Senior Secondary & Secondary Schools, Heads and Teacher Educators of DIET etc.
- ❖ **Filling up of newly created posts:** Newly created Teaching and Non-Teaching posts will be filled up.
- ❖ **Research Programme in Education** - M Phil and Ph D programme in Education will be added to the existing programme.

- ❖ **Short term courses on some Foreign languages and job oriented programmes:**
To establish a cell for Educational and Vocational Guidance for providing short-term course for Competitive Exams.
- ❖ Research Culture will be cultivated.
- ❖ Establishment of Centre of Cultural & Linguistic Studies
- ❖ Introduction of Integrated PG course in Education (PG Ed) subject to the availability in the affiliating University.

IV. ANDAMAN LAW COLLEGE, PORT BLAIR

- ❖ Construction of own Administrative, Academic and Hostel building.
- ❖ To develop Andaman Law College as a Centre for excellence in Legal Education.
- ❖ Increase the intake of students from 30 to 45 for B.A.LL.,B Course.
- ❖ Introduction of three years LL.B Course with the intake of 45 students.
- ❖ Expanding Legal Aid Clinic in other districts of Andaman and Nicobar Islands.
- ❖ Up gradation of College Library with new Journals and Periodicals.
- ❖ Digitalization of College Library.
- ❖ Procurement of more legal database for e-library
- ❖ To conduct a National Seminar
- ❖ Redesigning of college website to provide all publications and study material.
- ❖ Introduction of LL.M Course with the intake of 15 students.
- ❖ To conduct a Faculty training Program.

V. ANDAMAN COLLEGE (ANCOL), PORT BLAIR

- ❖ To create 67 posts of teaching and non-teaching staffs. 01 Principal, 46 Assistant Professors, 01 Junior librarian, 01 Administrative Officer, 01 Office Superintendent, 01 Accountant, 01 Stenographer, 01 Head Clerk, 02 HGC, 02 LGC, 10 MTS.
- ❖ To enhance the basic infrastructure like library, Auditorium, Sports Complex, Hostel, laboratories to cater the needs of the students.

- ❖ To introduce new UG courses not available in these islands like Fine Arts, BPA (Dance).
- ❖ The above mentioned 11 newly proposed UG Courses for the Vision 2020 may be further strengthen by increasing the intake capacity of 60.
- ❖ To construct sports complex (indoor and outdoor).
- ❖ An additional 05 acre land is required for further development of infrastructure.
- ❖ To start Post Graduate courses like M.Com (Gen), M.Com(CS), MBA in Finance, Marketing, Corporate and HR, M.A.(Economics), M.A.(English), M.A.(Sociology),M.A.(Journalism),M.Sc(Psychology),M.Sc(computer Science), M.A.(Social Work), M.A(Anthropology), M.Sc(Forestry), M.Sc(Fisheries), , M.Sc Statistics, M.Sc Biotechnology, MFA (Fine Arts), M.Lib and PGDSM (Post Graduate Diploma in Sports management) 30 intake capacity.
- ❖ To start M.Phil Degree Courses in Commerce, English, Psychology, Economics, Sociology, Journalism and Communication, Anthropology and Sociology with intake capacity of 05.
- ❖ To start PhD courses for the above mentioned subjects.
- ❖ To construct additional 50 classrooms, PG Hostels for men and women (50 rooms each), 02 Examination Halls (500 capacity each).
- ❖ To construct 01 Conference Hall of 1000 capacity, 05 laboratory and 1 canteen.
- ❖ To construct Residential Quarters- Type V (10 Nos), Type IV (50 Nos), Type III (20 Nos), Type II (12 Nos).
- ❖ To construct 03 water tank (for college and Hostels) with 20,000 litres capacity and 01 Bore well.
- ❖ To construct parking facility for 2 and 4 wheelers, 05 college bus and 03 light vehicle (office and Principal).
- ❖ To appoint additional administrative staff like 02 Head Clerk, 03 Driver for Light Vehicle, 05 Driver for Heavy Vehicle, 06 Cook for Hostel, 30 MTS.

Name of the Department : Dr. B.R. Ambedkar Institute of Technology

Name of the sub-sector : Technical Education

VISION

- To provide a platform to the students community for sharing their ideas, thoughts fearlessly and facilitate them to develop by embracing best practices of learning supplemented with the technical environment as well as value based initiative.
- Strive for continual improvement of the process to ensure that the product rolled out is able to contribute for societal development.

Dr. B R Ambedkar Institute of Technology (BRAIT), Port Blair is an integrated Institute offers Degree & Diploma Program in Engineering and Technology. The Institute also offers non-formal Programme such as Short Term Skill Development Programme throughout A & N Islands. The Institute has 10 extension centre located in different Tehsils/Islands to offer job oriented **Skill Development Courses**.

As a part of flagship Programme of **Skill India Mission** the Institute is implementing centrally sponsored scheme such as **Community College Scheme, Pradhan Mantri Kaushal Vikas Yojana** by Technical Institutions, **Community Development Through Polytechnics, Sub-Mission on Polytechnics**.

Dr. B R Ambedkar Institute of Technology has been included under **Technical Education Quality Improvement program phase-III (TEQIP-III)**, a project of MHRD assisted by World Bank to improve quality of Technical Education system. Under the project a Twinning Agreement has been signed between NIT Trichy (Mentor Institute) & BRAIT (Mentee Institute), the mentor Institute has agreed to provide support in various academic and non-academic activities as hereunder:

- Jointly conduct of faculty and staff development program
- Qualification upgradation for faculty and staff

- Industries attachment training for students
- Assistance in placement of students
- Jointly conduct of seminar, workshop and training

The TEQIP-III project shall provide necessary fund to the mentor and mentee.

Strategy up to 2024 to reach the Vision over 15 years

- To introduce outcome based curriculum
- Twinning arrangements with reputed Industries and national level technical institutions (IITs/NITs)
- To empower students in the academic process monitoring and management
- To establish a new Polytechnic at Diglipur by availing financial support through Central Scheme Funding.
- Building confidence and technical knowledge through student teacher concept.
- To facilitate thinking process through TFJ (TOD FOD JOD).
- To encourage students to take up real time projects.
- To provide a platform for taking lead role in organizing various students centric events.
- To upgrade students technically and create environmental awareness.
- To strive for continual improvement through up-gradation of infrastructure and teaching methodology.
- Take-up applied research work relevant to Island.

3 years Action Plan 2017-18 to 2019-20

- Starting of additional Degree Programmes and Post- Graduate Programmes in Engineering.
- Starting of new Polytechnic at Diglipur by availing Central Grants.
- Starting of More Community College in different islands as per the felt need.
- Obtaining and renewal of NBA/NAAC Accreditation to improve quality of Technical Education.
- Creation and filling of post for faculty and support staff as per norms.
- Participation in faculty development program to improve the quality of the faculty.
- Signing of MoUs with reputed Industries and National Level Institutions.
- Implementation of TEQIP-III components in the Institute.

NAME OF THE DEPARTMENT : SPORTS AND YOUTH AFFAIRS

NAME OF THE SUB-SECTOR : EDUCATION

Mission and Vision

The Mission is to encourage and assures mass participation in Sports and Youth Affairs for health and well-being personality development. Our mottois “**Sports for All**”. Toachieve excellence in Sports by exponentially increasing the numbers of Sports persons and athlete who perform consistently well and excel in competitive sports at UT, National and International Level. The department will emphasize on broad basing of sports through grass root level activity and promoting excellence in sports.

The vision is to improve the overall sports standard and to make Andaman & Nicobar Islands a leading name in Sports through Universalization of Sports Infrastructure and facilities throughout the length & breadth of the UT and instructing of Sports talent to achieve excellence in the A&N Island through affirmative actions and inclusive development, so that every islander has equal opportunity to participate actively in the Sports and Youth Affairs activities.

HIGHLIGHTS OF THE SPORTS POLICY

- Financial Assistance for sports infrastructure like playfields and indoor facilities at village, Block, District and UT Level through UT budget and CSS like Pyyka, Kehlo India & NSS etc., for development, creations of gymnasiums, development of playground, to meritorious sportsmen in our islands.
- Establishment of sports academies to facilitate the upcoming sports talent in our islands.
- Scholarships to participant and medalist of the school nationals.
- Establishment of Sports College in our Islands within a span of seven years.

HIGHLIGHTS OF YOUTH POLICY

- Establishments of youth training centers.
- Creations of youth hostel in south, middle & north Andaman.
- District and State level awards for youth who are outstanding in sports.

- Organization of national integration camps, youth exchange programme seminars for guidance in competitive exams.
- Personality development.
- Guidance for self employment, youth festivals.
- Promoting of NSS activity developing qualities of good citizenship through community services and reinforcing volunteerism in youth, youth employability & providing youth travel and National Integration.

PROPOSED PROJECT AND BUDGETARY PROVISIONS (3 yrs to 15 yrs Vision)

Sl. No.	Particulars	Existing facilities	Additional facilities Required	Financial support required / Estimated cost (in Indian Rupees)
1.	Swimming Pool in Port Blair	Only One Outdoor/Open 50 mtrs Swimming pool without diving facilities at Port Blair	Up-gradation of Existing Swimming Pool with diving facilities	30000
2.	Basketball Court in Port Blair	Outdoor/Open Synthetic Basketball Court	Indoor International standard basketball court with 500 seating capacity/pavilion	30000
3.	Multipurpose hall in Mayabunder	Nil	Indoor International standard basketball court with 500 seating capacity / pavilion	60000
4.	Archery in A&N Islands in all 03 Districts	Nil	International Standard equipments procurement and supply in schools to introduce Archery	10000
5.	Equipment support for Water sports, Rowing/Kayaking & Canoeing	The equipments available are out dated and belongs to SAI	International standard equipments for better performance in National/International competitions	50000
6.	Equipments/Logistic support for Andaman & Nicobar Sports Academy (ANSA)	Nil	Standard equipments/logistic support for scientific coaching for all 03 sports disciplines of ANSA with lodging and boarding facilities.	30000
7.	Boxing Facility	Not Adequate	Facility at Port Blair & Car Nicobar	30000
8.	Taekwondo	Not sufficient	-do-	3000

9.	Swimming Pool in Car Nicobar	Nil	Indoor International standard Swimming Pool with Diving facilities	50000
10.	Cycling Velodrome in Port Blair	Outdoor/Open Concrete Cycling Velodrome (not fit for competition)	Indoor International standard Concrete Cycling Vellodrome multistoried and semi Indoor	100000
11.	Multipurpose hall of size 60 mx40 m x12.5 m Indoor Hall in N&M Andaman	Nil	An International Standard Gymnasium with equipments	100000
12.	Construction of stadium complex at District head quarters - Mayabunder District	Nil	Construction of International Standard Stadium Complex at Mayabunder – District Head Quarter	500000
13.	Sports Science / Sports Medicine Centre with a Physician and Sports Library in South Andaman, Netaji Stadium, Port Blair	Nil	International standard Sports Science/ Sports medicine centre and International standard Sports library is essentially required as Sports injuries are recurring factual	500000
Total				1043000

INFRASTRUCTURE AND DEVELOPMENTS (the annexure is enclosed for your kind perusal and your approval please.)

SPECIAL TOURNAMENTS AT NATIONAL LEVEL TO BE CONDUCTED FOR HIGHLIGHTING THE A & N ISLANDS

- Veer Savarkar National level volleyball tournament.
- Dr. A.J Abdul Kalam memorial Marathon trophy.
- Subhash Chandra Bose national level memorial Cycling trophy.
- Rev Bishop John Richardson memorial football trophy.

Apart from this with the facility available in our islands we can conduct sports like water related sports and indoor sports in our islands with eminent sports personalities and sponsors.

The sports includes:

1. Swimming
2. Yachting
3. Basketball
4. Hand Ball
5. Table Tennis
6. Archery
7. Chess
8. Rowing
9. Canoeing
10. Kayaking
11. Boxing
12. Taekwondo etc.

DEVELOPMENT SCHEMES:

- Financial assistance for creation of sports infrastructures
- Financial assistance for creation of swimming pool to sports association for organizing competition/Camp/sending the team for nationals/to players for training/equipments/participation in competitions.
- Organizing self defense programme for women.

SCHLORSHIP AND HONORARIUM

COMPETITION	MEDAL	SCHOLARSHIP
National Games	GOLD	Rs 5000
	Silver	<u>Rs 3000</u>
	Bronze	Rs 2000
	Participation	Rs 1000
International competition	GOLD	Rs 10000
	Silver	Rs 7000
	Bronze	Rs 5000
	Participation	Rs 2000

SUGGESTED INCENTIVES AND AWARDS

- Granting additional 25 marks for Xth and XII students participating in state/national level sports competitions.
- Reservation in Govt./semi-Govt. organizations as per GOI policy.
- Direct appointment in Govt. job in Group “B” “C” depending on their achievements in international sports competitions as per GOI policy.
- Lifetime Achievement Award for the Organizers, players, Coaches and disabled players and adventure activities/Sportsperson.

Name of the Department : **Department of Art & Culture**

Name of the Sub-Sector : Education

Vision 2030

Andaman & Nicobar Islands is popularly known as Mini India. People professing different culture, religion, language etc. live here in perfect harmony resulting in a composite culture. Therefore, the vision of the Department is to preserve, conserve and promote the unique composite culture and heritage of the islands.

One of the priority areas of the Department is to foster and co-ordinate activities for the promotion of contemporary art and tribal art forms in Andaman and Nicobar Islands in order to make the Islands a vibrant cultural hub by involving local artist's fraternity and artists of National/International repute.

Strategy up to 2024 to reach the Vision over 15 years

- Measures will be taken for Conservation & Restoration of Heritage Structures of the Islands .Heritage awareness will be created Workshops ,Heritage Walks ,installation of signages and boards highlighting Heritage Points and printing of publicity materials and technology will be used for dissemination of information such as Audio Tour Guides ,Digital Information Kiosks, etc.
- Actions will be initiated for preservation and promotion of Classical / folk / tribal and Contemporary art forms by organizing Cultural Programmes, festivals ,competitions, workshops ,exhibitions at District, State and National and International level.
- National and International Institutes relating to art and culture and reputed artists of national and international acclaim will be engaged for promotion of art and culture in the islands.
- Infrastructural facilities to be augmented for promotion of art and culture throughout the islands by constructing Theatre, Auditoriums ,Art Gallery, Museums, Cultural Centres etc.
- Action will be taken to strengthen Department of Art & Culture and establishing Zonal Offices to increase outreach in order to provide the benefits of the scheme at the grassroots level.
- Establishing appropriate Regulatory Frameworks for promotion of arts and culture

- The Department will support autonomous Institutes & NGOs, Cultural Organizations, Panchayati Raj Institutions by providing them financial assistance in the form of Grant-in-aid for promotion of art , culture and education.
- Documentation and Action Research will be undertaken in the field of art and culture at national /international level .
- Leveraging ICT based and innovative ideas for promotion of art and culture
- Leveraging Funding from Government of India Schemes for promotion of art and culture in the islands
- Encouraging private partnership/entrepreneurship and community engagements for promotion of art and culture

Name of Department : Health Department

Name of Sub-Sector : Medical & Public Health

Vision upto 2030

The Health Department envisions increasing the life expectancy and improving physical wellbeing of the people of these Islands so that they attain the highest level of physical, mental and spiritual health to be able to contribute towards the development of these islands. To that end, the aim is to ensure availability of quality healthcare on equitable accessible and affordable basis across the Islands and various communities, with special focus on remote areas. In so doing the Administration hopes to achieve acceptable standards of healthcare by the Year 2030.

Strategy upto 2024 to reach the Vision over 15 years

- Provide curative, preventive, rehabilitative and supportive health care services to the community; ensure availability of quality healthcare on equitable, accessible and affordable basis across islands and communities with special focus on hard to reach areas;
- Promote 100% institutional deliveries; reduce Infant Mortality Rate (IMR) and Maternal Mortality Ratio (MMR); raise child sex ratio in the 0–6 year age group;
- Improve and sustain the standards of antenatal, pre-natal and post-natal care; improving infant and young child feeding practices including breastfeeding promotion; immunisation against vaccine preventable diseases;
- Prevent and reduce burden of Communicable and Non-Communicable diseases (including mental illnesses) and injuries; emphasis on hygiene, sanitation and preventive health care.
- Establish comprehensive primary healthcare delivery system and well functioning linkages with secondary and tertiary care health delivery system;
- Irrespective of the size of population, all inhabited islands need to have basic health care facilities by overcoming the challenge of shortage of trained manpower; establish new health institutions in different parts of these islands as per requirement, guidelines and local needs; up-gradation of PHCs/CHCs in outlying areas, wherever necessary, as per guidelines

- Ensure regular supply of drugs, vaccines, delivery of good quality health and family planning services;
- Strength AYUSH facilities in A & N Islands.

NAME OF DEPARTMENT : ANDAMAN PUBLIC WORKS DEPARTMENT

NAME OF SECTOR : WATER SUPPLY & SANITATION

VISION UP TO 2030

- The Andaman Nicobar is scattered within 37 habitated islands and every individual islands need separate scheme for water supply.
- The vision of the department is to :-
 - Provide potable drinking water to all habitation/pockets.
 - To provide minimum 70 lpcd in rural area and 135 lpcd in urban area.
 - To provide potable drinking water as per WHO standard by constructing filtration units/ Water treatment Plant
 - To provide individual metered water tap connection for generation of revenue
 - To augment the water availability to as much required in rural areas as well as urban areas on payment basis.
- To achieve the above the following is vision
 - Construction of Dam at Khudiram pur, Koyla nallah, Parnasallah Nallah Water Supply Scheme at Rangat, Mannarghat Nallah, Kalsi, Swaroop Nallah and Tapong Nallah
 - To lay pipe line from Rut Land to Port Blair.
 - To construct water treatment plant/ Pressure filters for the habitation having 200 and above population.
 - To development distribution system to replace the existing main line supply system to arrest wastage of water and maintain the pressure.
 - To construct/ augment individual sources by constructing dug wells, check weir with pumping arrangements.
 - To educate people on the use of water and quality maintenances.
 - To replace the old network of pipelines with higher dia pipelines as per the present requirement.

- To generate revenue for the sustainable maintenances of existing infrastructure.
- To implement big projects such as Flat Bay water supply scheme and sweet water lake.
- To Install & commission RO Plant in islands where water availability is less.
- To Install & commission 100 MLD RO Plant in Port Blair Head quarter area as additional source of supply.

Strategy upto 2024 to reach the Vision over 15 years

- Completion of submarine pipe line to transport water from Rutland
- Finalization of Flat Bay scheme.
- Completion of Khudirampur Dam.
- To take up and complete Parnasallah Nallah Water Supply Scheme.
- Installation of 10 Numbers RO Plants in different places of island.
- Integrated sewerage system at Port Blair
- Sewerage system at Neil island
- Small water purification unit in all revenue villages with population less than 100.

Name of the Dept. : Directorate of RD, PRIs & ULBs

Name of Sub - Sector : WATER SUPPLY & SANITATION (PRIs)

VISION UPTO 2030:

- a) To mitigate drinking water facilities in rural areas of South Andaman
- b) To provide potable water to rural population by 2030
- c) Improvement of sanitation facilities in rural areas

7 YEARS STRATEGY UPTO 2024

South Andaman

Sl. No.	Item/Particulars	Unit	7 years 2017-18 to 2023-24			Remarks
			South Andman	Nicobar (i/c rev. areas of C/ Bay)	Total	
1.	Extension of pipeline at F/Gunj, B/Flat, L/Andaman, Wandoor, Guptapara, Tushnabad, Chouldari, Wimberlygunj, C/Bay etc.)	KMs	70	8	78	There are 33 GPs, 4 PS and 1 ZP in SA District, hence, the proposed work will be taken up as prioritize
2.	Replacement of pipeline at H/Lock, Neil Island, L/Andaman, Wandoor, Ferrargunj, North Bay, C/Bay, Shorepoint, Tushnabad etc.	KMs	30	2	32	
3.	Construction/renovation/up-gradation of Ring Well to all Gram Panchayats	Nos	40	5	45	
4.	Construction/renovation/up-gradation of Bore wells at Laxminagar, Ferrargunj, Shoal Bay, Mannarghat, Wimberlygunj, Guptapara, Humfrygunj, Neil Island, Havelock, Tushnabad, Mithakhari, Namunghar, Hut Bay, R.K. Pur, Nitajinagar	Nos	40	5	45	

5.	Construction/renovation/up-gradation of Bathing Complex at Havelock, Neil Island, Hut Bay, C/Bay, Hopetown, Collinpur, Wandoor.	Nos	40	5	45
6.	Construction/renovation/up-gradation of New treatment units/RO Plants at Netajinagar, Hut Bay, Laxmanpur, Neil Island, Govindnagar, Havelock, Ram Nagar, Neil Island, Kalapathar, Havelock, Market area at C/Bay, North Wandoor, and Manglutan, Dhanikhari, Humfrygunj, C/Bay, R.K. Pur, Ferrargunj, Shoal Bay, Bambooflat, Brindaban, Wimberlygunj, Beodnabad, Culicut	Nos	20	5	25
7.	C/o Sulabh Suchalayas at Havelock, Neil Island, Hut Bay, C/Bay, Hopetown, Collinpur, Wandoor	Nos	25	5	30
8.	C/o Community Toilet at Havelock, Neil Island, Hut Bay, C/Bay, Hopetown, Collinpur, Wandoor.	Nos	30	2	32
9.	C/o Cleaning of Drains/Culverts to all GPs	Nos	50	5	55
10.	Construction/provision of Dustbin to all Gram Panchayats	Nos	45	4	49
11.	Establishment of Drinking Water Management Project (Gujrat Model) at Chuna Batta- Hopetown, Nimbu Bagicha - North Bay, Neil and Havelock Islands, Little Andaman and Campbell Bay	Nos	3	1	4

N&M Andaman

WATER SUPPLY SECTOR:

S.No	Item/Particulars)	Unit	07 Years Strategy 2017-18 to 2023-24
1	Construction of Ring wells in identified villages for drinking purpose.	Nos.	70
2	Repair & Renovation of Ring wells for drinking purpose.	Nos.	87
3	Laying & extension of new pipelines to remote inhabitants.	Mtrs.	5600
4.	Replacement of old pipelines.	Mtrs.	3700
5	Construction of Check Dams/ Weirs in the Nallahs & streams for storing water for drinking purpose.	Nos.	23

HOUSING

NAME OF DEPARTMENT : ANDAMAN PUBLIC WORKS DEPARTMENT

NAME OF SECTOR : HOUSING

VISION UP TO 2030

- Provide suitable accommodation to all staff and officer in all administrative headquarters by construction / re-construction and renovation of existing units.
- Exploring multistoried buildings.

Rational

- Optimum use of land and resources to provide quality family life in outstation areas

Strategy upto 2024 to reach the Vision over 15 years

- Construction of 500 Residential Accommodations.
- Renovation of 1000 Quarters
- Multistoried residential colony/ transit accommodations development at various islands.

Name of the Department : A&N Police

Name of the Sub-Sector : Housing

Vision upto 2030

- ❖ Andaman & Nicobar Islands having a 3 district, South Andaman, Middle & North Andaman and Nicobar District. In this District 1652 quarters are available and Satisfaction level of the quarters are 34%. Most of the staff needs Govt. accommodation. In 3 District s more then 3634 Police Personnel are posted. The satisfaction level will be reach in 48% in the end of 2030.
- ❖ The spills over works are completed on the priority basis in the Annual Action Plan 2017-18.
- ❖ Construction of residential quarters at various places for Police and Fire personnel at various places of different types 540 Nos (Ty-II-402 Nos. Ty-III-130 Nos, Ty-IV-06 Nos, Ty-V-02 Nos).
- ❖ This department trying to construct the residential quarters at only Head Quarters with in the South Andaman District and construction of quarters at other part of the Islands will be decided after the scrutiny of the proposal and ground reality.
- ❖ All the future constructions are to be based on the green building concept.
- ❖ All the existing old quarters are beyond economical repair to be dismantled.
- ❖ Allotment of land for construction of residential quarters.

Rationale for the vision statement backed by date/research citations in few paragraph.

Physical Target:-

S.No	Details of the Target	Nos/Units
1	Construction of new residential quarters at	50
2	Land Requirement for new residential quarters at Municipal area	5 Hectrs
3	Dismantle of old quarters	26

Strategy upto 2024 to reach the vision over 15 years

- a) To achieve 48% satisfaction level we are trying to complete the work within the stipulated time frame.
- b) To Form a committee to look over/monitor the project.
- c) To introduce new building concept to reduce the cost of construction.

Urban Development

Name Of Department : Andaman Public Works Department

Name Of Sector : Urban Development

VISION UP TO 2030

- Preparation of Comprehensive regional development plan for Major Islands and cities.

Rational

- A planned and balanced development conforming to requirement for sustainable habitat.

Strategy upto 2024 to reach the Vision over 15 years

- Prepare and finalize master plan for Mayabunder, Rangat, Diglipur, Hutbay, Car Nicobar, Campbellbay , Bambooflat and Wimberlygunj.
- Improvement of all important intersections for smooth traffic flow in Port Blair.
- Integrated sewerage system in Municipal area
- Encouraging public transport system.

Port Blair Municipal Council

15 Years Vision upto 2030

The PBMC is striving for keeping the city clean & green with 24x7 drinking water and proper street lighting. To achieve this objective strengthening of the Local Body by implementing recommendations of the 4th Finance Commission is needed. It will not only provide required financial strength but will also give required functional autonomy/independence to carry out its obligatory/discretionary functions. The following aspect needs to be addressed on priority:

1. Proper traffic circulation on inner roads of the wards with preference to non-motorized vehicles. Provision of Multi-Level Parkings in the Smart City Project will also address the problem of congestion in the main part of the city.
2. Community Halls, Public Toilets and wi-fi hot-spot facility in each of the ward.
3. To solve the water crisis, development of water bodies in different wards, re-use of the recycled water, Desalination treatment plant of 14 MLD capacities, and augmentation of water supply network with provision of additional command tanks.
4. Proper drainage system, sewage treatment plant by APWD, fire hydrants in the thickly populated wards and market places
5. Beautification of city, uniform color coding and vertical expansion of the city by adopting modern construction technology having required safety measures for earthquake etc.
6. Capacity building of staff through training, staff welfare including proper medical care, regularization of existing Daily Rated Mazdoors and thereafter going for direct recruitment following transparent recruitment process.
7. Development of One-day Tourist Destination places, Establishment of amusement parks and upgradation of existing parks
8. Development of Slum Area under Housing for All, Implementation of Housing for all in the similar manner development done by Andhra Pradesh under Slum conversion scheme.

9. Open Defecation Free City with adequate facility of Community Toilets, Public Toilets and Mobile Toilets.
10. Solid waste management with provision of energy generation from the waste and converting wet waste into compost/manure
11. E-governance in the Municipal Office for all its facilities and to reduce need for visiting municipal office for basic services.
12. Re-development of old municipal markets and construction of new markets in newly extended 06 wards. Construction of a landmark City Centre in Municipal Area at Garacharma ward no.18).
13. Development and Face lifting of Sea Shore Area from Chatham jetty to Aberdeen Jetty, from Tirupathi Temple Diary Farm to Shaeed Bedi Park at Junglighat and from Sinclairs Hotel to Corbyns Cove which can also be a revenue generation for PBMC through PPP Model.
14. Replacing existing street lights with LED lights and also encouraging Solar Energy in all upcoming buildings.

Strategy upto 2024 to reach the Vision over 15 years

SI No	Description	Remarks
1	Augmentation of water supply network to cater the increasing demand of water in Municipal Area.	Detailed survey will be carried out and estimate prepared.
2	Replacement of Old and Rusted GI pipe lines at all 24 wards.	Detailed survey will be carried out and estimate prepared
3	Providing house hold individuals tap connections with meters to the entire houses holds under the jurisdiction of this division.	10% increase will be achieved in a planned manner.
4	Construction of Circular Water Tank at Atam Pahad	Estimates needs to be approved.
5	Construction of Surface tank at Police Line.	Survey will be carried out and estimate prepared.
6	Construction of OHT at Shadipur PHC	Survey will be carried out and estimate prepared
7	Construction of OHT at Civil Wireless Shadipur	Survey will be carried out and estimate prepared
8	Construction of OHT at Bargath Line	Survey will be carried out and estimate prepared
9	Construction of Surface Tank with Pump House near Juvenile Home.	Survey will be carried out and estimate prepared
10	Construction of OHT at Dollygunj near Mini Stadium	Survey will be carried out and estimate prepared
11	Construction of Surface tank Brijgunj Dakiya Pahad.	Survey will be carried out and estimate prepared
12	Construction of OHT Brijgunj at Ward No.22	Survey will be carried out and estimate prepared
13	Improvement of Water Supply distribution network at extended 6 wards.	Survey will be carried out and estimate prepared
14	Laying of additional DI lines to upgraded water supply distribution in newly extended 6 wards.	Survey will be carried out and estimate prepared
15	Desilting of Wells there by increasing the yield of all well in 24 wards.	Survey will be carried out and estimate prepared
16	Construction of New Wells at Identified sources in all 24 wards.	Survey will be carried out and estimate prepared
17	Augmentation of Storage capacities of Clear Water Reservoirs at Various existing command tank.	Considering the increase in demand for coming year's enhancement of capacity will be considered.

18	Outlaying of new distribution network.	Envisaging that the existing as well as new localities may come up equitable distribution and management is considered.
19	Setting up of Laboratory.	01 nos To check quantity of water as per national standard
20	Capacity Building of technical staff and skilled worker in mainland & in Port Blair	Port Blair being far from mainland, latest technology & updates are not as available here.Hence to expose our staff to the new and latest technology its proposed to train them.

Name of the Department : A &N Fire Service

Name of the Sub-Sector : Urban Development

Vision upto 2030

- ✓ The “Modification and Development Scheme” of A &N Fire Service initially included in 7th five year plan is now being carried over to 12th plan. Due to non-sanction of sufficient fund in the 8th, 9th, 10th and 11th Five year plan, the A & N Fire Service could not achieve target in full. All newly established Fire Stations are functioning in temporary shed. At present, the satisfactory level of accommodation of Fire personnel is only 27.60% against 100% satisfaction level.

- ✓ For the next seven year we plan to establish 03 nos. Fire Station, a Training centre building, Fire motor workshop with modern equipments, mini w/shop at Rangat & kamorta and 81 nos. of Qtrs and for augmenting water supply we have projected 20 nos water supply scheme. Besides this, to modernize A & N Fire Service we have to procure 23 Nos. Qrt vehicle, 06 Nos. water tender, 04 nos. water mist tender, a mini hydraulic platform and few modern fire fighting equipments. Further, 96 posts are also proposed.

- ✓ Due to isolated islands and owing to speedy urbanization and increase of population, dwelling etc in these island establishment of new fire stations are considered essential to safe guard various establishment in case of any fire/disaster. Further to increase the satisfactory level of accommodation 81 Nos. of Qtrs are projected. Besides this 05 nos fire stations are functioning without any sanction strength and for establishment of new fire station 96 posts are proposed. Moreover, a full fledge mini workshop are proposed at Rangat & kamorta to manage the speedy repairing of emergency fire vehicles at outer islands. Further, it is felt necessary to establish a full fledge training centre to train fire service personnel, refresher courses to staffs and first aid fire fighting training to Govt. as well as civilian staffs.

Strategy upto 2024 to reach the vision over 15 years

- ✓ Building professionals through training. Apart from basic training and regular refresher training on various issues related with police, we provide training to civilians in emergency response preparedness, Fire and disaster rescue drills in schools with the help of NDRF, fire-fighting and rescue training, training to fishermen in life skills during Fishermen Watch Group meetings and train the Private Security Guards and Home Guards - auxiliary work force
- ✓ Our Fire Service unit besides fire protection and control are the first responder in any disaster and have critical role in earthquakes. This unit is equipped with disaster instruments like hydraulic spreader, Hydraulic cutters, Air lifting bags etc. also plays major role in forest fire. It also takes up the work of distribution of water in crisis situation

Name of the Department : Traffic Branch

Name of the Sub-Sector : Urban Development

Vision upto 2030

- For free vehicular traffic in the city of Port Blair the Traffic Branch has been started Project viz. CRRI for widening of roads in the main junctions of Port Blair city.
- Traffic Management, Road safety awareness created among citizens by organizing Road Shows, M'Cycle Rallies, Seminars, Painting Competitions, Visit to Schools, issuing press releases etc. Enforcement of Traffic Rules through static and mobile checking teams.
- To monitoring the traffic violators against the MV Law, on this CCTV cameras is going to be installed at various junctions. Presently at the BathuBasti junction the file is proposed for installation of CCTV cameras which is under process.
- For better management of the traffic, traffic awareness programmes are conducted by the traffic branch for educating public on the traffic rules and regulations.

Strategy upto 2024 to reach the vision over 15 years

- ❖ LED Traffic point signals alongwith timer which is have to be installed at all existing traffic points.
- ❖ b) CCTV cameras have to be installed in all existing traffic points to monitor the traffic violators
- ❖ c) Special Interceptor vehicle with camera and speed radar gun to be introduced for clutching the rash driving vehicles.

Information & Publicity

Name of Department : Information & Publicity

Name of the Sub-Sector : Social Services

Vision

Our main objective is to provide fast, reliable and efficient information through Print, Electronic, Social and Creative media.

STRATEGY

Introduction of New Technologies

By introducing modern technology and creating infrastructural facilities the information and publicity sector in A&N Island can be strengthened.

Training in association with PIB, PTI etc

The media persons will be trained to expand them to new development in field of Media in mainland and responsible journalism will be promoted. Fresh talents will be motivated to join this field.

Film shooting destination

A&N Island is having a vast potential to become a film shooting destination for national and international level directors. It will create employment opportunity for the local people and generate income for the UT govt. In order to promote this island as film shooting destination wide publicity is to be given in mainland newspapers, TV channels, participation in National and International fairs, exhibition, festival and conferences etc. Short films/animation are to be prepared to promote this island as film shooting destination.

Promotion of private media

Responsible private media will be promoted while ghost newspapers will be discouraged by galvanizing District Administration through Deputy Commissioner who are responsible under the act.

Name of Department : TRIBAL WELFARE

Name of the Sub-Sector : DEVELOPMENT OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASSES

A) Vision upto 2030 :

The Andaman and Nicobar Islands have originally been the abode of aboriginal tribes. The Andaman and Nicobar Islands (Protection of Aboriginal Tribes) Regulation, 1956, promulgated by the President of India provides for protection of the interests of aboriginal tribes and declaration of the geographical area as reserved areas, which are predominantly and exclusively inhabited by these tribes. In these islands, there are six Scheduled Tribes i.e., the Andamanese, Onges, Jarawas, Sentinelese, Nicobarese and Shompens notified by the President of India under Article 342 (1) of the Indian Constitution (Andaman & Nicobar Islands Scheduled Tribes Order No. 58, dated 31.03.1959. Except Nicobarese the rest of the 05 tribes are Particularly Vulnerable Tribal Groups (PVTGs). It may be appreciated that 4659 Sq Km has been declared as tribal reserve (56% of UTs total geographical area). For 05 PVTGs, an area of 2818 Sq km has been declared as tribal reserve. Apart from above, central act namely "SCs & STs (POA) Act, 1989 is also strictly enforced by the A&N Administration. Andaman and Nicobar Adim Janjati Vikas Samiti and Integrated Tribal Development Agency are being funded by the Directorate of Tribal Welfare in the form of Grant-in-aid to meet out the welfare and wellbeing of the tribes of A&N Islands.

The total population of the Andaman and Nicobar Islands is 3,80,581 (2011 census) of which, the tribal population is 27972 (as per 2011 census) constituting 7.5%. The details ST population are as under:-

Sl. No	Category	2001	2011	2016*
1.	Andamanese	43	44	64
2.	Onges	96	101	119
3.	Jarwas	240	380	467
4.	Sentinelese	39	50 (estimated)	50 (estimated)
5.	Nicobarese	28653	27168	27168
6.	Shompens	398	229	238
	Total	29469	27972	28106

In terms of the Hon'ble Supreme Court Judgment dated 16.11.1992, a permanent body known as "The A&N Commission for Other Backward Classes" comprising of a Chairperson, two non-official members, Chairperson SWAB, as ex-officio member and the Secretary (TW) as member Secretary has been constituted vide Administration's Notification No. 12/F.No. 1-611/93-TW dated 23rd February 1994 for identification of the OBCs in the A&N Islands. The Commission, being a

permanent body, the scheme is being continued during the 12th Five Year Plan too, to facilitate further identification of OBCs and other mandatory and statutory functions as provided in the Rules. The population of OBCs in these islands is 1,64,731 which constitutes 49.38% of the total population as per the report of the first OBC Commission. This UT Administration has notified the above communities as OBCs in respect of A&N Islands, besides reservation of 38% jobs in the services of the A&N Administration for OBCs vide Administration's Notification No.343/2005/F.No.8-3/2003-TW dated 16th December, 2005 as further amended vide Administration's Notification No.75/ 2006/F.No.8-3/2003-TW dated 19th April, 2006 and subsequently all the above five communities have been included in the Central list as well.

- (i) Demarcation of Tribal Reserve Area **[SDG Goal-1 & SDG Goal-15]**
- (ii) 100% coverage of tribes of these under the social security schemes of Govt of India like Pradhan Mantri Jeevan Bima Yozna (Premium Rs. 330/- per annum) and Pradhan Mantri Bima Yojna (Premium Rs. 12/- per annum) **[SDG Goal-1]**
- (iii) Formulation and implementation of Policy for Onge Tribe **[SDG Goal-1]**
- (iv) Formulation and implementation of Policy for Andamanese tribe **[SDG Goal-1]**
- (v) Augmentation of drinking water facilities in all tribal settlements **[SDG Goal-1]**
- (vi) Strengthening of Integrated Tribal Development Agency **[SDG Goal-1]**
- (vii) Awareness programmes on health and hygiene for the PVTGs **[SDG Goal-3]**
- (viii) Grant of financial assistance to the serious tribal patient for medical treatment in the islands as well as in various recognized hospitals in the mainland **[SDG Goal-3]**
- (ix) Cooperation of various department and Andaman Nicobar Command required for conducting circumnavigations, periodically, to ensure safety, security and well being of the Sentinelese, which will be continued to prepare them for the coexistence with the mainstream societies. **[SDG Goal-3]**
- (x) Documentation of narrative history of PVTGs and other settler communities A&N Islands for ANTRI Museum and Library **[SDG Goal-3]**
- (xi) Codification of tribal language **[SDG Goal-4]**
- (xii) Effective implementation of centrally sponsored scheme in respect of STs & OBCs through Direct Benefit Transfer **[SDG Goal-4]**
- (xiii) Extending telecommunication facility in all tribal settlements **[SDG Goal-4]**
- (xiv) Maintenance of VT Centre at Car Nicobar & Grant of stipend to Trainees **[SDG Goal-4 and SDG Goal-8]**
- (xv) Strengthening of ANTRI **[SDG Goal-8 and SDG Goal-9]**
- (xvi) Conducting of Socio-economic survey of OBC of left out communities **[SDG Goal-10]**
- (xvii) Providing of additional scholarships to STs & OBCs Students for pursuing their studies at various levels **[SDG Goal-10]**
- (xviii) Participation of tribal in Tribal Conferences/ Festivals in mainland

B) Strategy upto 2024 to reach the Vision over 15 years

(i) Demarcation of Tribal Reserve Area [SDG Goal-1&SDG Goal-15]

In order to protect the sustainable future, the areas covered under tribal reserve will be demarcated with the help of Revenue and Forest Departments.

(ii) 100% coverage of tribes of these under the social security schemes of Govt of India like Pradhan Mantri Jeevan Bima Yozna (Premium Rs. 330/- per annum) and Pradhan Mantri Bima Yojna (Premium Rs. 12/- per annum) [SDG Goal-1] –

40 Onge and 17 Andamanese tribes have been covered under Pradhan Mantri Jeevan Jyoti Bima Yozna (Premium Rs. 330/- per annum). The amount towards the insurance premium has been paid by AAJVS. Target will be fixed to cover all tribes under the schemes by 2024 (except Jarawa, Sentinelese and Shompens)

(iii) Formulation and implementation of Policy for Onge Tribe [SDG Goal-1] -

Like Jarawa and Shompen Policy, field study will be carried out with the help of ANTRI, AAJVS and Ministry of Tribal Affairs to frame the policy for Onge Tribe

(iv) Formulation and implementation of Policy for Andamanese tribe [SDG Goal-1] –

One of the immediate priorities in this regard would be to address the problem of alcoholism and substance abuse among members of the community. Another problem area that has arisen due to greater degrees of acculturation, and their gradual dispersal out of Strait Island. Hence, framing of Policy for Andamanese tribe is felt necessary. ANTRI will be assigned to frame the policy, which will be implemented with the approval of Ministry of Tribal Affairs.

(v) Augmentation of drinking water facilities in all tribal settlements [SDG Goal-1]

Project will be devised in consultation with ANTRI, AAJVS, APWD and Forest Departments for augmentation of safe drinking water

(vi) Strengthening of Integrated Tribal Development Agency [SDG Goal-1] –

07 Tribal Councils are functioning in the Nicobar District. In order to carry out the developmental activities, necessary Grant-in-aid will be released to ITDP, who is headed by the Dy Commissioner. Honorarium is being released to the 64 office bearers of Tribal Councils as per the rate prescribed for PRIs.

(vii) Awareness programmes on health and hygiene for the PVTGs [SDG Goal-3]

Health & hygiene among tribe is the main concern of the department. A protocol of Disease Surveillance for strengthening medical preparedness for the Jarawas in the event of any disaster in collaboration with DHS, protocol for Surveillance for Protection of Jarawa tribes, Policy on Shompen Tribe of Great Nicobar, protection and welfare measures are extended to the Jarawas as per the Jarawa Policy

framed in the year 2004, extends health and other calibrated amenities preferably in-situ.

(viii) **Grant of financial assistance to the serious tribal patient for medical treatment in the islands as well as in various recognized hospitals in the mainland [SDG Goal-3]**

The tribal being the weaker section of the society, socially and economically backward are not able to bear the cost of medical treatment. Therefore, the concept of providing of financial assistance to the serious tribal patients has been visualized and mandated

(ix) **Cooperation of various department and Andaman Nicobar Command required for conducting circumnavigations, periodically, to ensure safety, security and well being of the Sentinelese, which will be continued to prepare them for the coexistence with the mainstream societies. [SDG Goal-3]**

ANTRI has been assigned to prepare Questionnaire for observational study of Sentinelese tribe: Circumnavigation of North Sentinel Island

(x) **Documentation of narrative history of PVTGs and other settler communities A&N Islands for ANTRI Museum and Library [SDG Goal-3]**

ANTRI has been assigned to collect, conserve and preserve the following information related to tribes of A&N Islands

- (i) Documentation of medicinal plants and tribal medical practices
- (ii) Videography of Mother tongue survey among Jarawas, Onges and Shompens by NFDC in Port Blair in collaboration with Department of Census, Govt of India.
- (iii) Narrative history of settler communities A&N Islands

(xi) **Codification of tribal language [SDG Goal-4]**

Language and cultural competencies will also help us to devise more collaborative initiatives with the community for specific objectives of community empowerment. The main focus would be on the continuous and collaborative documentation of knowledge and cultural resources that would form the basis of any future educational programme. Language of all tribes will be codified with the help of ITDP, AAJVS and ANTRI

(xii) **Effective implementation of centrally sponsored scheme in respect of STs & OBCs through Direct Benefit Transfer - [SDG Goal-4]**

Extending all financial support to the ST and OBC students for their education at the primary, middle and higher secondary levels under various centrally sponsored schemes.

(xiii) **Extending telecommunication facility in all tribal settlements – [SDG Goal-4]**

Target will fixed for AAJVS and ITDP to extend all possible efforts to facilitate better telecommunication in the Tribal Area under Digital India concept.

(xiv) **Maintenance of VT Centre at Car Nicobar & Grant of stipend to Trainees [SDG Goal-4 and SDG Goal-8]**

To provide employment and / or self-employment to tribal youths by imparting vocational skills such as Steno-typist and use of computer, a Vocational Training Centre has already been setup in Car Nicobar during the 9th Five Year Plan and is being continued. The post of Vocational Instructor (Stenography) has already been filled up and posted at D.Cs office, Car Nicobar.

(xv) **Strengthening of ANTRI [SDG Goal-8 and SDG Goal-9] -**

The Andaman and Nicobar Tribal Research & Training Institute (ANTRI) has been set up vide Admn's Order No. 273 dated 16.2.2013 and made functional from 2.10.2013 with the objectives to provide input to direct a research led welfare policy, work in partnership with indigenous communities, act as clearing house for research proposals and collect, conserve, preserve, analyse & make documents accessible, set up tribal museum and give training. A Research Advisory Board (RAB) has been constituted with subject experts. A&N Administration is taking steps to set up a tribal museum and to build the required infrastructure facilities for the tribal research institute in the ensuing financial year. Promotion of tribal handicrafts, research and documentation of tribal culture through ANTRI

(xvi) **Conducting of Socio-economic survey of OBC of left out communities [SDG Goal-10] –**

Socio economy survey of Karens, Malayalee, Punjabi Settlers has been conducted and report is under preparation. Efforts will be made to complete survey of all left out settler communities for consideration of their status under OBC category.

(xvii) **Providing of additional scholarships to STs & OBCs Students for pursuing their studies at various levels [SDG Goal-10]**

Guidelines has been framed to extend financial assistance of Rs. 1000/- per month to needy ST & OBC students pursuing higher education at mainland and local colleges under Direct Benefit Transfer

(xviii) **Participation of tribal in Tribal Conferences/ Festivals in mainland –** The Ministry of Tribal Affairs, Govt of India seeks nomination of tribal couple to witness Republic Day Celebration every year. The Administration nominates the tribal couple on rational basis so that opportunity is being given to all tribes to witness Republic Day at New Delhi

RATIONALE FOR THE VISION STATEMENT BACKED BY DATA/ RESEARCH CITATIONS IN FEW PARAGRAPH

1) PHYSICAL AND FINANCIAL TARGET FOR THE PERIOD FROM 2017 TO 2024

Sl. No.	List of work	Unit/ Nos.	Outcome
1)	Participation of tribal in Tribal Conferences/ Festivals in mainland.	1 couple per year x 8 years	8 couple of different tribal communities will be sent to New Delhi to witness Republic Day celebration so that they may generate sense of integration and oneness among the tribals
2)	One time grant towards medical treatment of serious tribal patients at mainland.	On demand basis	As the tribal community is the weaker section of the society, socially and economically backward are not able to bear the cost of medical treatment. Hence under the scheme financial assistance towards treatment of major ailments like heart, kidney cancer etc. shall be granted, when they are referred to hospitals at mainland for further investigation and treatment.
3)	Maintenance of VT Centre at Car Nicobar & Grant of stipend to Trainees	50 students x 8 years = 400 ST students	400 ST students shall be trained in Computer and stenography to generate employment under skill development programme.
4)	Providing of additional scholarships to ST students pursuing higher education at Port Blair and mainland colleges	200 students x 8 years = 1600 ST students	1600 ST students will be extended with financial assistance @ Rs. 1000/- per month for per academic year, so that literacy rate among the tribal community in higher education can be uplifted.
5)	Grants to AAJVS	1	To ensure welfare and wellbeing of the Particularly Vulnerable Tribal Groups so that their socio-economic condition may be protected.
6)	Grant to Tribal Council	1	To ensure welfare and wellbeing of Nicobari tribes of Nicobar District so that their socio-

			economic condition will be improved.
7)	Providing scholarships to the OBCs Students for pursuing their studies at various levels.	500 OBC student x 8 years	4000 OBC students will be extended with financial assistance @ Rs. 1000/- per month for per academic year, so that literacy rate among the OBC community in higher education can be uplifted.
8)	Setting up of ANTRI and conducting of research activities	1	To Strengthen and develop of Andaman and Nicobar Tribal Research & Training Institute (ANTRI) institute as a world class institute so that the ANTRI shall ensure that the distinct and the unique ideas, knowledge, objects are collected, conserved, preserved, documented, analyzed and made accessible, to all people in diverse forms

Labour & Employment

Name of Department:- Labour, Employment & Training

Name of the Sub-Sector:- Social Services

VISION 2030

The vision of the department shall be transparency in inspection and eliminate discretionary powers of officers in implementation of Labour Law so as to ensure free and fair enforcement of Labour Laws and extension of Social Welfare assistances to the beneficiary workman by BOCW Welfare Board in A & N Islands. Enhancement of employability through Employment Services and Imparting Skill Development Training through Industrial Training Institute in the Andaman & Nicobar Islands.

STRATEGY UPTO 2024 TO REACH THE VISION OVER 15 YEARS

SKILL DEVELOPMENT

1. Youth are to be prepared as skilled manpower for make them employable and to ensure constant supply of manpower to potential industry and service sectors.
2. The trained Trainers can only be able to extend qualitative training which at presently is lacking in the department. They should be trained at different Advance Training centre at mainland.
3. The infrastructure support is relatively not up to the work at outer Islands which need to be improved.

Therefore inclusion of Hospitality and Tourism, Marine and shipping, IT, Tourism, Construction, Agriculture and fisheries sector in the curriculum of training will be added and introduced for imparting training to the local youth. To transform and upgrade existing Directorate of Training into Directorate of Skill Development and Entrepreneurship with logistic and staff support as per the recommendation made by the study group .Launching of PMKVY scheme for the livelihood of youth of these Islands. 5 VTC and a counseling and placement cell will be set up. Hostel facilities to be improved for accommodate trainees attending ITI from outer Islands. Mobile training centre for extending training at door step at different pockets of villages shall be introduced. A Skill Development Cell has to set up within the Directorate of Labour Commissioner Office.

Employment Exchange:-

- Facilitate job seekers and job providers on a IT driven common platform to exchange nation-wide information on employment opportunities.
- Converting existing Employment Exchange into a **Model Career Centre** which would demonstrate the efficacy of good employment services in terms of local demand supply assessment, career counseling, job matching, etc.

- **Labour and Labour Welfare**

Social Security Assistance/Welfare scheme for unorganized workers - Social Security Schemes and to extend different welfare scheme for upliftment of their socio-economic status of workers working in organized and un organized sector.

- **Labour Enforcement and Labour Welfare-** Transparent Labour inspection system (web based and computer generated) to eliminate arbitrariness by the Inspectorate staff in the inspection system. On-line registration and licensing of factory/ establishment/employer (contractor) with a view to make process easy under a theme of “Make in India”& Ease of doing business.

Social Security & Social Welfare

Name of Department – Directorate of Social Welfare

Sub Sector-I Social Security and Welfare

Vision upto 2030

- Ensuring better infrastructure for Children, Destitute, Orphan & Destitute Senior Citizen
- Have dignified, free and safe ambience for senior citizens
- Create inclusive environment for Divyang.
- To make Islanders free from the ill effect of Drug Abuse and Alcoholism (Substance)
- Organize preventive Programme/ Sensitization of the common Islander including male female from different age group about the consequences of alcohol and other substances abuse through Awareness programmes.

Strategy upto 2024 to reach the vision over 15 years

- Provide proper infrastructure and human resources.
- Support to NGOs in implementation of different welfare scheme
- Monthly Social security allowances to Senior Citizens and Divyang
- Implementation of legislation on Senior Citizen and disabled
- Implementation of different Welfare scheme for Senior Citizen and disabled.
- Awareness generation on legislation and different scheme.
- To improve the capacity building of staff
- Establishment of one de-addiction centers in South Andaman and Sensitization of the islanders about the consequences of alcohol and other substances abuse by organizing about 50 awareness campaign each year.
- Conducting Rehabilitation programmes/ long term awareness through programmes like nukkad Natak/Skit/Role Play Public places.
- Conducting Community meetings every month on the issue.

- Conducting annual study on drug abuse and Alcoholism.
- Installation of Poster/hoardings/standees at public places
- Organizing Special Gram Sabhas
- Formation of neighborhood watch dog Committees.

Wellness:-

- Providing Outreach and Extension services of Wellness Centre in all panchayat and Anganwadis

Sub sector-II Empowerment of Women

Vision upto 2030

- Ensure fair, secure and dignified environment for women and adolescent girls
- Ensure Healthy Womenhood
- Ensure healthy childhood.
- Ensuring better infrastructure for Children and women.

Strategy upto 2024 to reach the vision over 15 years

- Provide proper infrastructure and human resources.
- Monthly Social security allowances to Widows and destitute women
- Implementation of legislation on children and women.
- Life skill training to adolescent girls
- To improve the nutritional status of Women, children and Adolescent girls.
- Provide child friendly Anganwadi for children for the better care, protection and pre- school education of the children
- Implementation of different Welfare schemes for children and women.

Disaster Manager

Name of the Department: **Directorate of Disaster Management**

Name of the Sub-Sector: **Social Services**

Vision upto 2030:-

- a) **Vision Statement:** To build safer and disaster resilient Islands by developing holistic, pro-active, multi-disaster and technology driven strategy for disaster management through collective efforts of all Government Agencies and Non-Governmental Organizations.
- b) **Rationale for the vision statement backed by data/ research citations in few paragraph:**
- Infrastructural Development of Directorate of Disaster Management (DDM), State Emergency Operation Centre(SEOC), Emergency Operation Centres(EOCs).
 - Capacity Building of Disaster Management Organisation (DMOs), PRIs, Communities and Organisation/Agencies.
 - Implementation of Community Based Disaster Risk Management Programme in ANI at State/District/Block/Panchayat or Tribal Village Council/Village level.
 - Implementation of Disaster Management in Higher Education (DMHE)
 - Implementation of Urban Risk Mitigation Programme (URMP) in Port Blair.
 - National School Safety Programme implemented in 412 schools in ANI will be continued on year to year basis.
 - Up-gradation/Modernization as State of Art Communication for Emergency Communication and Early Detection and Warning Systems.

Strategy upto 2024 to reach the Vision over 15 years

1. Disaster Management Infrastructure

- Construction of new office building-cum-central godown for DDM including State Emergency Operation Centre with State of Art Communication Facilities as per the guidelines of NDMA.

2. Sector specific Strategy

- Robust system of communication TETRA Communication equipment as used in Delhi Common Wealth Games and Haiti EQ- Up-gradation of communication equipment will be undertaken. Additional latest version of sirens will be installed in all inhabited Islands.
 - Automated Tsunami alert systems in all Islands alongwith GPS Observatories and 35 Automated Tsunami sirens will be installed.
 - Ultra frequency Wi-Fi system- Latest Version of ultrahigh frequency Wi-Fi will be installed.
 - Strengthening of VHF System for communication- Ultrahigh frequency VHF Systems will be installed.
 - Installation of BARCO display system will be installed for monitoring and visual displays of operations, media briefing, other media channels in one place in SEOC and EOCs.
 - Additional Briefing Room/Situation room equipped with communication equipment such as display of operation, briefing, media and video conferencing with all other stations in different Islands specifically with EOCs will be setup in the DDM building.
3. Procurement of 02 Nos Operational Vehicle for Dte. Of Disaster Management and 13 Nos Vehicles for QRT (3 District, 9 Tehsils & 01 State Level).

Institutional Mechanism

a. Response Team:

- Equipped with Tactical Resources for Relief operation and updated frequently.
- Equipped with Communication Equipment SAT Phones, VHF
- Self protecting gears. Integrate disaster risk concerns into all activities and ensure implementation.
- Develop Training materials
- Provide Technical support and expertise to community and Govt. Stakeholders

b. Rescue Team:

- Equipped with Tactical Resources for Relief operation and updated frequently.
- Equipped with Communication Equipment SAT Phones, VHF
- Self protecting gears.
- Equipped with Medical Kits and Survival Kits.
- Equipped with Earth Moving Equipments
- Sniper Dogs, Robots
- Life detector
- Heat sensing Cameras
- Binoculars
- Thermal Imaging Cameras

- Dress codes
- Rescue Helicopters/Sea Plane

4. Capacity Building

➤ **School Safety Programmes:**

- Implement in all Schools of ANI.
- To sensitize children and the school community on disaster preparedness and safety measures.
- To motivate direct participation of key stakeholders in activities that would help building towards a disaster resilient community
- To initiate policy level changes
- To promote capacity building of officials, teachers and students
- To carry out information Education and Communication (IEC) activities
- To carry out demonstrative structural retrofitting
- To implement non-structural mitigation measures

➤ Development of IEC materials (Posters, Books, Pamphlets, Banners, Hoardings and disasters preparedness audios & Videos.

➤ Trainings, Sensitization Programmes, Workshops at all level on disaster preparedness & awareness on regular basis

➤ Mock Drills on various natural and manmade disasters at all level in ANI on regular basis.

➤ **Community Based Disaster Risk Management (CBDRM)**

- To develop Disaster Preparedness, Response, Mitigation and Communication System in village level with a vision “To build Capacity of Communities to tackle disasters”, so that it could help to find the measures in the grassroots level for creating Disaster Preparedness in A&N Islands.
- To enhance capacity of village community to tackle any crisis situation.
- To prepare and develop village Disaster Management plan.
- To strengthen the alert, warning and communication system in the communities at grassroots level.
- To ease the escape routes in the communities.
- To constitute and train village task forces for first response and use of local resources for Evacuation, Search & Rescue, First Aid and Relief Operations.
- To sensitise village community on disaster preparedness and safety measures.
- Identify hazard profile of the village community for its mitigation.
- To carry out Information, Education and Communication (IEC) activities in villages and associated environment.
- To motivate direct participation of villagers in the disaster awareness activities that would help building towards a disaster resilient community.

➤ **Disaster Management in Higher Education (DMHE)**

- To enhance capacity of Colleges/Institutions to tackle any crisis situation and to minimize and avoid losses.
- To prepare and develop Colleges/Institutions Disaster Management plan.
- To strengthen the alert, warning and communication system of Colleges/Institutions.
- Identification of escape routes in the Colleges/Institutions.
- To constitute and train College/Institution level task forces for first response and use available resources for Evacuation, Search & Rescue, First Aid and Relief Operations.
- To sensitise on disaster preparedness and safety measures.
- Identify hazard profile of the Colleges/Institutions for its mitigation.
- To carry out Information, Education and Communication (IEC) activities by the students of Colleges/Institutions.
- To motivate direct participation of students/youths in the disaster awareness activities in ANI.
- DMHE programme will be carried out in all College/Institutions

➤ **Urban Risk Mitigation Programme (URMP)**

- To enable the Municipal ward to initiate bottom up participatory planning process and implement such plan.
- To understand patterns of settlement, habitation, social structure and to identify local resources.
- To assess the felt needs of the people and identify the gravity of development gaps and problems in each Ward.
- To enhance capacity of community to tackle any crisis situation.
- To train municipal ward various task forces for first response and use of local resources for Evacuation, Search & Rescue, First Aid and Relief Operations.
- To prepared and develop Disaster Management plan of each ward.
- To strengthen the alert, warning and communication system in the communities at grass root level.
- To ease the escape routes in the communities.
- To constitute and train task forces of each ward for first response and use of local resources for Evacuation, Search & Rescue, First Aid and Relief Operations.
- To sensitize community on disaster preparedness and safety measures.
- Identify hazard profile of the community for its mitigation.
- To carry out Information, Education and Communication (IEC) activities in municipal wards and associated environment.

- To motivate direct participation of communities in the disaster awareness activities that would help building towards a disaster resilient Municipal Ward/ Smart City.
- To train municipal ward various task forces for first response and use of local resources for Evacuation, Search & Rescue, First Aid and Relief Operations.

➤ **Civil Defense**

- Civil Defense is an effort to protect citizens of a state from Military attack
- It's a community based voluntary organisation.
- The DC, South Andaman is the Director, Civil Defense for A&N Islands.
- Pre disaster
 - ⇒ Educating the community
 - ⇒ Civil defence awareness in schools
 - ⇒ Sensitizing government employees
- During disaster
 - ⇒ Enhance its capacity to act as first responder
 - ⇒ To have its own QRT (Quick Response Teams) with pre-designated roles and responsibilities
 - ⇒ To build a communication network to keep in touch with EOCs and CD Control Room
 - ⇒ After its initial role of response, the team may integrate with DM efforts of the state/DDMA.

5. Connectivity – Surface, Sea and Air

- Operational Vehicles/Mobile Communication van/Air ambulance/sea ambulances/ High speed boats/Gamines

6. Relief Shelters

- In addition to 140 relief shelters separate relief shelters will be constructed in the vulnerable locations with civic amenities and stock of relief materials.
- Pre-fabricated relief shelters for quick evacuation with facilities of MFR.

7. Incident Response System in ANI

- IRTs identified with pre-designated duties and responsibilities – Implementation and Enforcement

8. Creation of Posts

- 140 posts are proposed for SEOC & EOCs functioning in the various Islands of ANI.

9. Thrust areas for growth and the bottlenecks in such areas

- Robust Communication Equipment and up-gradation.
- Communication Networking with inter and intra Communication Equipment
- Early Warning Communication System

- Installation of 34 Tsunami Warning Siren
- Installation of Seismograph Equipment in ANI Islands for early detection of earthquakes
- Doppler Weather Radar will be installed by the IMD in addition to 13 AWS
- Strengthening the Professional Ethics in the field of Disaster Management
- Doppler Weather Radar (DWR) in ANI - Installing and commissioning of IMD for weather forecasting to now casting.
- Global Navigation Satellite System – A project of MoES for Installing and commissioning of Strong Motion Seismographs and GPS observatories in ANI.
- Community Based Disaster Preparedness

DISTRICT ADMINISTRATION, SOUTH ANDAMAN
Disaster Management preparedness like conducting Training Programme, Mock drills, Training etc.
Procurement of Disaster management equipments
Payment of compensation to land submerges due to Tsunami
Issuance of ex-gratia to families/ Individuals in distress.
DISTRICT ADMINISTRATION, NORTH & MIDDLE ANDAMAN
Disaster Management preparedness like conducting training programme, mock drills, seminars, workshops/training etc.
Construction of shelters cum community hall at various villages wherever necessary in N&M Andaman.
Construction of godown for store room and record room wherever necessary in N&M Andaman.
Conducting training etc on disaster management.
Creation of setting up of disaster management unit.
Procurement of materials/equipments like tree cutter, hydraulic jack and ladder etc towards disaster preparedness and EOCs.
DISTRICT ADMINISTRATION, NICOBAR
Conducting of various training programmes/seminar/workshop/mock drill.
Repairs & renovation of Tsunami Sirens in Nicobar District.
Procurement of Disaster Management Equipments.
Development of infrastructure.

GENERAL SERVICES

Jail

VISION OF THE JAIL DEPARTMENT

- Up gradation of existing District Jail, Prothrapur as Central Jail and existing Sub-Jails in the Districts of N&M Andaman and Nicobar as District.
- To ensure that all accommodation provided for the use of prisoners and, in particular, all sleeping accommodation meets all requirements of health with due regard to climatic conditions and particularly to cubic content of air, minimum floor space, lighting, heating and ventilation.
- To improve the vigilance and security of Jails for ensuring safety and security of prisoners
- Training programmes for prisoners by introducing training in various trades for prisoners.
- To improve transportation facility by purchasing new vehicles.
- Introduction of Prison Software in all Jails for maintaining the records and other details of the prisoners.
- Creation of sufficient posts for Jail Establishment to providing proper care and protection of Prisoners and also for undertaking various reformatory activities of the prisoners.
- Establishment open Jails.

STRATEGY UPTO 2014 TO REACH THE VISION OVER 15 YEARS

Goal 1: Up gradation of existing prison as central prison and construction of additional barracks and Sub-Jails to District Jails by 2030

Rationale

- The existing District Jail at Prothrapur is having lodging capacity of 409. The total inmates lodged in the District Jail gone upto 1200 during 2015-16 and required to be upgraded to Central Jail
- The existing Sub-Jails at Mayabunder, Car Nicobar and Campbell Bay are to be upgraded as District Jail.

Broad Strategies (by 2024)

- To provide infrastructures as per normative standards for human living in consonance with human dignity. Construction of additional barracks with lodging capacity of 1000 prisoners for up gradation of existing Jail as Central Jail, Prothrapur. The first phase of construction of work of additional barracks with capacity 240 prisoners has already completed. Remaining barracks and other infrastructure to be constructed.
- The Sub-Jails exists in the Districts of N&M Andaman and Nicobar will be up graded as District Jails by construction of barracks with 100 prisoner's capacities on the basis of certain well defined universally accepted norms & standards.

Goal 2 : Modernisation of Jails with latest technology and equipments

Rationale

- Presently the prisoner's data is maintained manually.
- The workshop is to be modernised with latest equipments.
- Introducing more trades to train the prisoners.
- Procurement of security equipments.

Broad Strategies (by 2024)

- The Department is intends to introduce Prison Software in all Jails for maintaining the records and other details of the prisoners
- The Jail workshop is to modernised by procuring latest equipments used in wood, cane and weaving.
- Jails strive to reform, reintegrate and rehabilitate the prisoners in the society. The challenge before any Jail Administration is to make the imprisonment purposeful in every way for those who have to undergo the same. Attempting to minimize the suffering of a person who has been imprisoned by providing an efficient and transparent administration. This Department provide them the opportunity to use their time purposefully and constructively by Introducing training in more trades viz. Hardware & Software, Mobile Phone repairing, Motor Mechanic, Electrical wiring,

repairing of Air-conditioner & Refrigerator etc. learning new skills, pursuing education and resolving their inner conflicts. It has been this department endeavour to treat every prisoner in Jails with dignity and respect.

- To improve the vigilance and security of Jail by procuring and installation CCTV systems, Jammers, Metal Detectors, Body and Luggage Scanners, VHF equipments.

Goal 3: Strengthening of Jail Administration.

- Creation of posts.
- Procurement of new vehicles.
- Establishment of open/Semi-open Jail.

Broad Strategies (by 2024)

- Creation of posts in various categories for the smooth function of Jail Administration.
- The existing vehicles are too old and required to be replaced with new vehicles. Moreover, additional vehicles required for Sub-Jail at Maybunder.
- Open/Semi-open Jail is one such effort wherein convicted prisoners having good conduct may undergo their sentence in a relaxed environment and constitute an important component of reformation and rehabilitation policy of Jails which bring qualitative change in the life of prisoners.

Stationery & Printing

Name of the Department:- Govt. Press, Port Blair

Name of the Sub-Sector:- Social Services

Vision

As 21st Century is knowledge century based on information, so our goal is “to provide fast, reliable and efficient information to the common people through newspapers and electronic media”.

We will work on to make a “Information based knowledge link” between mainland and island encompassing welfare schemes, environment protection, Agriculture, health etc. through print and electronic media.

STRATEGY

Introduction of New Technologies:-

By introducing modern technology and creating infrastructural facilities the information and publicity sector in A & N Islands can be strengthened and adopt Advance / New Technologies and Digital Printing of the Daily Telegrams and Dweep Samachar also all kind of job works, colour printing.

Public Works

NAME OF DEPARTMENT : ANDAMAN PUBLIC WORKS DEPARTMENT

NAME OF SECTOR : PUBLIC WORKS

VISION UP TO 2030

- Ensure availability of office space and allied infrastructure for efficient working environment.
- Upgrading testing facilities and establishing new laboratory.

Rational

- Administration must be accessible at grass root level
- Improved quality control will ensure economic and durable constructions.

Strategy upto 2024 to reach the Vision over 15 years

- Construction of Transit Accommodation at different Islands.
- Extension of Andaman house at Kolkata, Chennai, Delhi and Visakapatnam.
- Construction of Public Accommodation as per requirement at various locations
- Laboratory in each divisional headquarters
- Up gradation of existing central laboratory

Identity Cards

Name of the Department : **Revenue**

Name of the Sub Sector : **Issuance of Identity card**

Vision upto 2030

The Election Commission of India instructed all States/UTs in 1993 to issue Identity Cards to every registered voter within the Parliamentary Constituencies. The work of Election photo Identity Cards (EPICs) was entrusted to the ERO, DC, Andaman's and this U.T became the first in the country to issue Identity Cards to voters. The process of issue of Identity Cards is being done under the direction of the Election Commission of India and is a continuous process. There has been direction of the Commission from time to time on computerization of Electoral System including publication of the Electoral Rolls which is undertaken under this plan scheme. The Election Commission has taken up lot of IT initiative to maintain and safe guard the Democratic System through computerization of Electoral System for conduct of General Elections. This being a continuous process of up gradation to latest technology by the Election Commission of India, this department also needs to keep pace with it.

Recommendation made by the sub-group, constituted by the Ministry of Home Affairs, to suggest measures for checking influx of population in Andaman and Nicobar Islands, one was the introduction of a system of Photo identity cards for the persons living in the islands. The Andaman and Nicobar Administration decided to issue Identity Cards to the bonafide residents of these islands in pursuance of this recommendation. Meanwhile, on 07-05-2002 Hon'ble Supreme Court of India has also directed A&N Administration to issue Identity Cards to all the residents of these Islands and accordingly Islanders Identity Cards were issued fixing 07-05-2002 as cut of date to all five categories of people of these Islands.

The objective of issuing Identity Cards to the islanders, who meet criteria set out in the A & N Islands LR & LRR, 1966, is to identify those who will be eligible

for incentives that may be given by the Government or who, alternatively, will not attract the disincentive that may be built into the system to decrease the load on the carrying capacity of these islands.

Now administration has approved to enroll children those who born after 2002 subject to have islanders identity card with their parents. Applications for the same being received in all tehsil office for enrolment..

Strategy upto 2024 to reach the Vision over 15 years

7 Years Strategy Plan i.e. from 2017-18 to 2023-24

To achieve the vision into implementing policy, the Department has devised 7Years Strategy Plan which is described below.

- Issuance of Islanders identity cards to all bonafied islanders.
- Creation of Posts.
- Procurement of Equipment.
- Filling up of the vacant posts.

Strengthening of Judiciary

Name of Department : **Judiciary**
Name of the Sub-Sector : **Strengthening of Judiciary**

Vision up to 2030

The following Vision may be given importance to:

- **Leadership for the Future:** the role of leadership in shaping court excellence and introducing judicial reforms. How leadership could be rejuvenated to align with the judiciary of the future.
- **Innovations in Court Procedures and processes:** The latest developments in court procedures and processes that have innovatively changed the ways that justice is delivered. Theses may include technology-driven approaches or non-technology based solutions, such as community-based solutions or collaborations with stakeholders.
- **Designing the Courtroom of the Future:** how court infrastructure could be designed differently from the traditional notion of a courtroom and its functions. The corresponding changes to court process and related frameworks to support these changes creative approaches that enhance access to justice. This may include access to physical courthouses or virtual resources.
- **Delivering Court Services of the future:** recent trends in the profiles of litigants, and how this may impact their expectations of the court new approaches and methodologies to assess court users needs and measure their levels of satisfaction, thus enabling the courts to deliver excellent services. New modes of services delivery to improve the affordability and accessibility of court services.
- **Discovering New Frontiers for the Judiciary:** New developments that could be implemented in the next to five years, to help judiciaries reinforce public trust and confidence in the administrative of justice. These could cover, but are not necessarily limited to, the following areas: proactive case management, alternative dispute resolution and enhancing the capabilities of judicial officers and court administrators.
- **Implementing the values under the Framework of National Court Management system:** National Court Management System was launched in 2012, and yet to be applied by the courts. The Frame work has been adopted by the State Judiciary and a SCMS committee has been formed and baseline report has been prepared and submitted to incorporate the latest developments in International/ National court improvement strategies.

Strategy up to 2024 to reach the Vision over 15 years:

- a) Regular Bench of High Court to be made available at Port Blair
- b) Circuit Bench of Hon'ble High Court to be made available in all the rest of two Districts.
- c) Witness should be provided with separate waiting room.
- d) Doubling the existing number of Courts as per recommendation of the advisory committee headed by the Hon'ble Justice P. Sathasivam, the Senior Most Paine Judge (As His Lordship then was) of the Supreme Court of India formed by the National Court Management Systems Committee in consultation with the Ministry of Law and Justice, Government of India with the object of "Enhancing Timely Justice" for Doubling of the existing number of Courts.
- e) The Hon'ble Supreme Court of India is also monitoring for construction of new court buildings
- f) The National Legal Service Authority, New Delhi has been pressing hard for construction of building for ADRM Centre (Alternative Dispute Resolution Mechanism Centre) in all District of Andaman and Nicobar Islands.
- g) Solar Energy Panel is to installed in the court building of all District in Andaman and Nicobar Islands
- h) Modernization of District Court
- i) Establishment of new Additional Courts in all the District of Andaman and Nicobar Islands
- j) Construction of Nyay Seva Sadan Building
- k) Creation of permanent building with facilities of Lok Adalat, Meditation Hall, Legal Aid Clinic, ADRM Centre.
- l) Construction of Staff quarters
- m) Residential Complex for Judicial Officers.

Local Fund Audit

Name of the Department : **CHIEF PAY & ACCOUNTS OFFICE**

Name of the Sub-sector : **General Services**

Vision Upto 2030

- a) To render Receipt, Payment & Accounting Services in an efficient, transparent and expeditious manner by upgrading the existing establishment and by using IT tools/ systems.
- b) Providing proper internet facility to the Pay & Account Offices and Sub Pay & Accounts Offices in the remote places of these A & N Islands for implementation of e-payment, DBT (Direct Benefit Transfer), PFMS (Public Fund Management System) and all other schemes by CGA will directly help the beneficiaries for transferring the payment in their account.
- c) Conduction of regular audits of PRIs such as Gram Panchayat, Panchayat Samiti, Zilla Parishad and other institution receiving grant-in-aid from Govt., every year by this office will ensure the correct use of government fund by these institutions.

Strategy upto 2024 to reach vision over 15 years

1. Implementation of e-tool :

Already this office has started the e-payment facility for making all types of payment to the beneficiaries. For implementing PFMS & DBT as per the direction by CGA this office is doing all possible efforts and the same will be implemented on all PAOs and Sub PAOs on improvement of the internet facility of these islands.

2. Strengthening of Office :

- (i) Splitting of PAO-I into two PAOS for reduction of number of bills received by this office and speedy settlement of these bills.
- (ii) Acquisition of land at Campbell Bay, Mayabunder & Diglipur of construction of Sub PAO with residence
- (iii) Creation of one more Sub PAO at Ferrargunj tehsil.
- (iv) Creation & posting of AAO & MTS at all Sub PAOs.

Strengthening of Police

Name of the Department: Andaman & Nicobar Police

Name of the Sub-Sector : District Police

Vision upto 2030

1. Brief Description of Activities/Services being rendered by the Deptt:

- ✓ Improve public interface and promote pro-active community policing for developing a problem solving approach. Regular meetings with senior citizens at PS level to understand the problems of old age people regarding their safety and security. In this regard the beat officers contact senior citizens residing in the beat during daily patrol for providing needful assistance.
- ✓ Maintenance of Law & Order, Protection of life and properties and Crime prevention, control and investigation.
- ✓ Regular patrolling & anti-poaching operations are being carried out by IRBn, local police and Police Marine Force for coastal security. Regular meeting with Fishermen Watch Group are being held to keep check on intrusion of poachers. Monthly intelligence sharing meetings are held with AN Command and Coast Guard along with IB, Special Bureau, PMB, Fisheries and Forest and JAAN PEHCHAN" exercises at remote Islands are held with Army for sharing intelligence inputs for coastal security. Verification of character and antecedents of fishermen and registration of all boats/trawlers/dinghies under the relevant laws are being done. The various units of A&N Police like PMF, Immigration, CID, SB, Police Radio, Fire Brigade also regularly participate in the Biennial "TAT SURAKSHA" exercise carried out for inter-agency coordination and constant up-gradation of Coastal Security SOP.
- ✓ Special focus on safety and security of all the Indian & Foreign tourists visiting to A &

N Islands throughout the year .Description of Existing Assets/Resources:

- ✓ The India Reserve Battalion sanctioned in 2001, trained at CPMF Training Centers with attachment training in Army, CRPF & BSF and also trained in Commando course at TNCS, Chennai, are deployed at vulnerable places in Port Blair area, Police Stations at outer Islands and at Look Out Posts as Reserve force to tackle any eventualities and law and order problem in the area.

Strategy upto 2020 to reach the vision over 15 years

- ✓ Strengthen the operational capabilities of the police force through technology intervention.
- ✓ Increase the use of Information Technology in police work for effective public interface and transparency.
- ✓ Protect vulnerable sections of society. Create a safe & secure environment for women, by setting up Women and Child Help Desk' in Police Stations, designating Juvenile Welfare Officer in Police Stations. Organise specialized training at PTS, for women police personnel with Delhi Police. Provide counselling services through specialized NGOs. Provide self-defence training and sensitize the school students against sexual assault and harassment.
- ✓ Protect primitive tribes and effectively enforce the PAT Regulations (1954 and 2012-Amendment).
- ✓ Conducting ant poaching operations and regular patrolling where ever deployed and conducting special operations along with police and other agencies on receiving inputs regarding infiltration of foreign nationals into our territorial water.
- ✓ Building professionals through training. Apart from basic training and regular refresher training on various issues related with police, we provide training to civilians

in emergency response preparedness, Fire and disaster rescue drills in schools with the help of NDRF, fire-fighting and rescue training, training to fishermen in life skills during Fishermen Watch Group meetings and train the Private Security Guards and Home Guards - auxiliary work force of water in crisis situation. Data from various stations to Island Observatory.

- ✓ A&N Islands Home Guard Organization established in 1965 as Voluntary Force under the command of the A&N Police are utilised for assisting the local Police for Law & Order duties. Provides security of vital installations.
- ✓ Performing duties as striking reserve during special duty circumstances like VVIP movements , national functions, Elections and at the time of religious functions etc.
- ✓ Crime and Criminal Tracking Network & Systems (CCTNS), a Mission Mode Project of MHA is under implementation in the UT of A & N Islands. CCTNS will cover all the Police Stations, Sub-Divisions, District headquarters and the UT Headquarter to create a platform for sharing Crime & Criminal information among Police Stations, Districts, State/UT Headquarters & other Police Agencies across the country, Improve Service Delivery to the citizens and Increase Operational Efficiency and effectiveness of the Police force in delivering the services

A & N HOME GUARD ORGANISATION

VISION UPTO 2030 IN RESPECT OF A & N HOME GUARD ORGANIZATION

1. Objective /Justification:- The Home Organization has a sanctioned strength of 800 volunteer post out of which service of **325 Home Guards personnel** have been regularized by the order of Hon'ble Supreme Court in SLP(C)No. 10496 of 2007 and dated 22/01/2007 passed by Hon'ble High Court in MATNO. 25 of 2006 and the remaining **475 volunteer post**. Proposal for additional requirement of 200 volunteer is pending for creation with the MHA, New Delhi. Keeping in view the requirement of service of Home Guards for use in other department t an additional 500 volunteers post may be required to meet the requirement in the coming 15 years.

2. Housing Sector:- Consequent upon the regularization of services of 325 Home Guards in Supernumerary Post (SNP), the family of each personnel are requiring family quarter to accommodate their family. For this, suitable land for construction of family quarters needs to be identified/allotted in favour of Home Guard Organization.

3. Building Sector:- Home Guard Organization has no separate building on its own. It is presently functioning in the 1st Floor of Police Radio Building situated at Marine Hill, Port Blair. After regularization of 325 Home Guards the Establishment of Home Guard Organization had started its full fledge establishment consisting of Establishment Section (HG)/Quarter Master Store(HG)/Account Section(HG)/DE /Writ Cell & General Section(HG) etc. As such a separate building for Home Guard Organization shall be required for its smooth functioning.

4. Conveyance/Transportation:- At present the organization is allotted with a four wheeler vehicle TATA 407 for its use to deployment of staff's for duty during the national occasion/VVIP movements etc. At present the condition of the vehicle is not so good due to the vehicle was too old and making technical snag regularly, for which the organization need to improve the strength of the vehicles in A & N Home Guard Organization. The vehicle

which needs to be purchase for the use of A & N Home Guard Organization fleet is as follows:-

- a) **01 No. LMV** vehicle for the use of Area Commandant (HG), A & N Home Guard Organization.
- b) **01 No. LMV** (Bus/Truck) would be propose to purchase against the condemnation of vehicle bearing registration No. AN-384, presently owed by this organization which is too old. The vehicle may use for deployment of staff's during the duty hours in far flung areas for timely deployment.

Communication

Name of the Department: Police

Name of the Sub-Sector: Island communication

The Police Radio Organization is the Communication Wing of A & N Police Department and this Department is solely responsible for the transmission & receiving of messages pertaining to Police Department as well as A & N Administration and its subordinate offices.

VHF Repeater sets, HF communication equipments, Smart plus and other communication equipments and associated accessories are approved to be purchased during the 15 years vision for smooth communication in the existing VHF and HF communication Network for the controlling as well as smooth functioning of Law & Order duties in Middle & North Andaman District and Nicobar District.

Strategy up to 2024 to reach the vision over 15 years

- A&N Police Radio Organization is playing a vital role in the communication sector in A&N Islands for Police as well as A&N Administration.
- To replace the existing old communication equipments in the phase manner stage by stage for improvement in communication between far-flung remote Islands and Hqrs.
- Introduction of new Data communication equipments (SMART PLUS) in the HF network for the speedy transmission of wireless message.
- Installation of more WIPA Systems in these Islands for public announcement in various places during any disaster and natural calamities.
- Installation of VHF Repeater stations at Arong, Car Nicobar for strengthening the range of communication in the VHF network at Car Nicobar.
- All LOPs/OP/PS & Disaster management will be provided with Satellite Phones to meet any disaster or emergency situation

- Latest communication equipments like HF Manpack Transceiver are to be procured for Anti poaching operations in far flung Islands.
- Communication support to Police in crime, law & order, assistance during VVIP security and protection of Tribes.
- Helping Administration in Inter-Department coordination.
- Providing assistance in Medical evacuation of patients and emergencies in remote Islands.
- Providing communication coverage for anti- poaching operations in far flung Islands through PR stations.
- Providing communication support to PS/OPs/JPPs and LOPs.
- Providing Meteorological data of remote Stations to Island Observatory.
- Providing bulk SMS message service to all senior officers during Earth quake /Tsunami.
- Maintenance of Police Telephone network (EPABX).
- Communication assistance to the Fire Service, Traffic Branch, IRBn and PMF.
- Providing Public Address System during VVIP/VIP visit to these Islands, National functions and important events of A & N Administration.
- Encryption and decryption of messages which are classified in nature.
- Short distance communication and extended coverage of communication through VHF Repeaters installed in various places on terrestrial links by VHF.
- Maintaining uninterrupted long distance communication coverage about 500Kms towards extreme North and South of A & N Island by HF (3MHz – 7 MHz band) where territorial link by VHF is not feasible.
- Extending Communication support to Disaster Management during Disaster and Mock Exercises.
- WIPA (Wireless Integrated Public Address) System introduced under Safe City scheme.

