

NEWSLETTER

Digital Edge

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Department of Information Technology
Andaman & Nicobar Administration



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Digital Transformation of the Islands through DIT

The Department of Information Technology, Andaman & Nicobar Administration, implements the flagship programme – Digital India and other core e-Governance and Telecom projects.

Domains handled by DIT:

Preparation of Policy guidelines for matters related to implementation of e-Governance/Digital India initiatives in all the departments of A&N Administration including Information Security/ Cyber security policy, IT Acts, ESD Rules etc. and implementation of such policies.

Preparation of Plan Schemes, Budget Estimates, GIA proposal etc. for undertaking the core Digital India projects such as A&N State Data Centre, Common Service Centre, A&N State Wide Area Network, e-District, e-Procurement, other e-Governance initiatives of MeitY etc. through the State Implementing Agency, SOVTECH and augmentation of telecom bandwidth in A&N Islands through BSNL.

Vetting of proposals of various departments for implementation of Mission Mode Projects of Digital India and other e-Governance projects.

Coordinating with DOT and BSNL in augmentation of telecom and internet bandwidth in A&N Islands including matters related to Chennai and A&N islands Submarine Cable project of Govt. of India

From the Secretary's desk

A.S.P.S. Raviprakash, IAS

Secretary (IT)

Andaman & Nicobar Administration



Welcome to the first edition of the Newsletter of the Department of Information Technology, A & N Administration. As we continue to drive innovation and digital transformation in our beautiful islands, it brings me great pleasure to share the progress and exciting developments that our department has been working on.

We are proud to see our digital services and e-governance platforms gaining momentum, improving access to vital services, and promoting transparency in governance. Additionally, we remain committed to fostering digital literacy, ensuring that everyone, from the youngest students to senior citizens, can harness the power of technology in their daily lives.

I am pleased to inform that A & N Administration has signed a MoU with the Wadhvani Foundation – (a non-profit organization dedicated to economic development through technology and innovation) to align with GoI vision of integrating emerging technologies and to enhance public service delivery.

We have plans to integrate AI and blockchain technologies in the e-services being catered to the citizens of these islands. The blockchain technology will make the documents reliable, immutable and easily traceable. With AI Assist the citizens can efficiently navigate the platform and obtain answers to common questions.

The role of SOVTECH in implementing e-Governance projects in the islands through State Data Centre, State Wide Area Network, Common Service Centres, e-District along with software development and IT support to the Administration is commendable since it has immensely benefitted the citizens and the government departments of these islands.

The future is digital, and we are excited to embark on this journey, working together to overcome challenges and seize the opportunities that technology offers.

A.S.P.S. Raviprakash

Reliable Data, Resilient Future through SDC



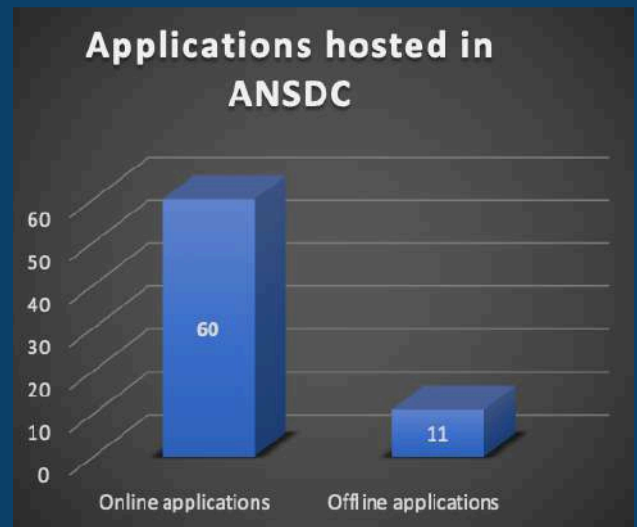
A & N State Data Centre (SDC) is a key IT Infrastructure for the UT of A & N Islands as it is the only reliable and secure hosting space for all its Digital Government Initiatives.

The SDC services are extended to Government departments and Citizens through connectivity infrastructure such as Andaman and Nicobar State Wide Area Network (ANSWAN) and Common Service Centre (CSC).

Andaman and Nicobar State Data Centre was set up in the year 2013.

SOVTECH is the State Implementing Agency.

All the line departments of the Andaman & Nicobar Administration are leveraging the services of SDC infrastructure space to house ICT assets within the UT in an environment that meets the need for reliability, availability, scalability, security and interoperability.



Currently SDC is hosting 71 applications of the Administration, which includes critical applications like eDistrict, ePDS, CCTNS, Electricity Billing, Official Portal of Administration, e-recruitment etc.

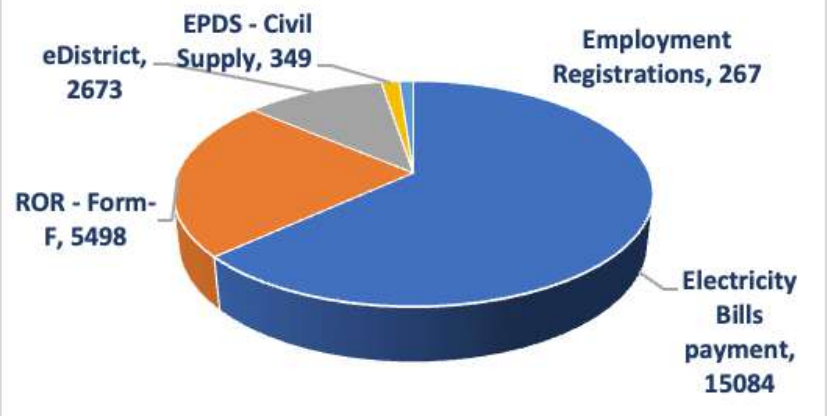
State Data Center has been provided with internet lease line from BSNL with a bandwidth of 400 Mbps to enable web hosting of the applications.

The facility is equipped with round the clock power supply and sustains full operations for a maximum of 72 hours in case of complete power disruption.



Common Service Centres (CSCs) are a key component of the Digital India initiative launched by the Government of India. These centres aim to provide essential government and non-government services to citizens, particularly in rural and remote areas, through digital means. By acting as access points for various public utility services, social welfare schemes, healthcare, financial, and education services, CSCs play a crucial role in the digital empowerment of the underserved population

No of Services Delivered in January-2025

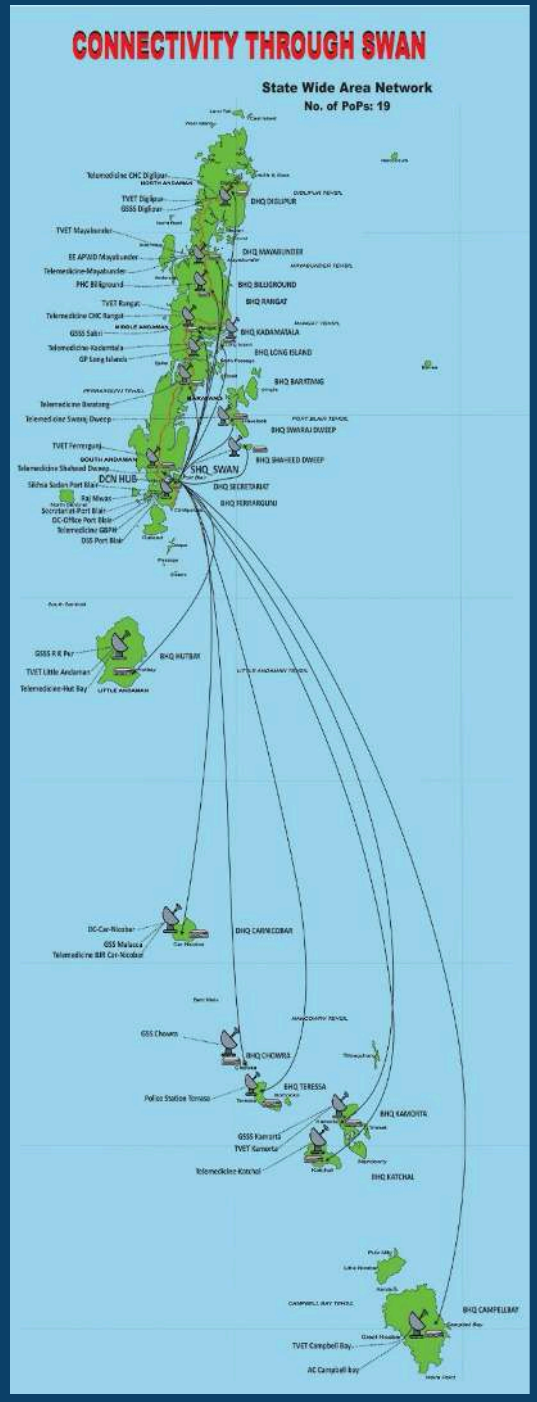


The concept of CSCs was introduced in 2006 under the National e-Governance Plan (NeGP). The primary objective was to establish a network of ICT-enabled access points for delivering various government services to the rural populace. Over time, the scope of CSCs has expanded significantly. In 2015, under the Digital India program, CSCs were further empowered to offer a broader range of services, making them a vital component of the government's strategy to enhance digital inclusion.

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As on date, total 129 Government services of various Departments are offered through 99 Common Service Centers, total 42.62Lakhs of services delivered through CSCs since inception.

Strengthening Island Networks for a Smarter Tomorrow – SWAN



The Scheme for establishing State Wide Area Network (SWAN) across the country was approved to connect all State/UT Headquarters up to the Block level via District/sub-Divisional Headquarters, in a vertical hierarchical structure. Each of the State/UT could enhance the bandwidth between SHQ and DHQs and BHQs depending upon the utilization.

SWAN is envisaged as the converged backbone network for data, voice and video communications throughout a State/UT with one PoP at each State / District / Block Headquarter and each PoP has Configurable Aggregation Equipment to enable vertical & horizontal connectivity Gateway for Inter-State/UT connectivity.

The States/UTs are utilizing the core infrastructure of SWAN for providing the closed user connectivity to various Government offices in the State/UTs. These offices access their applications through SWAN in secured environment hosted at State Data Centres (SDCs).

Andaman & Nicobar SWAN (AN-SWAN) provides Closed User Group (CUG) network of speed of 2 Mbps-100 Mbps through its 19 Points of Presence

(PoPs) [State Head Quarter (SHQ)-01, District Head Quarter (DHQ)-4 & Block Head Quarter (BHQ)-14] providing data, voice & Video connectivity to more than 520 government officials and 100 Common Service Centers(CSCs) aiming:

Efficient Delivery: The network aims at increasing the efficiency of the government delivery mechanism and optimize the performance.

Reliable Connectivity: SWAN would provide reliable, vertical and horizontal connectivity within the UT Administration and facilitating electronic transactions between all the Government Departments.

Connecting Communities through Telecom

Bandwidth Improvement



BharatNet -All 07 Blocks, 70 GPs & 04 TCs to be connected through OFC/VSATs - Implemented by DoT
 68 GPs through OFCs, 02 GPs through VSATs & 04 TCs through OFC/VSAT
 Extended to 7179 Citizens, 236 Govt offices including Schools, Health Centers, Police Stations)
 Fibre Leased out- 274.066 Kms Bandwidth Usage - OFC – 6234.569 TB, VSAT - 28.7 TB)
 Phase III- Bid Process for upgradation (linear to ring topology), providing 1 GB B/w at each GP, 10 yrs O&M offering FTTH, is under process by BSNL

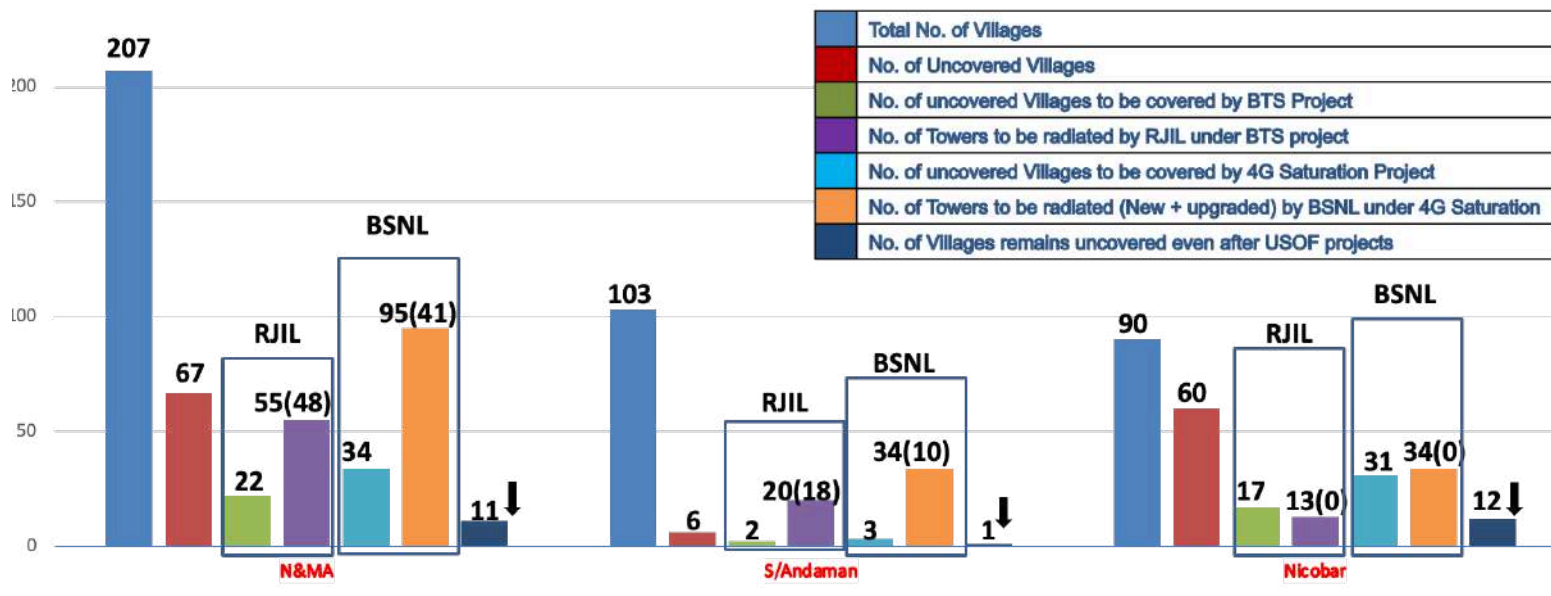
CANI-SMC -Implemented by DoT – Funded by USOF
 8 Segments connecting various islands operational from Oct, 2020
 200 Gbps (Chennai-Port Blair), 100 Gbps (SVP-Swaraj-Dweep, L/A, Long Isl, C/N, C/Bay, Nancwry, Rgt-Long Isl)
 Bandwidth subscribed - 232.31 Gbps (BSNL: 121.155 G, Airtel: 88 G, RJIL: 22 G, Vodafone: 0.155 G)
 CANI-SMC usage – 97.4821G (BSNL-55.206 G, Airtel- 32.5 G, RJIL- 9.44G, Vodafone- 0.3361G)

Satellite Bandwidth Augmentation
 2014 - Bandwidth availability was through satellite (< 1% of total requirement - 345 Mbps as on 1st April, 2015)
 2016-24 - Augmented to 4.046 Gbps through BSNL with Project cost
 2025-26 - Proposed to be reduced to bare minimum of 1.018 Gbps
 Additional 340 Mbps proposed for 16 uncovered islands

Mobile Coverage

124 BTS - USOF funded - executed by M/s RJIL.
 ■ 88 Towers for covering 41 villages and 47 NH location
 ■ Status - 66 Towers radiated.

4G Saturation - USOF funded - executed by M/s BSNL
 ■ 93 New + 70 Tower upgradation for covering existing & 68 uncovered Villages
 ■ Status - 27 New + 24 upgradation towers radiated.



A glance at Software Development by SOVTECH

State Portal



Visitor Count
2172960

andaman.gov.in

Daily Telegram

The Daily
Telegrams

Visitor Count
4609214

dt.andaman.gov.in

AHVS



Visitor Count
14489

ahvs.andaman.gov.in

ANCOL



Visitor Count
06462

ancol.andaman.gov.in

Zilla Parishad,
South Andaman



Visitor Count
61215

zpsa.andaman.gov.in

Electricity



Visitor Count
012837

vidyut.andaman.gov.in

DHS



Visitor Count
3339436

dhs.andaman.gov.in

SOVTECH



Visitor Count
9887

sovtech.andaman.gov.in

Tourism Portal



Visitor Count
02074

andamantourism.gov.in

RDPRI



Visitor Count
12994

rdpri.andaman.gov.in

Science & Technology



Visitor Count
91771

dstpcc.andaman.gov.in

RCS



Visitor Count
7934

rcs.andaman.gov.in

Education



Visitor Count
36025

education.andaman.gov.in

ANI eSeva



Visitor Count
2721

anieseva.andaman.gov.in

ANACS



Visitor Count
161242

anacs.andaman.gov.in

Andaman Law
College



Visitor Count
01654

andamanlawcollege.andaman.gov.in

Empowering Citizen, Powering Digital India through SOVTECH

अंडमान तथा निकोबार प्रशासन
Andaman & Nicobar Administration



EASY REPORTING

Snap a photo for reporting



LIVE UPDATE

Track complaint status in real-time



QUICK RESPONSE

Assured response by local authorities

AN SEVA 311

CITIZENS PARTICIPATION IN RESOLVING PROBLEM

Report your issues and track the status in just a tap with the AN SEVA 311 App

COMPLAINTS:



Sanitation / Cleanliness



Accident / Rash Driving



Water / Pipeline leakage



Pot hole / Road



Illicit Activities



Voltage fluctuations

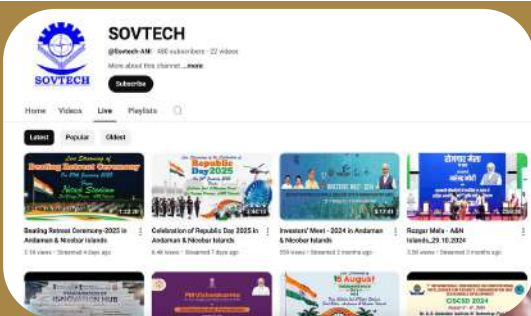


Any other complaints



Download AN Seva 311 App from Google Play Store or Scan QR Code

Live Streaming of State and National Events



Chief Secretary, A & N Administration

Dr. Chandra Bhushan Kumar, IAS

Republic Day 2025

Information Security / Cyber Security



Information Security Policy Document

- UT's Info Sec Policy document shared with all deptts
- Transport & SVPMC finalized their IS Policy
- SoP for Cyber Security for Govt deptts and employees issued

CCMP

Cyber-Crisis Management Plan (CCMP)

- UT's CCMP document shared with all deptt
- Shipping, Transport, SVPMC & CS&CA: finalized their CCMP

ISMS

ISMS- ISO 27001 Implementation

- 10 Pilot deptt identified for implementation : Police, DC (SA), SVPMC, CS&CA, Transport, Agri, SW, Shipping, Electricity & PMB – ISMS Documents prepared as per ISO 27001 by all 10 deptts
- CISO & Steering Committee constituted in Tpt, CS&CA, DC(SA), SVPMC, PMB, Shipping & SW
- Implementation of other controls in progress

CII

Critical Information Infrastructure (CII)

- SWAN & SDC are identified as Critical Information Infrastructures
- SDC declared as a Protected System by NCIIPC
- Notification for SWAN awaited

Right of Way Policy

Policy

A&N Admn. made amendments in RoW policy in line with Central RoW amendment Rules

Notified through Administrative Order in May, 2023

Amendments

Addendum issued in June, 2024 in conformity with subsequent amendments in GoI's Indian Telegraph Right of Way Rules

PM Gatishakti Sanchar Portal

Onboarded to Central RoW Portal – PM GATI Shakti Sanchar Portal

Users activated in 13 Deptts - DC(SA), DC(NMA), Electricity, Zilla Parishad (SA), APWD, PBMC, Shipping, PMB, Forest, Agriculture, RD, PBMC, Arts & Culture

RoW Permission Status

72 applications received in PM Gatishakti Sanchar Portal

- 32 applications approved - fee pending from the applicants
- 01 permission letter issued by O/o DC(NMA) belonging to APWD after fee payment
- 07 applications rejected
- 13 applications reverted
- 19 Private intimation application received

A Journey of Achievements, a Future Of Possibilities

- **e-Office** – e-Office is the medium to achieve a Simplified, Responsive, Effective, Accountable and Transparent working in Government offices. The speed and efficiency of eOffice not only assists departments in informed and quicker decision but also makes them go paperless

Status of e-Office implementation:

Total departments onboarded	61
Total users onboarded	5000
Total eFiles created	88682
Total eFiles moved	3532804
Total eReceipt created	969717
Total eReceipt moved	44983033

The implementation of eOffice has ushered in a new era of governance, bringing about transparency, effectiveness, and accelerated proposal disposal.

The accountability of officials has been enhanced, and financial savings in terms of reduced consumption of paper, toner, and minimized reliance on vehicles for correspondence dispatch.

The manpower traditionally involved in physical document handling has been optimized, contributing to operational efficiency.

- **iGOT Karmayogi** – online learning platform to help government officials develop their skills and manage their careers.

Status of usage of iGOT Karmayogi :

Total Departments onboarded	52
Total users onboarded	25223
Total Course enrolment	113735
Total Course completed	80235

Data as on 06.01.2025

iGOT Karmayogi provides training for government employees, Helps government officials meet their knowledge needs, Helps transform government officials and governance, Helps empower civil servants, and Helps build capacity for officials.

How does iGOT Karmayogi work?

- Provides training modules from institutions, universities, and private content providers
- Allows government ministries and organizations to curate content
- Allows users to learn anytime, anywhere, on any device

7811555 Total Karmayogis Onboarded

1828 Total Courses

23981993 Total Completions

585605 Monthly Active Users

36177 Certifications Issued Yesterday

Focus On Emergent Technologies

Sensitizing sessions held on AI & other Emergent technologies through Wadhvani Foundation (a non-profit organization dedicated to economic development) in staggered session of 3 Days in June, 2024, covering 200 officials.

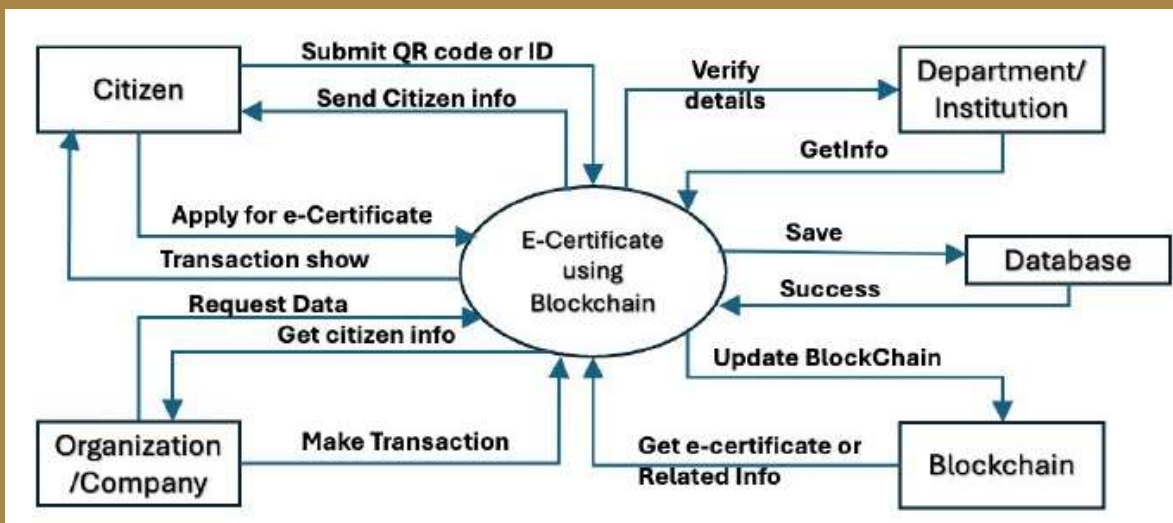
One dedicated session was held for Chief Secretary and other Senior Officers.

Signed MoU with Wadhvani Foundation on 9th August 2024.

Reskill mid to senior level government officials so that they can envisage and initiate some of the emerging technologies based projects.

Focus on 21st Century skills for youth with focus on employability and be better market- ready.

All initiatives and engagements are 100% on probono basis.



Implementation of BlockChain technology in eDistrict Services





An initiative of :

Department of Information Technology and SOVTECH
Andaman and Nicobar Administration
DBRAIT Campus, Pahargaon, Sri Vijaya Puram – 744103

Please send your suggestions and feedback at : osditl@and.nic.in