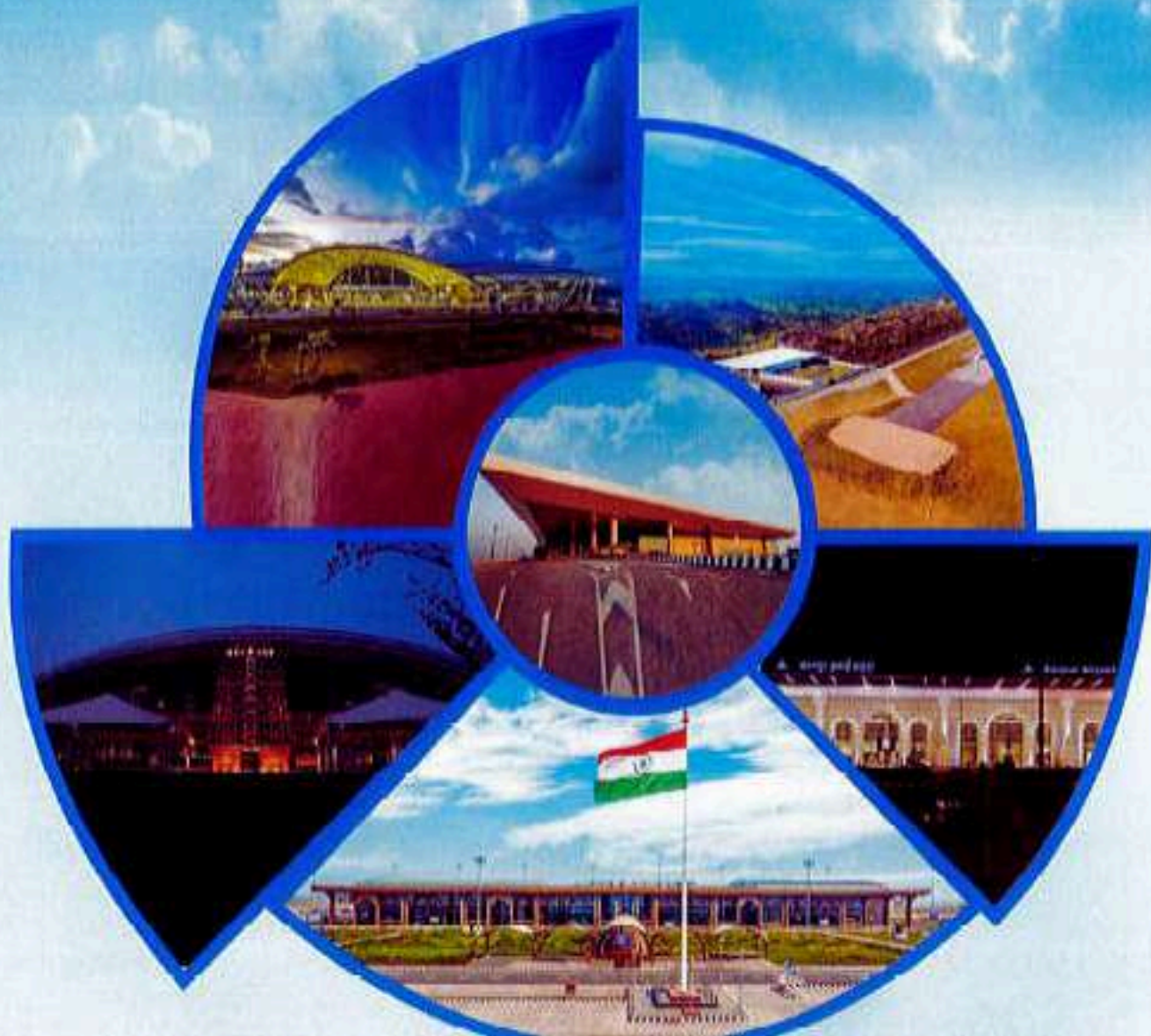


ANNUAL REPORT | 2023-24

01.01.23 - 31.03.24



**MINISTRY OF CIVIL AVIATION
ANNUAL REPORT
2023-24
(01.01.2023 to 31.03.2024)**

A blue horizontal bar with white double chevrons on both ends pointing towards the center. The word "VISION" is written in white capital letters in the center of the bar.

VISION

“Enable the people to have access to safe, secure, sustainable and affordable air connectivity services with World-Class Civil Aviation Infrastructure.”

A blue horizontal bar with white double chevrons on both ends pointing towards the center. The word "MISSION" is written in white capital letters in the center of the bar.

MISSION

- To create World-Class Civil Aviation Infrastructure facilities.
- To establish effective regulatory framework, including for safety, in harmony with international standards.
- To connect presently un-served areas of the country.
- To develop skilled human resource according to the needs of the sector.
- To deploy advanced technologies for the optimal growth of the sector.
- To ensure maximum satisfaction of users / optimize consumer satisfaction.

INDEX

S. No.	Contents	Page No.
1.	Highlights	04-27
2.	Ministry of Civil Aviation	28-42
3.	Directorate General of Civil Aviation	43-67
4.	Bureau of Civil Aviation Security	68-75
5.	Commission of Railway Safety	76-81
6.	Aircraft Accident Investigation Bureau	82-86
7.	Indira Gandhi Rashtriya Uran Akademi	87-97
8.	Airports Economic Regulatory Authority	98-113
9.	Airports Authority of India	114-179
10.	AI Asset Holding Limited & Its Subsidiaries	180-207
11.	Rajiv Gandhi National Aviation University	208-221
12.	Pawan Hans Limited	222-229
13.	Accounting Organization in the Ministry	230-234
14.	Welfare of Women	235-236
15.	Facilities to Person with Disabilities	237-238
16.	Representative of India (ROI) on the Council of ICAO	239-245
17.	Annexure I: List of Airports	246-253
18.	Annexure II: List of RCS(UDAN) Routes	254-276

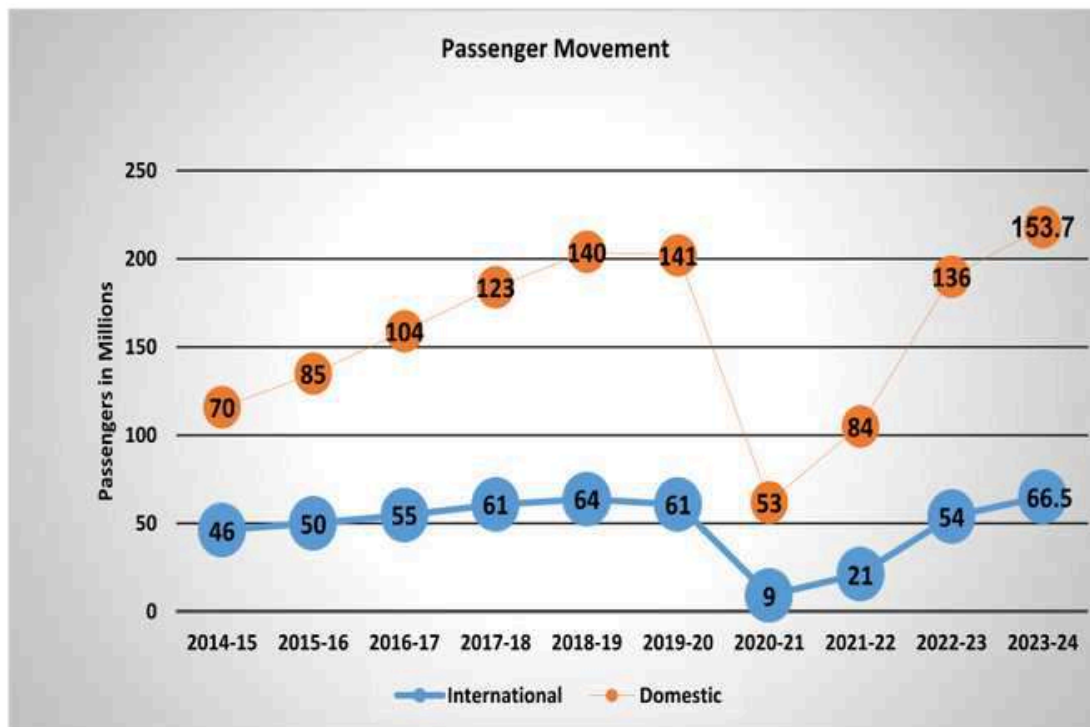
1. HIGHLIGHTS

1.1 PASSENGER GROWTH

Domestic Routes - During the FY 2023-24, Scheduled domestic airlines operated a total number of 10.6 lakh scheduled flights carrying a total of 153.7 million scheduled passengers as against 10.0 lakh scheduled flights carrying total of 136.0 million scheduled passengers during the previous financial year 2022-23. The number of domestic passengers carried by scheduled domestic Indian Carriers has witnessed a growth of 13 percent in the year 2023-24 as compared to the previous FY 2022-23.

International Routes Passengers Carried by Scheduled Operators as on 31.03.2024 - During the FY 2023-24, a total of 66.5 million passengers were carried on international routes by Scheduled Indian/foreign carriers as against 54.6 million in the corresponding period in FY 2022-23, thereby witnessing a growth of 21.7%. Out of the 66.5 million passengers, 29.6 Million passengers were carried by Scheduled Indian carriers while 36.9 million passengers were carried by scheduled foreign carriers during the FY 2023-24.

PASSENGER GROWTH OVER THE YEARS



Domestic & International Air Passenger number in 2023-24 has crossed pre-COVID level.

1.2 SCHEDULED OPERATORS

As on 31.03.2024, there are Seventeen (17) Scheduled/Scheduled Commuter operators viz. AIX Connect Pvt. Ltd. (previously known as AirAsia India Pvt. Ltd.), Air India, Alliance Air, Air India Express Ltd., Go Airlines (India) Ltd., InterGlobe Aviation Ltd.-(Indigo), SpiceJet Ltd., Tata SIA Airlines Ltd. (Vistara), SNV Aviation Pvt. Ltd (Akasa Air), Zexus Air Services Pvt. Ltd. (Zoom), Ghodawat Enterprises Pvt. Ltd. (Star Air), GSEC Monarch and Deccan Aviation Pvt. Ltd. (India One Air), Big Charter Pvt. Ltd. (Fly Big), Pawan Hans Ltd., Just Udo Aviation Pvt. Ltd. (Fly91) Operating on the International/Domestic sector providing a wide choice of flights and connectivity to various parts of India. Additionally there are two Cargo Airlines viz. Blue Dart Aviation Ltd. And QuikJet Cargo Airlines Pvt. Ltd. Operating Scheduled Cargo services in the country. Further, SpiceJet Ltd. And IndiGo are also operating Cargo Operations with three (3) B737 & three (03) A321 Freighter aircraft respectively.

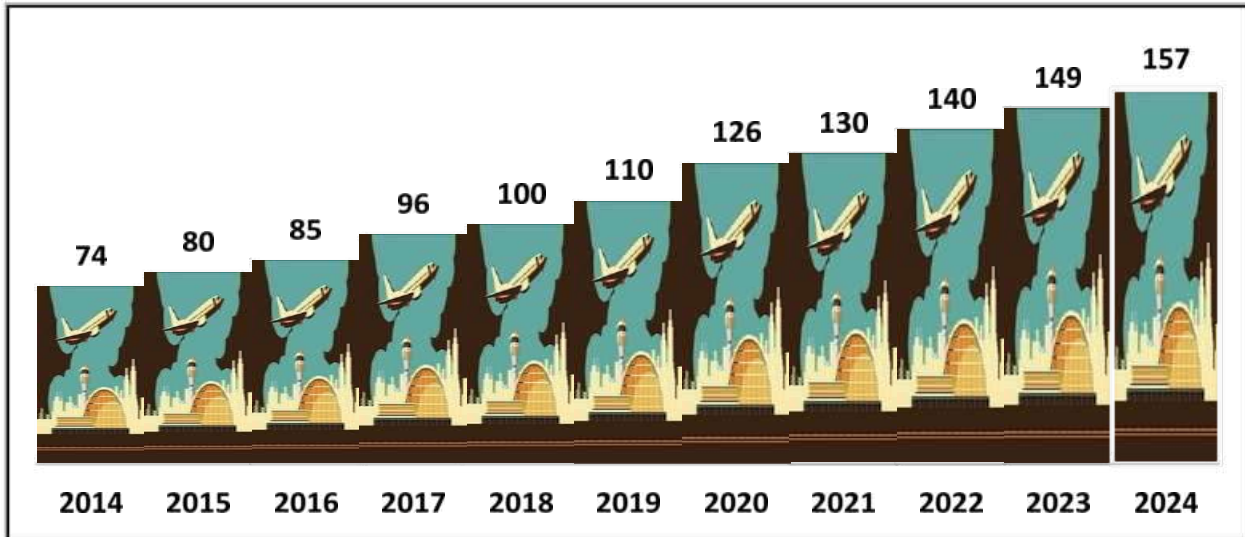
Note: Go Airlines (India) Ltd. (Go First) stopped their operations w. e. f. 03.05.2023 and is currently undergoing Corporate Insolvency Resolution Process under IBC, 2016.

1.3 NON-SCHEDULED OPERATORS

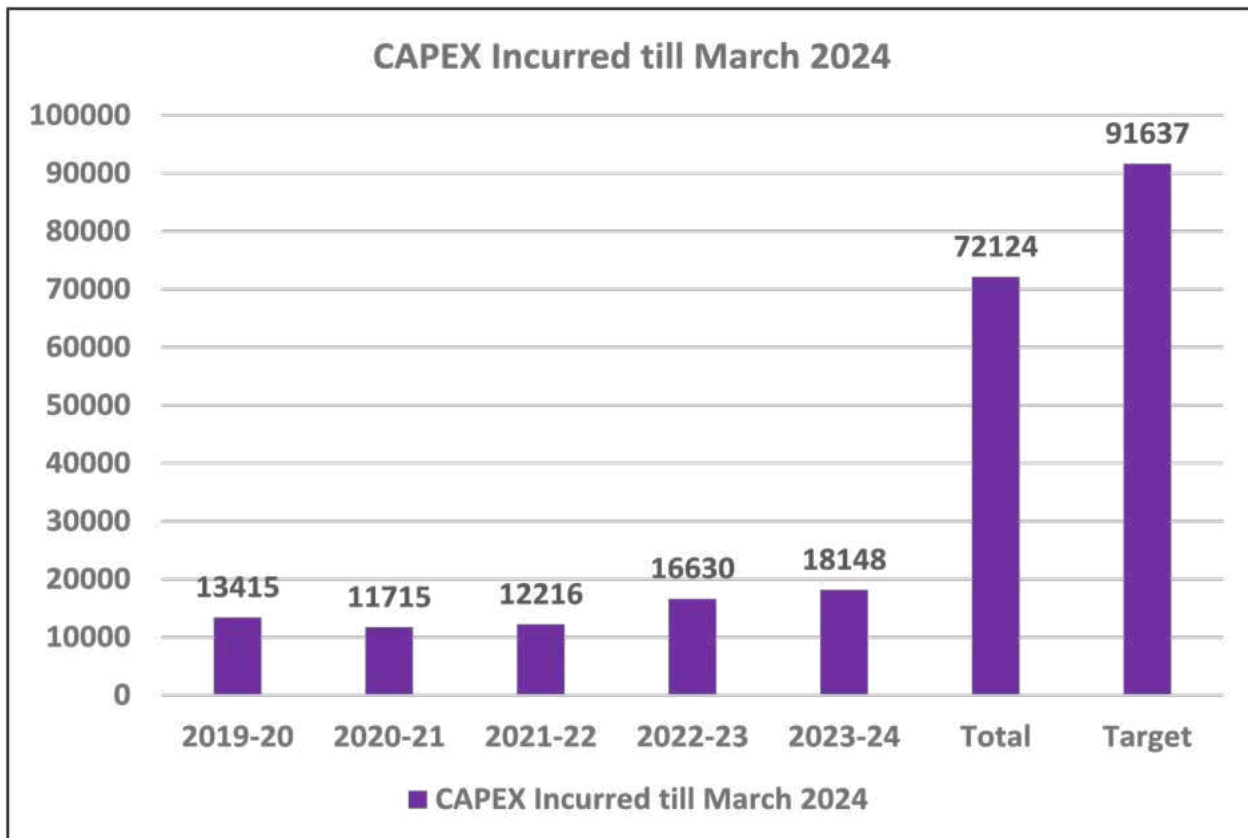
During the period from April 2023 to 31st March 2024, 16 new Air Operator Permit (NSOP) were granted, and as on 31st March 2024, a total number of 116 companies are holding Non-Scheduled Operator's Permit, as against 103 companies as on 31st March 2023.

1.4 AIRPORTS

The number of airports has gone up from 74 in 2014 to 157 till now. Under National Infrastructure Pipeline (NIP), CAPEX of more than Rs.90000 crore is likely to be incurred during the period FY 2019-20 to FY 2024-25, where AAI would be incurring approx. Rs. 25000 crore and remaining expenditure shall primarily be borne by airport developers under PPP mode. Approximate expenditure of Rs. 72000 crore has been incurred under NIP during last five years from FY2019-20 to FY2023-24. Remaining Expenditure of Rs. 19000 crore (approx.) is targeted to be incurred under NIP during 2024-25.



* The airports in 2024 are as on 31.03.2024



1.5 GREENFIELD AIRPORTS

Government of India (GoI) has formulated a Greenfield Airports (GFA) Policy, 2008 which provides guidelines, procedure and conditions for establishment of new Greenfield Airports in the country. As per Policy, an airport developer, including the State Government, willing to establish an airport is required to send a proposal to Ministry of Civil Aviation (MoCA), in the prescribed format for a 2-stage approval process i.e. 'Site Clearance' followed by 'In-Principle'

approval. Government of India has so far accorded 'In-principle' approval for setting up of 21 Greenfield Airports across the country namely, Mopa in Goa, Navi Mumbai, Shirdi and Sindhudurg in Maharashtra, Kalaburagi, Vijayapura, Hassan and Shivamogga in Karnataka, Dabra (Gwalior) in Madhya Pradesh, Kushinagar and Noida (Jewar) in Uttar Pradesh, Dholera and Rajkot in Gujarat, Karaikal in Puducherry, Dagadathi, Bhogapuram and Oravakal (kurnool) in Andhra Pradesh, Durgapur in West Bengal, Pakyong in Sikkim, Kannur in Kerala and Itanagar in Arunachal Pradesh across the country.

Out of these, 12 Greenfield airports, namely Durgapur, Shirdi, Sindhudurg, Pakyong, Kannur, Kalaburagi, Oravakal, Kushinagar, Itanagar, Mopa, Shivammogga and Rajkot have been operationalised.

During 2023, three Greenfield airports, namely, Mopa, Shivammogga and Rajkot have been operationalized.



Rajkot Airport

1.6 EXPANSION WORK COMPLETED AT PPP AIRPORTS FROM 01.01.2023 TO 31.03.2024

Commissioning of 4th runway and Eastern Cross Taxiway at Delhi Airport

Commissioning of new T2 terminal with domestic and international operations at Bangalore airport

Expanded Terminal building at Hyderabad Airport

Restructuring of the Pre-embarkation security check area in Mumbai airport

Terminal I expanded at IGI Airport

New Terminal building inaugurated at Lucknow Airport



Lucknow Airport

1.7 AIRPORTS RUN ON 100% GREEN ENERGY

Use of conventional sources of energy is the prime source of carbon emission at airports and thus replacing non-renewable energy with green energy helps in reducing the carbon footprint of the airport. Therefore, MoCA has advised all the operational airports with scheduled operations and developers of the upcoming Greenfield Airports to work towards achieving Carbon Neutrality & Net Zero which inter-alia includes use of green energy. Presently, 73 airports across the country are operating with 100% Green Energy.

1.8 CONGESTION AT AIRPORTS

Congestion at major airports was witnessed during festive season/Winter 2022. It took longer waiting time for passenger processing at various touch points i.e. Entry gates, Terminal building, Check-in counters of airlines, Pre-embarkation security check, Immigration, Emigration and waiting space at the Security Hold Area.

Ministry of Civil Aviation made concerted efforts in collaboration with all the stakeholders including airport operators, BCAS, MHA, CISF, Bol etc. in identifying the bottlenecks for necessary augmentation of infrastructure at airports. In the first phase, Metro Airport operators of Delhi, Mumbai, Bangalore, Hyderabad, Kolkata and Chennai airports were directed to identify bottlenecks in passenger processing and augment their capacities to meet the growing passenger demands so that such congestion scenario does not recur in the upcoming festive season and during peak time. Subsequently, 10 more airports viz. Bhubaneswar, Chandigarh, Goa, Patna, Jaipur, Guwahati, Lucknow,

Ahmedabad, Trivandrum and Cochin were identified in September '23, where the Airport operators were sensitized to take proactive measures to avoid congestion by augmenting capacities, wherever required.

Additional space have been created at airports by restructuring the available terminal infrastructure to release more space and augment capacity at several passenger touch points for airport operators to be in readiness to handle more passengers comfortably, thereby reducing congestion. MoCA and its agencies are almost on a daily basis monitoring the efforts made by airport operators, the airlines and other stakeholders to ensure that the mitigation measures which are in place are duly complied with and the ultimate airport user, i.e. the passenger(s) get the best travel experience. Identified Passenger Touch points and its improvement at 16 airports over a period of one year is as follows:

- Entry Lanes has been increased by 46% from 213 (as on Dec, 2022) to 312 (as on Dec, 2023).
- Check-in Counters has been increased by 24% from 1316 (as on Dec, 2022) to 1633 (as on Dec, 2023).
- XBIS/ATRs at Security Check Points has been increased by 37% from 234 (as on Dec, 2022) to 321 (as on Dec, 2023).
- CISF workforce has been increased by 21% from 20,487 (as on Dec, 2022) to 24,733 (as on Dec, 2023).
- Bol counters for Immigration/Emigration functions increased by 24% from 808 (as on Dec, 2022) to 1,002 (as on Dec, 2023).

1.9 AIRPORT AUTHORITY OF INDIA (AAI) AIRPORTS

- New Integrated Terminal Building (NITB) (Phase-1) of Chennai International Airport, in Chennai, Tamil Nadu constructed in an area of 1, 36,295 sqm. at a cost of Rs.1260 Crores that shall enhance the passenger handling capacity of Chennai Airport to 30 Million Passengers Per Annum (MPPA) from 23 MPPA. The NITB was inaugurated on 08th April, 2023.
- New Civil Enclave at Kanpur Airport has been developed in Uttar Pradesh over an area of 6243 sqm. at a project cost of Rs. 150 Crores and is equipped to handle 400 passengers during peak hour. The newly developed apron is suitable for parking three A-321/ B-737 types of aircraft along with a new link Taxi Track of 713m x 23m. The New Civil Enclave at Kanpur Airport was inaugurated on 26th May, 2023.
- New Integrated Terminal Building of Veer Savarkar International Airport, Port Blair has been constructed in an area of 40,837 sqm at a cost of Rs. 710 Crores with a capacity to serve 1200 passengers during peak hours and 50 lakh passengers annually. The NITB was inaugurated on 18th July, 2023.
- New infrastructure at Tezu Airport, Arunachal Pradesh that includes an extension of the runway (1500m x 30m), the construction of a new apron for 02 nos. ATR 72 type aircraft, construction of a new terminal building, and a fire station cum ATC Tower, has been developed at a cost of Rs. 170 Cr. The newly developed infrastructure was inaugurated on 24th September, 2023.
- Cabinet has approved declaration of Surat Airport as an International Airport on 15.12.2023. The existing Surat Airport in Gujarat has been expanded at a total cost of Rs.353 Crores. As part of this expansion, the existing Terminal building has been extended to an additional area of 17046 sqm to make the total area of the Terminal building 25520 sqm. The NITB will be able to cater to 1800 passengers during peak hours with an annual handling capacity of 35 lakh passengers. The building has provision for further increasing the peak hour capacity to 3000 passengers during peak hours with annual handling capacity to 55 lakh passengers. The NITB of Surat Airport was inaugurated on 17th December, 2023.
- Maharishi Valmiki International Airport in Ayodhya, Uttar Pradesh has been developed at a cost of more than Rs 350 crore. The airport's terminal building has an area of 6500 Sqm, equipped to serve about 10 lakh passengers annually. The Airport was inaugurated on 30.12.2023

- The New Terminal Building at Tiruchirappalli International Airport was inaugurated on 02.01.2024. Developed at a cost of more than 1100 crore, the two-level new international terminal building can serve more than 44 lakh passengers annually and about 3500 passengers during peak hours.
- The link building connecting Terminal 1 (T1) and T2 at Biju Patnaik International Airport, Bhubaneswar constructed at a cost of Rs 87.21 Cr. and covering 3360 sqm. area, has been inaugurated on 06.02.2024. It will enable the passengers travelling in T-2 (International Terminal) to make use of Passenger Boarding Bridge (PBB) facility available in T-1.
- New Terminal Building (Phase-II) at Dehradun Airport has been inaugurated on 14.02.2024. The total cost of the entire project completed in two phases is Rs. 486 Cr. and the overall area of the Terminal Building has been increased to 42,776 sqm. on completion of both the phases. The terminal will be able to serve 3240 passengers during peak hours and 47 Lakh passengers annually.
- Civil Aviation Research Organization (CARO) has been established at Begumpet Airport, Hyderabad at a cost of ₹346 Cr. in an area of 39,080 Sqm. to provide a global research platform for the aviation community through in-house and collaborative research to provide indigenous and innovative solutions. The research facility has been inaugurated on 05.03.2024.
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- New Terminal Buildings at Pune, Kolhapur, Gwalior, Jabalpur, Delhi (T-1), Lucknow (T-3), Aligarh, Azamgarh, Chitrakoot, Moradabad, Shravasti and Adampur Airports have been inaugurated on 10.03.2024. The 12 new Terminal Buildings constructed at a combined cost of about Rs. 8900 Cr. will have a combined capacity to serve more than 6 Crore passengers annually.



Port Blair Airport



Pune Airport

1.10 ADDRESSING SHORTAGE OF AIR TRAFFIC CONTROL OFFICERS (ATCOS)

The country was facing acute shortage of ATCOs. The Ministry, with concurrence of DPE, approved creation of 456 more posts of ATCOs in April, 2023. AAI is in process to fill these vacancies.

1.11 FLEXIBLE USE OF AIRSPACE

In the past, about 40% of the airspace was unavailable for civilian use. This resulted in aircraft adopting circuitous routes to reach their destinations – leading to inefficient use of fuel and time along with avoidable extra expenditure. IAF controls 30% of national airspace out of which 30% has been released as upper airspace under Flexible Use of Airspace. As part of 'Atmanirbhar Bharat', IAF has agreed to release these portions of airspace for civilian use. Till date 129 Conditional Routes (CDRs) have been promulgated. This will lead to significant savings in flight time, fuel usage and reduction in carbon emission. The potential savings to the airlines will be to the tune of Rs.1000 crores per annum. Total approximate savings since August 2020-Rs.774.6 crore and total CO2 reduction is 1.67 lakh tons.

1.12 AMENDMENTS TO HEIGHT RULES

Existing Height Rules governing height of the buildings around airports amended to ensure that infrastructure created at the airports may be utilized to the maximum extent without compromising the safety of aircraft operations. Key amendments have been made to the Ministry of Civil Aviation (Height Restrictions for Safeguarding of Aircraft Operations) Rules, 2015 which were officially notified in the Gazette on 30.09.2015. ATR Chitradurga, Karnataka has been included in Schedule V, Shivamogga airport has been deleted from Sl.No.18 of Schedule VII and included in Schedule IV Part I, entries related to Navi Mumbai International Airport have been substituted in Schedule VII. Additionally, Rule 9A, where the validity period of No Objection Certificates issued under a specific provision has been extended to 12 years, subject to certain conditions.

1.13 REGIONAL CONNECTIVITY SCHEME (RCS-UDAN)

The Regional Connectivity Scheme (RCS) - UDAN (Ude Desh Ka Aam Nagrik), a government-backed initiative to improve infrastructure and connectivity in India, especially in remote and underserved regions. It is a vital component of India's National Civil Aviation Policy (NCAP) 2016, launched by the Ministry of Civil Aviation (MoCA) on October 21, 2016.

Under the UDAN scheme, tentative lists of unserved & underserved airports are offered in the bidding rounds of UDAN, for interested airlines to assess the demand on particular routes connecting these airports and submit their proposals at the time of bidding. This is a dynamic process and based on the inputs from stakeholders including the States/UTs, lists are revised/updated for the bidding rounds.

Applicability of the scheme – 10 years

Air Connectivity under RCS (UDAN)-Routes awarded: 1362

Government of India approved ₹4500 Crores for revival/upgradation of unserved and underserved Airports/Heliports/Water Aerodromes owned by AAI/State Govt./CPSEs/MoD. Out of the amount of Rs. 4500 crores allotted under the scheme, amount of Rs. 4027 crores has been reimbursed to AAI for revival/upgradation of Airports till 31.03.2024. Further, Phase-II of Revival & Development scheme is approved by EFC for the period from FY 2023-24 to FY 2025-26. As per the budget announcement, Rs 1000 Cr. was approved for the development of 50 unserved & underserved aerodromes by the Government of India.

Under the scheme, 84 RCS Airports including 13 heliports & 2 Water Aerodromes have been operationalized till 31.03.2024.

The objective is to revive operations in unserved (no scheduled operations) and underserved (operations less than or =7 per week; priority regions - less than or = 14/week) existing airstrips/airports. Target = 100 airports by 2024; 1000 UDAN routes; special bidding routes to target remote/priority areas. The Cabinet Committee on Economic Affairs approved the proposal for reviving existing airports/airstrips on Mar 6, 2017 at a cost of 4500 cr.

Until bidding under UDAN 4.0, Selected Airline Operators (SAO) were required to commence operations within 6 months of issuance of their Letter of Award or within 2 months from the date the airport gets ready, unless any extension is granted by the Implementing Agency. However, from UDAN 5.0 onwards, SAO has to commence operations within 4 months of issuance of their Letter of Award if airport is ready or within 2 months from the date the airport gets ready.

Aircrafts under RCS are categorized into - Category 1a = passenger seating capacity less than 9; category 1 = 9 to 20; category 2= 21 to 80 & category 3= greater than 80.

Concessions and VGF are provided by Centre, State & airport operators.

Concessions by Centre include, excise duty of 2% on ATF for airlines running operations in RCS airports for initial period of 3 yrs.

Concessions given by State - 1% VAT on ATF for 10 yrs + provide minimum land free of cost along with multi-modal hinterland connectivity + electricity/water at discounted rates + free fire & security services + provide 20% of VGF (10% for North-Eastern states).

Concessions given by airport operators - no landing/parking charges + AAI does not levy Terminal Navigation Landing charges + AAI levies Route Navigation & Facilitation charges at 42.5% of normal rates + self-ground-handling to select airlines (as opposed to hiring an agency).

Exclusivity - Provided to select airlines on awarded routes for 3 years, no other airline will be allowed to operate on that RCS route.

Procedure for selecting an airline operator-Eligible airline operators (scheduled airline operator including the prospective airline operator who has received NOC from the Ministry) participate in the e-bidding to be held periodically.

UDAN Round	Commenced Routes	Airports operationalized			
		Unserviced	Underserved	Heliports	Water Aerodromes
1.0	56	26	12	--	--
2.0	156	16	05	11	--
3.0	165	04	02	--	02
4.0	54	01	--	--	--
4.1	44	02	--	--	--
4.2	18				
4.3	10	01			
5.0	48				
5.1	08			02	
5.2	--	--	--	--	--
5.3	--	--	--	--	--
Total	559	50	19	13	02

Status of RCS-UDAN (As on 31.03.2024) UDAN Round 1, 2, 3, 4 & 5 Outcomes:

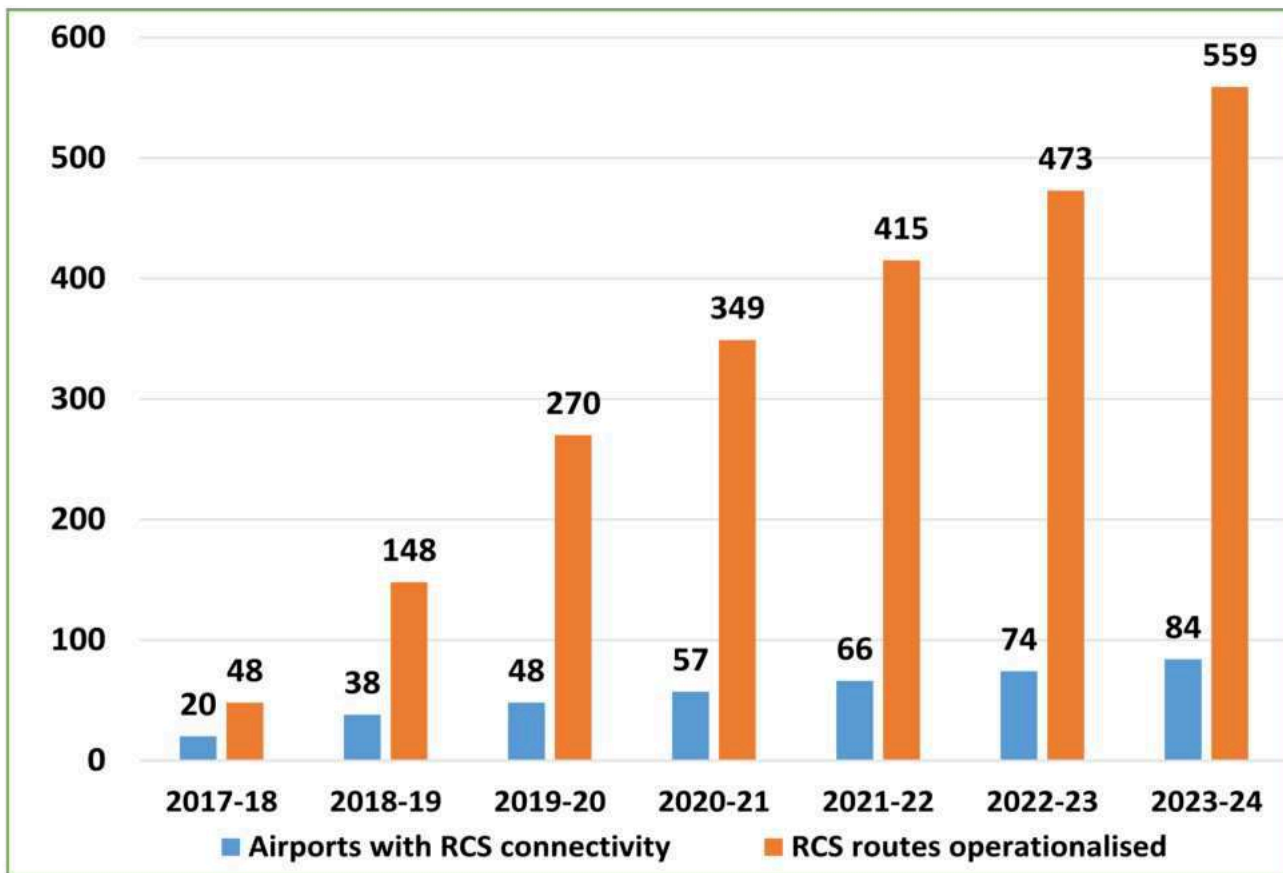
Number of Airports Operationalized	84
Number of Routes Commenced	559
Number of Passenger Travelled	136.55 Lakhs
VGF Outlay	Rs.3389 Crores
No. of operators	11
No. of flights	262593

Status of North Eastern Region under UDAN

During five round of bidding, 194 valid fixed wing and Helicopter routes are awarded in North Eastern States, which will help in attracting tourist, investors and add to ease of doing business. The following airports/Heliports/Water Aerodromes are identified under the UDAN scheme in NER;

Identified: 46;

Operationalized: 12



1.14 WINGS INDIA 2024



A mega aviation event has been organized biennially since 2008 jointly by Ministry of Civil Aviation, Airports Authority of India (AAI) and Federation of Indian Chambers of Commerce and Industry (FICCI). WINGS India events, encompassing Commercial Aviation, General and Business Aviation, are the largest event on Civil Aviation in the Asia-Pacific region. The journey of WINGS India began with the inception of the India Aviation 2008 International Conference and Exhibition. Over the years, WINGS India gained enormous traction and has established itself as an internationally recognized event today.

The event was scheduled from January 18-21, 2024, at Begumpet Airport, Hyderabad, India, with the theme "Connecting India with the world in Amrit Kaal: Setting the Stage for Indian Civil Aviation @ 2047".



The event witnessed an overwhelming participation that brought together a galaxy of dignitaries and industry leaders from across the globe. This included Hon'ble Ministerial participation from as many as seven foreign countries, boasting 28 participating States and UTs, 25 country-wise foreign delegations, 130 exhibitors, 16 sessions and roundtables, and over 200 speakers. Noteworthy were the presentation of 43 awards, a display of 25 aircraft, and the engagement of 1200+ delegates, 5000+ business visitors, and a staggering 1,20,000 general visitors. The gathering also featured globally acclaimed Original Equipment Manufacturers (OEMs), Non-Scheduled Operators (NSOP), Helicopter manufacturers, Maintenance, Repair, and Overhaul (MRO) companies, lessors, globally emerging advanced air mobility companies, startups, Flying Training Organizations (FTOs), and other relevant stakeholders.

A large number of announcements were made and agreements signed, some of which are unprecedented in the history of our country. The pioneering deals, major announcements, and MoUs that transpired during WINGS India 2024 have undoubtedly captured the attention of the global aviation community, making this edition a landmark event in the regional and potentially in the global aviation calendar which will contribute towards the vision of a Viksit Bharat @2047.

Key announcements included the launch of UDAN 5.3, the inauguration of the Airbus-Air India Training Centre, and strategic collaborations such as GMR and IndiGo's partnership for digital transformation. Additionally, Airbus awarded aircraft components manufacturing contracts to Tata Advanced Systems Limited (TASL) and Mahindra Aerospace, while Akasa Air made headlines with the declaration of ordering 150 aircraft.



1.15 DIGI YATRA

- Digi Yatra is a project conceived to achieve contactless, seamless processing of passengers at Airports based on Facial Recognition Technology (FRT). The project basically envisages that any traveler may pass through various check points at the airport through a paperless and contactless processing using facial features to establish the identity. Digi Yatra app is available on both android and iOS platform with the help of which passenger can enroll on the platform from the comfort of their home.
- Till 31.03.2024, Digi Yatra has been launched at following 14 airports i.e., Delhi, Bangalore, Varanasi, Hyderabad, Kolkata, Pune, Vijayawada, Mumbai, Ahmedabad, Jaipur, Lucknow, Guwahati, Cochin and Chennai.
- Since its launch, more than 2.5 crore passengers have availed the facility of Digi Yatra to travel through the airports. Eventually, all the airports will be covered with Digi Yatra in a phased manner.

1.16 DRONES

During the year 2023-2024, authorization to 44 Remote Pilot Training Organizations and 40 Type Certificates have been issued by DGCA. DGCA has signed a Memorandum of Understanding (MoU) with European Union Aviation Safety Agency (EASA) on 4th July 2023 to collaborate on Unmanned Aircraft System (UAS) and Innovative Air Mobility (IAM). This will ensure the highest standards of aviation safety and environmental protection with focus on development of regulatory safety standards and other related requirements for certification and operation of UAS and Innovative Air Mobility (IAM). This also includes competency of personnel organisation and UAS traffic management standards and services. This MoU has cooperation on knowledge transfer, joint organisation of conferences, workshops and training programmes by DGCA and EASA in this area.

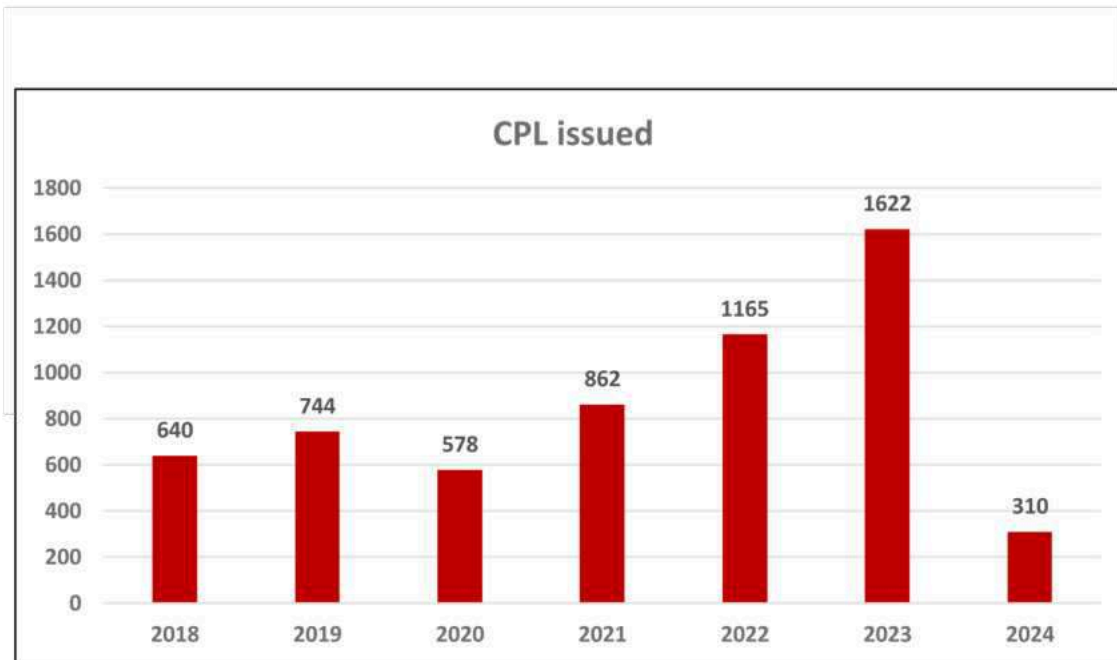
1.17 AMENDMENTS TO AIRCRAFT RULES, 1937 TO PROMOTE EASE OF DOING BUSINESS

Aircraft (First Amendment) Rules, 2023 officially notified in the Gazette on October 10, 2023. As a part of these amendments, the validity of licenses in relation to Airline Transport Pilot License (ATPL) and Commercial Pilot License (CPL) holders has been increased from five years to ten years. This change is expected to reduce administrative burden on pilots and aviation authorities like DGCA, promoting a more streamlined and efficient licensing process. These reforms will enhance the growth and sustainability of the aviation industry, ensuring it remains at the forefront of global aviation standards.

Aircraft (Security) Rules, 2023 notified in the official gazette on 09 August 2023 and Aircraft (Security) Rules, 2011 repealed.

1.18 COMMERCIAL PILOT LICENSES

DGCA issued 1622 CPLs in 2023 and 310 CPLs in 2024 (upto 31st March 2024). The number of CPLs issued in India over the last six years is as follows:

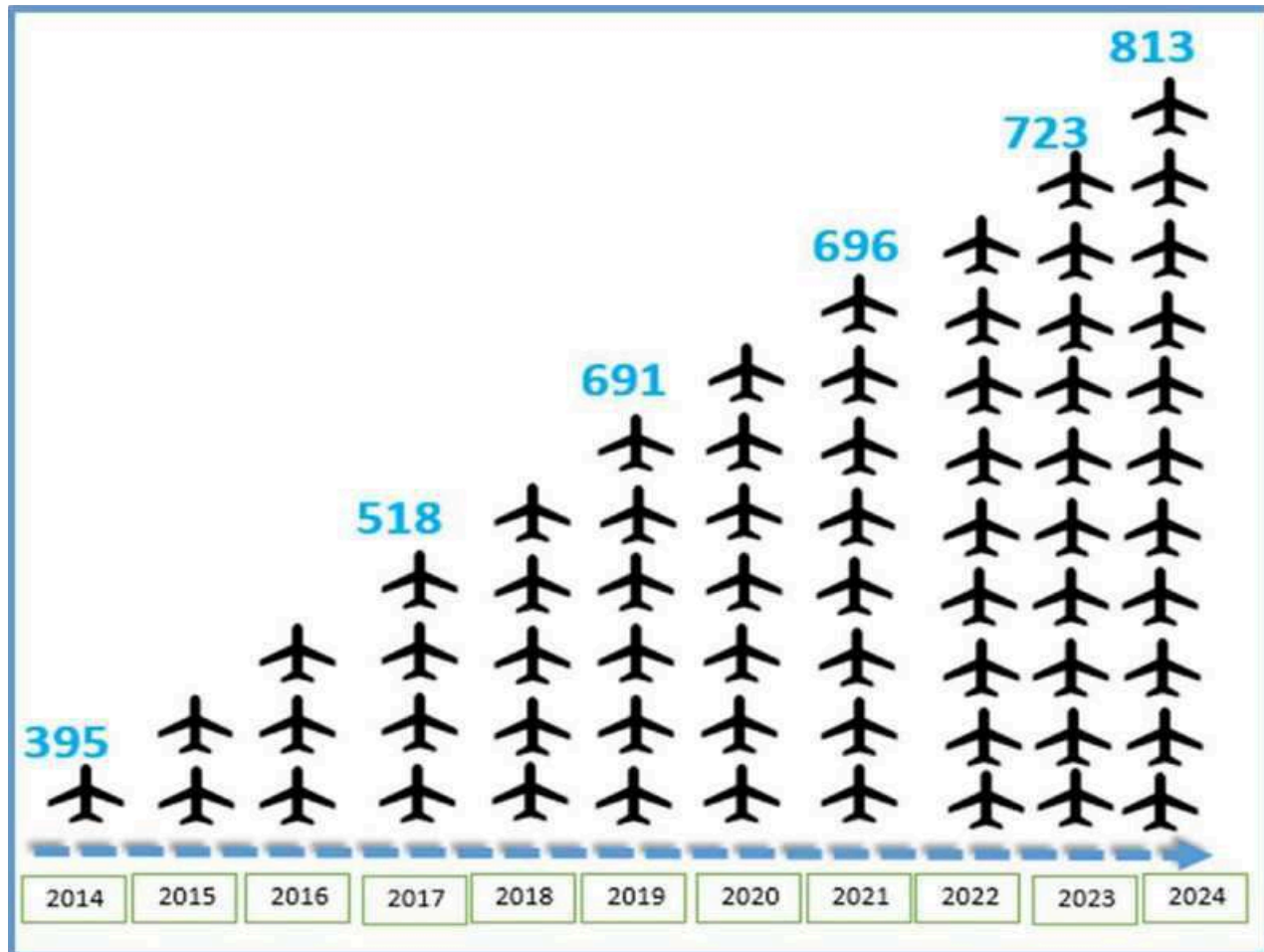


The number of flight crew licensing issue and renewal applications processed by DGCA through the single window digital platform of eGCA during 2023 is 27719 and in 2024(upto31st March) is 9312.

In the year 2023, DGCA has issued the highest number of Commercial Pilot License (CPL) in the last decade for the second consecutive year.

1.19 FLEET STRENGTH

Number of aircraft for scheduled operation increased from 691 in 2019 to 813 in 2024. IndiGo placed an order of 500 Airbus A320 family aircraft in June 2023, In 2024 IndiGo has placed a firm order for 30 Airbus A350-900 aircraft. Air India has formalized deal for 470 Airbus and Boeing Aircraft in June, 2023. Akasa Airlines placed an order for 150 Boeing 737Max aircraft in WINGS 2024 in January, 2024.



* For 2024, the fleet strength is as on 31st March, 2024

1.20 INAUGURATION OF “UDAAN BHAWAN”

A need was felt to build combined office complex to house DGCA, BCAS, AAIB, AERA and AAI as presently these offices are scattered in different locations in Delhi. The present offices of these organizations are not able to accommodate the number of personnel at one place considering the demanding nature of operations, being prime regulatory bodies for safety and security for rapidly growing Civil Aviation sector and its requirements.



For having better coordination amongst organization i.e. DGCA, BCAS, AERA, AAIB, & AAI under MoCA, the combined offices complex for the above organizations has been constructed at Safdarjung Airport, New Delhi.

The foundation stone of construction of the building was laid on 21st February, 2018. Implementation of the project was entrusted to Airports Authority of India.

The building was inaugurated by the Hon'ble Minister of Civil Aviation on 18th September, 2023.

The new office complex has Ground + three levels with three basement levels can accommodate 1270 officials. The total built up area of the building is 71257 Sqm. and the project is completed at total cost of Rs. 374.98 Crores.

The GRIHA-5 rated building embraces host of sustainability features aligning with AAI's environment friendly stance. The building is designed for utilization of Daylight to the maximum extent possible. The use of efficient LED fixtures, glazed Curtain-wall assembly and double-skin Façade System to minimize heat gain, Recycling of waste water and its management stands out among the environment friendly features of the building.

The building is well equipped with conference rooms, Audio video system, IT infrastructure, parking management system, Yoga room, class rooms, crèche facility, EV charging, parking facility for 584 cars, etc.

The new office complex would serve a long felt need of an office for all the aviation regulatory authorities under one roof and in close vicinity of the civil aviation ministry for better coordination.

1.21 FBO IN AVIATION SECTOR

FBO (Fixed Based Operator) is a new entity created for providing services at the GA terminals.

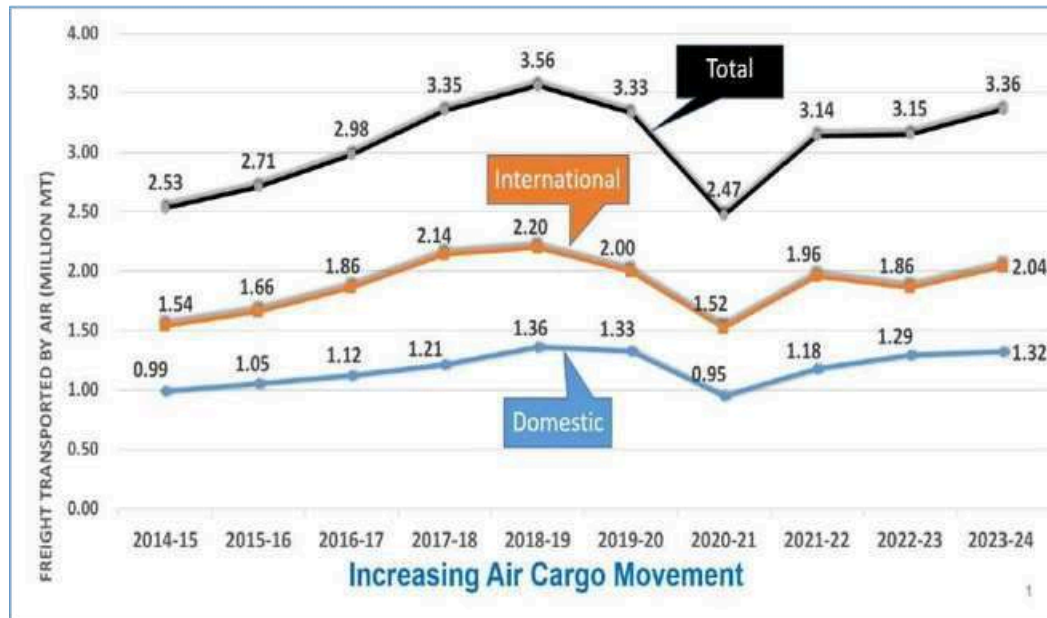
1.22 INTERNATIONAL AGREEMENTS

- European Union – India Aviation Summit was successfully convened at New Delhi on 20-21 April, 2023. During the Summit, a Declaration of Intent was signed between Airports Authority of India and Eurocontrol for cooperation in the field of Air Traffic Management, and a Letter of Intent was signed by DGCA with the European Union Aviation Safety (EASA) for closer cooperation in area of Unmanned Aircraft System (UAS).
- A MoCA delegation, headed by Secretary (CA) and consisting of officials from MoCA and DGCA, attended the 2nd ICAO Global Implementation Support Symposium (GISS) 2023 in Seoul, Korea from 30th May to 1st June, 2023. The delegation also signed a Memorandum of Understanding on Air Services matters with the Korean side during GISS 2023.
- A MoU was signed on 04.07.2023 with the European Union Aviation Safety Agency (EASA) for technical cooperation in Unmanned Aircraft Systems and Innovative Air Mobility. This MoU would promote co-operation in development of certification standards, environmental standards and related requirements of the certification and use of unmanned aircraft systems and innovative air mobility operations.
- A MoU on Cooperation in Aviation Security with France was signed in July 2023.
- A MoU was signed on 29.08.2023 between Government of New Zealand and Government of Republic of India to formalize open sky arrangement.
- A delegation headed by Secretary (CA) visited Dubai from 20 to 24 November, 2023 to attend the third Conference on Aviation and Alternative Fuels (CAAF/3 Conference) organized by ICAO (International Civil Aviation Organisation) wherein after the days of intense deliberations with all countries, ICAO released revised global framework of ICAO which included a para on quantified goals which is a combination of option 1 and option 2 (alternate para which was proposed by India) and included a non-binding global vision for use of SAF in the range of 5-8% by the year 2030.
- India achieved success in keeping its interests by inclusion of following aspects:
 - The draft addressed almost all the interventions/concerns raised by India which included the consensus achieved by member states in LTAG related to national circumstances and special capabilities as per the national timeframe; which makes the goal as non-binding.
 - Concerns regarding capacity building and technical assistance have been addressed which include state donors, technology transfer
 - Decentralization of fuel production across all the States.

- Stimulate investment in line with No Country Left behind Initiative
 - Low-cost financing and funding across all states in a transparent and effective manner
 - Expanding the scope of Finvest hub to include innovative funding and risk mitigating mechanism
 - Accelerate the development and approval of new Sustainability Certification schemes.
- After a series of negotiations, the final accepted global framework of ICAO indicates a non-binding global vision of use of SAF by 5% by the year 2030.
 - Non Scheduled Cargo Operations which were currently restricted to only 6 airports, have been allowed at all international Airports in India for Cargo Only aircraft. These relaxations have been given initially for a period of three years.
 - A MoU was signed between India and Thailand on 15.03.2024 where both sides agreed to enhance the capacity entitlement for the designated airlines of each side by an additional 14,000 (7000 + 7000) seats per week in each direction in two phases i.e. Phase-I & Phase-II, over and above the existing entitlements. Four new points namely Chiang Rai, Hat Yai, Surat Thani, and Udon Thani were secured as additional points of call for Indian designated airlines, without reciprocating any points to the Thai side.

1.23 AIR CARGO

- Growth of air cargo is critical for industries such as e-commerce, pharmaceuticals, electronics, agriculture, horticulture, floriculture, animal husbandry and marine exports, and high-value goods, including gems and jewellery and fashion garments, where shipments are highly time-sensitive. This has been a focus area since in 2014 for better Air Cargo growth. From fiscal year 2014-15 to 2019-20 the total cargo handled grew from 25.27 Lakh MT to 33.28 Lakh MT with CAGR 5.66% through cargo facilities at 24 AAI managed airports and 6 JV/PPP airports. Further, the cargo handling in India has increased to
 - 24.7 Lakh MT in FY 2020-21,
 - 31.4 Lakh MT in FY 2021-22,
 - 31.5 Lakh MT in FY 2022-23 and
 - 33.6 Lakh MT in FY 2023-24.



1.24 AIRCRAFT LEASING AND FINANCING

- Government is promoting aircraft leasing through International Financial Services Centre (IFSC) at GIFT City. The aviation industry in India is on the cusp of unprecedented growth, with a strong order book of more than 1500 + aircraft placed by Indian airlines and a projected demand for over 2,200 aircraft by 2042. Currently, majority of aircrafts operated by Indian airlines are leased from offshore lessors that have access to competitive cost of capital. The aircraft leasing and financing business, which is the most profitable segment in the entire aviation value chain, was entirely residing in foreign jurisdictions.
- Recognizing the immense potential of the aircraft leasing and financing business, the Government of India in the Union Budget 2019-20 announced that “time is ripe for India to enter into aircraft financing and leasing activities from Indian shores” and the IFSC was a natural choice for on shoring the leasing & financing business. To operationalize this major budget announcement, IFSCA introduced the enabling leasing framework, and the Government supported the endeavour by providing several tax incentives. DGCA has also amended its CARs to streamline the procedure for in country transfer/re-lease of aircraft including the registration/ de-registration of aircraft within India.
- In a short span of three years, green shoots are clearly visible in IFSC with 27 aircraft lessors already registered as of 31 March 2024. These entities have signed lease agreements for leasing of aviation assets from GIFT IFSC which includes 39 agreements for aircraft and 63 agreements for aircraft engines as of 31 March 2024.

1.25 MAINTENANCE, REPAIR AND OVERHAUL

- Realizing the potential of maintenance, repair, and overhaul (MRO) industry in India, the government has introduced several policies and

regulations to bring India's MRO sector at par with global peers. The National Civil Aviation Policy (NCAP) 2016 and subsequent rationalization of taxes were important steps taken by the government to promote MRO industry in India.

- Keeping in view India's growing aviation market, technology and skill base, Government has announced new MRO Guidelines on 1st September, 2021 with a view to create a congenial atmosphere in the country for the development of the MRO industry for aircraft/ helicopter/ drones and their engines and other parts. These guidelines inter-alia provide for allotment of land at AAI airports through call of open tenders without levy of any royalty or cess of whatsoever nature to MRO operators. The new guidelines would further encourage the MRO organizations and OEMs to setup workshops in India and create a conducive environment towards making India global hub of MRO.
- In a major step to promote maintenance personnel working in India MROs, DGCA has issued Circular 1 of 2023, wherein, the experience acquired on foreign - registered aircraft maintained in CAR 145 approved organization located in India shall now be counted towards meeting the practical aircraft maintenance experience on operating aircraft as required by under clause (d) of Sub Rule 61 of Aircraft Rule 1937.
- MROs in India have enhanced their capacities in traditional segments such as airframes and the industry is branching to other MRO segments such as engines in collaboration with global OEMs. The setup of new MROs has increased employment in aviation sector, which has augmented growth of India's aviation sector. More airports are building MRO facilities to add capacity thereby addressing infrastructure constraints.

1.26 KRISHI UDAN SCHEME

- Krishi Udan Scheme aims to assist farmers by ensuring seamless, cost-effective, time bound, air transportation and associated logistics for all agri-produce originating especially from North-Eastern States, hilly and tribal regions and some other areas of the country, so that it improves their value realisation. The Scheme covers 58 airports in the country.
- This Scheme is a convergence scheme where eight Ministries/Departments viz. Ministry of Civil Aviation, Department of Agriculture & Farmers' Welfare, Department of Animal Husbandry and Dairying, Department of Fisheries, Ministry of Food Processing Industries, Department of Commerce, Ministry of Tribal Affairs and Ministry of Development of North-Eastern Region leverage their existing schemes to strengthen the logistics for transportation of agri-produce.
- For facilitating and incentivising movement of agri-produce by air transportation, Airports Authority of India (AAI) provides full waiver of Landing, Parking, Terminal Navigational Landing Charges (TNLC) and

Route Navigation Facility Charges (RNFC) for Indian Registered freighters and P2C (Passenger-to-Cargo) Aircraft at its 21 selected airports under Krishi Udan Scheme which are Agartala, Agatti, Barapani, Dehradun, Dibrugarh, Dimapur, Gaggal, Kullu (Bhuntar), Lilabari, Pakyong, Pantnagar, Raipur, Ranchi, Rupsi, Shimla, Tezu, Belagavi, Bhopal, Jabalpur, Jharsuguda and Rajkot.

- Ministry of Defence (MoD) has also waived off Landing, Parking charges, for Indian registered Freighters and Passenger-2-cargo (P2C) aircraft holding Air Operator Certificate/permit by DGCA, within watch hours from defence airfields/ airports under the Krishi Udan Scheme at 21 airports namely Adampur, Agra, Bagdogra, Bareilly, Bhuj, Darbhanga, Gorakhpur, Hindon, Jaisalmer, Jammu, Jamnagar, Jodhpur, Jorhat, Kanpur (Chakeri), Leh, Nasik, Pathankot, Prayagraj, Silchar, Srinagar, Tezpur.

2. MINISTRY OF CIVIL AVIATION

2.1 ORGANIZATION

Ministry of Civil Aviation (MoCA) has following organizations under its administrative control:-

Attached Offices / Organizations

- Directorate General of Civil Aviation (DGCA)
- Bureau of Civil Aviation Security (BCAS)
- Commission of Railway Safety (CRS)
- Aircraft Accident Investigation Bureau (AAIB)

Autonomous Body

- Airports Economic Regulatory Authority (AERA)
- Indira Gandhi Rashtriya Uran Akademi (IGRUA)
- Rajiv Gandhi National Aviation University (RGNAU)

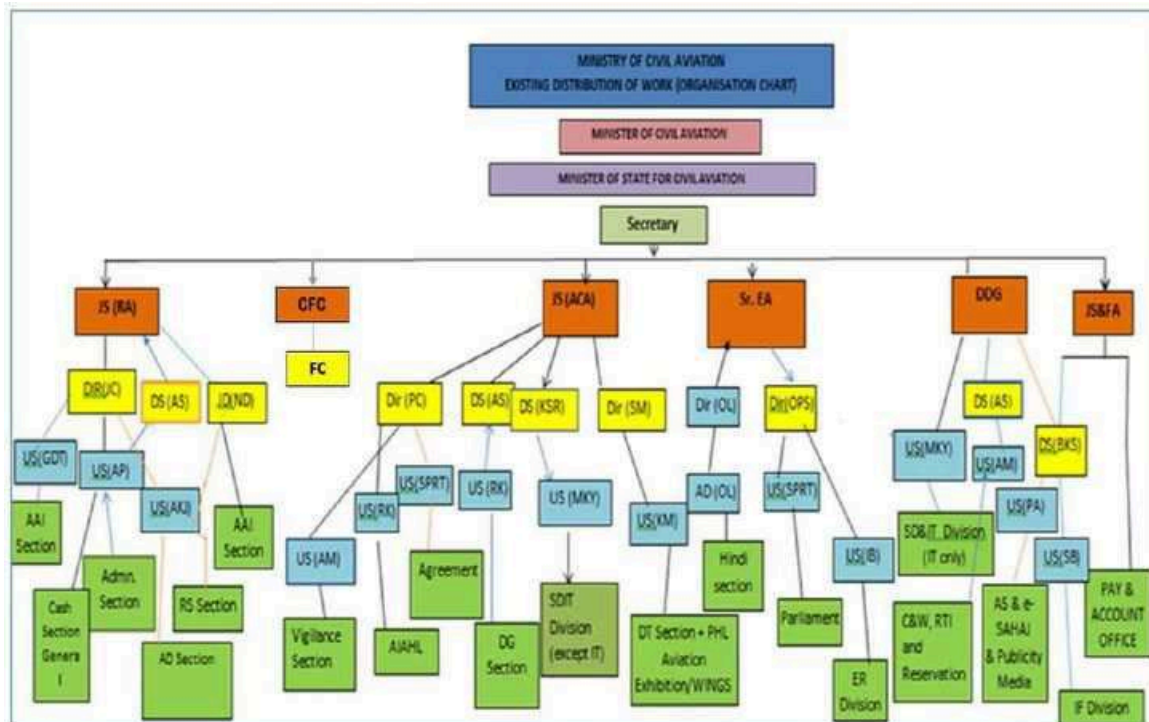
Public Sector Undertakings

- Airports Authority of India (AAI)
- Pawan Hans Limited (PHL)
- AI Asset Holding Limited (AIAHL) and its subsidiaries including Alliance Air

2.2 The Ministry of Civil Aviation is responsible for formulation of national policies and programmes for the development and regulation of the Civil Aviation sector in the country. It is responsible for the administration of the Aircraft Act, 1934, Aircraft Rules, 1937 and various other legislations pertaining to the aviation sector in the country.

2.3 In addition to primary functions of framing of policies, the Ministry provides guidance to the organizations in the implementation of policy guidelines, monitors and evaluates their activities and also provides their interface with Parliament. It also supervises implementation of special programmes of the Government, particularly those intended for weaker sections of society.

2.4 Secretary, Ministry of Civil Aviation is assisted by three Joint Secretaries, one Senior Economic Advisor, one Joint Secretary & Financial Advisor, one Chief Financial Controller, one Deputy Director General, eight officers of the level of Director/Deputy Secretary/Joint Director/ Financial Controller and thirteen officers of the level of Under Secretaries/Assistant Financial Controller. Functions of the Ministry are distributed amongst eighteen sections.



Heads of Attached Offices:

- Directorate General of Civil Aviation: Shri Vikram Dev Dutt, IAS, Director General
- Bureau of Civil Aviation Security: Shri Zulfiquar Hasan, IPS, Director General
- Commission of Railway Safety: Shri Janak Kumar Garg, IRSEE, Chief Commissioner of Railway Safety
- Aircraft Accident Investigation Bureau: Shri GVG Yugandhar, Director General

Heads of Autonomous Bodies:

- Airports Economic Regulatory Authority of India: Shri B.S. BhullaR, IAS (Retd.) Chairperson
- Indira Gandhi Rashtriya Uran Akademi (IGRUA): Shri Pramod Kumar Thakur, Director (on additional charge basis)
- Rajiv Gandhi National Aviation University: Shri Pramod Kumar Thakur, Vice-Chancellor (on additional charge basis)

Heads of Public Sector Undertakings:

- Airports Authority of India: Shri Sanjeev Kumar, IAS, Chairman
- Air India Assets Holding Limited: Joint Secretary, MoCA holding charge
- Pawan Hans Limited: Shri Sanjeev Razdan, CMD

ORGANIZATIONAL STRUCTURE OF MINISTRY OF CIVIL AVIATION



**Shri Jyotiraditya M. Scindia
Minister of Civil Aviation**



**General (Retd.) Dr. Vijay Kumar Singh
Minister of State for Civil Aviation**



**Shri Vumlunmang Vualnam
Secretary, Civil Aviation**



Shri Piyush Srivastava
Sr. Economic Advisor



Ms. Rubina Ali
Joint Secretary



Shri Asangba Chuba Ao
Joint Secretary



Shri Satyendra Kumar Mishra
Joint Secretary



Shri Pramod Kumar Thakur
Deputy Director General



Shri Padam Lal Negi
Joint Secretary & Financial Advisor



Ms. Jaspal Kaur Pradyot
Chief Financial Controller

2.5 RECORD MANAGEMENT

Record Retention Schedule of records relating to substantive functions of Ministry of Civil Aviation is available in the Ministry's website in compliance to the Right to Information Act., 2005.

2.6 IMPLEMENTATION OF e-HRMS

An online system viz. e-HRMS has recently been introduced by DoP&T as a flagship programme for various establishment work for recording and maintenance of Service records, leave, LTC, Advances & Reimbursement etc. Ministry of Civil Aviation is amongst the few Ministries which have been selected for implementation of e-HRMS in first phase.

2.7 CENTRAL SECRETARIAT CADRE MANAGEMENT SERVICES (CSCMS)

Department of Personnel & Training revamped the CSCMS portal to enable exclusive online delivery of services to the employees of the cadres of Central Secretariat Services (CSS), Central Secretariat Stenographers' Services (CSSS) and Central Secretariat Clerical Services (CSCS). Accordingly, the revamped CSCMS Portal has been implemented in Ministry of Civil Aviation for processing various types of service matters for speedy disposal. In order to achieve the same, the details in respect of all the employees of CSS/CSSS/CSCS cadres of this Ministry were updated on the portal in timely manner.

2.8 SPECIAL CAMPAIGN 3.0

With the objective of disposal of pending matters and institutionalising *Swachhata*, the Ministry of Civil Aviation participated in the Special Campaign 3.0 (2nd October-31st October 2023). The Ministry of Civil Aviation has successfully completed various activities under Special Campaign for Disposal of Pending Matters (SCDPM) 3.0. The campaign, in which the Ministry of Civil Aviation and its Attached, Subordinate, and Autonomous Organizations, spread across the country, participated with overwhelming enthusiasm, has yielded remarkable results in key areas.

- **Effective Disposal of Pending Matters:** Under the campaign, the Ministry along with its Attached, Subordinate, and Autonomous Organizations have cleared the pendency identified for disposal during the Campaign in the following matters:
 - All references from MPs have been disposed of
 - 92% parliamentary Assurances have been cleared
 - All State Government references have been disposed
 - All public grievances have been disposed
 - All PMO references have been cleared
 - 93% Public Grievances Appeals have been disposed

- **Easing of Rules/Processes:** 41 Rules/Processes were simplified for smooth functioning of work and to promote ease of doing business.
- **Efficient Space Utilization:** Around 42,000 Sqft. of office and outdoor space has been reclaimed, contributing to a more pleasant and productive work environment.
- **Files Management:** Ministry with its Attached, Subordinate, and Autonomous Organizations has successfully achieved the 100% target in reviewing files and 12,651 files are successfully weeded out. Further, 3,285 e-files were reviewed.
- **Revenue Generation:** The disposal of scrap and unusable materials has generated Rs 1,51,48,755 in revenue.
- **Social Media Engagement:** Ministry, with its Attached, Subordinate, and Autonomous Organizations, has been actively engaged on social media widely publicizing the efforts and progress of the ministry. More than 600 tweets have been made from Official Handles of Ministry and Offices under Its Administrative control.
- **Cleanliness:** Cleanliness drive conducted on 786 sites against targeted 786 sites to provide better work environment resulting in increased efficiency and better experience at work place for the employee as well as for the general public.
- **Best Practices** were also adopted during this Campaign. Glimpse of a few best practices are as follow:
 - **Almirahs given to MCD Schools-** Various MCD Schools and their Zonal Office provided with 50 refurbished steel almirahs by Corporate Headquarters, New Delhi covering 15 MCD Schools & their Zonal Offices.
 - **SUGAM (Sustainable Green Airports Mission)** Initiative in technology:
 - Building Energy Management System
 - Pre conditioned Air Units
 - Occupancy sensors and dimmers
 - Energy Efficient HVAC Systems
 - All AAI Airports are set to operate on renewable energy by December 2024. Total 54 airports have switched their operations to 100% renewable energy.
- **Free space utilized for developing Yoga Rooms:** Yoga Rooms have been developed at spaces freed after Cleanliness drives at various Regional Headquarters of Airports Authority of India and Airports such as RHQ (NER) Guwahati, RHQ (ER) Kolkata, RHQ (SR) Chennai,

Kolkata Airport, Agartala, Kangra, Deoghar, Bhubaneswar and Aurangabad Airport etc.

2.9 PUBLIC GRIEVANCES REDRESSAL MACHINERY

The Centralized Public Grievances Redressal and Monitoring Systems (CPGRAMS), which is a web-based on-line public grievance handling system, was introduced and developed by the Department of Administrative Reforms & Public Grievances (DARPG). The system has been implemented in the Ministry for prompt and effective disposal of the grievances from 01.01.2008.

During the period (01.01.2023 to 31.03.2024), a total of 9,115 public grievance cases were received on-line, out of which, 9,416 cases (including previous backlog), i.e. 103 % approximately, have been disposed of through the CPGRAMS. A Joint Secretary level officer has been designated as the "Public Grievances Officer" in the Ministry. All organizations working under the administrative control of the Ministry too have full-fledged public grievance redressal machinery headed by respective designated "Nodal Officers".

2.10 RIGHT TO INFORMATION ACT, 2005

Right to Information Act, 2005 had been introduced to provide the citizens secure access to information under control of public authority. This also promotes transparency and accountability in the working of every public authority, as well as timely disposal of citizen's request.

To implement the Act, 12 CPIOs and 9 Appellate Authorities have been designated in this Ministry. With the increased awareness among the people about RTI Act, 2005, a large number of applications / appeals were received in this year through online/mail. A total of 1806 applications and 80 appeals were received during (01.01.2023 to 31.03.2024). All efforts were made to dispose of these applications and appeals within the prescribed time.

2.11 VIGILANCE ACTIVITIES

The Vigilance Division of this Ministry is headed by a Chief Vigilance Officer (CVO) of the rank of Joint Secretary, appointed in consultation with the Central Vigilance Commission, who functions as the nodal point in the vigilance set up. The CVO is assisted by a Director, an Under Secretary and the Vigilance Section. The Vigilance Section, inter-alia, monitors and coordinates vigilance activities of the main Ministry as well as of Public Sector Undertakings, Attached/subordinate offices and Autonomous Bodies under the administrative control of the Ministry.

There are full time CVOs in the PSUs under this Ministry viz., Airports Authority of India and Pawan Hans Ltd. who are appointed by ACC. While, main Ministry, DGCA, CRS, AERA, AAIB, AIAHL, RGNLU, IGRUA have part-time CVOs, who are appointed in consultation with the CVC. Further, appointment of CVO in BCAS is under consideration.

Preventive Vigilance: Preventive Vigilance is given priority attention with primary emphasis on identification of sensitive areas. The guidelines/instructions issued by the Department of Personnel & Training and Central Vigilance Commission from time to time in this regard are followed.

Agreed List and ODI List: The 'Agreed list-2023', 'List of officers of doubtful integrity-2023', 'Agreed List-2024' and 'List of officers of doubtful integrity-2024' were prepared and shared with CBI.

Disciplinary Cases: For the calendar year 2023, Opening Balance of disciplinary case was 01, during the year 2023, and till 31.03.2024 no new disciplinary case was initiated. Thus, as on 31.03.2024 there was only 01 disciplinary case pending in Vigilance Division of the Ministry.

Complaints: For the period of 1st January 2023 to 31st March 2024, Opening Balance (OB) of complaints was 06, complaints received during the period were 87, complaints disposed were 80 and the closing balance was 13.

Review and identification of additional sensitive posts in MoCA was carried out and now, total nine sections have been identified as sensitive sections.

Reports

- Probity Report containing details like minor penalty, major penalty, Sanction for Prosecution, FR 56 (J) etc. in respect of Ministry (main), DGCA, BCAS and CRS is compiled and uploaded on DoPT's portal on monthly basis.
- Quarterly Performance Report relating to complaints, inspection, audit, pending inquiry, disciplinary proceedings, cases forwarded to CBI etc. is prepared and uploaded on the CVC's portal.
- Quarterly Performance Report on Action Plan for Anti-Corruption Measures relating to disciplinary cases, complaints, inspection etc. is prepared and forwarded to DoPT on Quarterly basis.

3 months campaign of Vigilance Awareness Week-2023

- As a prelude to Vigilance Awareness Week-2023, the Central Vigilance Commission had advised all the organizations to undertake a three month campaign with preventive vigilance measures on 6 focus areas.
- Banners and posters were displayed at prominent locations in the office premises of the Ministry and the organizations under the Ministry to spread awareness regarding PIDPI Resolution.
- The 3 month campaign involved lectures by prominent faculties, focusing on the various key points given by CVC. Employees were

sensitized during lectures on Ethics, Role of IO/PO and various webinars on Cyber Security. Since the current age is an era of technology, cyber awareness plays a very crucial part in being vigilant and secure. In view of this, Vigilance Division with the help of SDIT Division, MoCA arranged workshops and webinars for spreading awareness amongst the employees regarding cyber security.

Vigilance Awareness Week-2023

- Vigilance Awareness Week was observed from 30th October to 05th November 2023 with the theme "Say No to Corruption, Commit to the Nation" in the main Ministry as well as Attached/Subordinate offices and Autonomous Bodies under this Ministry.
- It was commenced with the 'Integrity pledge' administered by Secretary, Civil Aviation on 30.10.2023 at 11:00 am to the officers/officials of Ministry of Civil Aviation.
- Apart from above, a link for E-pledge (which was available on CVC website) was also provided on Ministry's website and all the officers and staff of the Ministry were encouraged to take E-pledge.
- To spread awareness amongst officials and realign them with the vigilance deeds, Vigilance Division of the Ministry organized several programs. The week-long programs included Picture Description writing, Quiz, Poster Making and Slogan Writing Competitions for officials of the Ministry. All the activities conducted in the Ministry were widely publicized through social media such as Twitter, Facebook, Instagram and Koo.

1st Stage CVC Advice

- 1st Stage advice sought from CVC in connection with complaint made by Norwegian Special Mission for purchase of two Aircrafts fitted with Automatic Flight Inspection System by AAI.
- 1st Stage advice sought from CVC in connection with irregular appointment of a retired employee as consultant at IGRUA.

Detailed Inspection Reports sent to CVC

- Complaint made under PIDPI Resolution regarding undue favor being given to CFO appointed in HCI on contract basis after retirement from the same institution.
- Complaint made under PIDPI Resolution regarding non-compliance of CVC guidelines regarding rotation of officials working in sensitive posts.
- Complaint made by Sh. Gurudas Kamat, MP (ex.) against MIAL regarding usage of development fee and reduction in passengers walking area.

Inspection of Agreement Section: An inspection of Agreement Division, MoCA was taken up by Vigilance Division. The inspection was related to cases

where permission has been granted by MoCA (Agreement Section) for operations of Passenger Charter flights to India.

Vigilance Clearance: During the duration of 1st January 2023 to 31st March 2024, approximately 200 Vigilance Clearances were issued.

Inspection of Cash Section: An inspection of Cash Section was taken up relating to LTC bills, DTA/FTA bills and medical claims.

2.12 WELFARE OF SCHEDULED CASTES/SCHEDULED TRIBES/OTHER BACKWARD CLASSES

A dedicated Cell looks after the liaison work relating to reservation for Scheduled Castes (SC), Scheduled Tribes (ST) and Other Backward Classes (OBC) in posts and services in the Ministry and its subordinate organizations. Similar cells also exist in various organizations of the Ministry. Inspection of Reservation Rosters maintained by various organizations of the Ministry is conducted periodically to ensure proper implementation of Government orders in respect of reserved categories. Orders / instructions issued by the Government with regard to reservation for SCs, STs and OBCs from time to time, are brought to the notice of all the organizations for implementation. All periodical returns on the subject are regularly furnished to the Department of Personnel & Training (DoPT) and to the Ministry of Social Justice and Empowerment. Representations/complaints/grievance petitions received from Scheduled Castes, Scheduled Tribes and Other Backward Classes' employees/their Associations are examined and remedial action taken wherever required.

SC/ST and OBC representation as on 31.03.2024

Out of total 164 employees of Ministry of Civil Aviation (Main Secretariat) the representation of SC/ST/OBC is as under:

Category	No. of Empls.
SC	25
ST	07
OBC	30

2.13 WELFARE OF SENIOR CITIZENS

In accordance with the guidelines issued by Ministry of Social Justice and Empowerment, and as envisaged in the 'National Policy on Older Persons', instructions have been issued to all concerned Organizations to ensure prompt, fair and humane treatment with senior citizens. Instructions have been issued from time to time for the following:-

- Remove all physical barriers to facilitate easy entry, movement and exit at all airports and in airlines;
- Change the design of the frisking booths in the security hold area so that the elderly are not required to climb and descend while undergoing security checks;
- Pay special attention for providing help / assistance to them particularly after alighting from vehicles at the airports and until the person reaches the check-in counters;
- Pay special attention to the elderly and those needing assistance at the booking offices of airlines;
- Give preference in reservation and earmarking of seats in the airlines;
- Give widows special consideration in the matter of settlement of benefits accruing/compassionate appointments on the demise of the spouse; and
- Fix responsibility for any delay caused in the settlement of pension, provident fund, gratuity and other retirement benefits.

2.14 OFFICIAL LANGUAGE POLICY OF UNION

There is an Official Language Division in the Ministry of Civil Aviation to effectively implement the Official Language Policy of the Union. The structure of this division is as follows:

Implementation of the Official Language Policy: The Senior Economic Advisor is in-charge of the Official Language Division of the Ministry. In this division, 01 post of Director, 01 post of Deputy Director, 02 posts of Assistant Director, 02 posts of Senior Translation Officer, 02 posts of Junior Translation Officer, 02 posts of Assistant Section Officer and 01 post of Personal Assistant are sanctioned. Apart from this, the Department of Official Language has posted an additional Senior Translation Officer in place of the vacant post of Assistant Director in the month of January, 2024. The implementation of the Official Language Policy is divided into two parts i.e. A: Official Language Implementation and B: Translation Work. The Official Language Division monitors the implementation of the Official Language Policy in the Ministry and its attached offices/autonomous bodies/Public Sector Undertakings.

(A) Implementation of Official Language

The Division conducted official language inspections of the offices under the control of the Ministry and reviewed their work by giving corrective suggestions. The Ministry was also represented under the leadership of Senior Economic Advisor in the inspections of subordinate offices conducted by the Parliamentary Official Language Committee.

1. Hindi Salahakar Samiti

Hindi Advisory Committee of the Ministry was constituted under the chairmanship of Honourable Minister of State for Civil Aviation. There are 37 members in the committee including Senior Officers of the Ministry and Heads of organisations under the control of the Ministry, apart from 15 non-official members. The last meeting of the Committee was held on 08 August, 2023, in which Committee Members discussed important issues for Promotion of Official Language and the Ministry made every possible effort to comply with these issues.

2. Official Language Implementation Committee

In the Ministry, Official Language Implementation Committee has been constituted under the chairmanship of Secretary, Civil Aviation. All the Heads of the attached offices of MoCA, and officers of the level of Director and above of the MoCA, are Committee members. The meetings of the committee were successfully organized in every quarter. This year a total of 04 meetings were organized. Implementation of the Official Language Policy of the union is duly reviewed in the meetings with respect to the Ministry and its Attached Offices/Autonomous Bodies/PSU's and various measures are suggested to increase the progressive use of Hindi.

3. Quarterly Progress Report (QPR) and Annual Assessment Report

To assess the work done in Hindi by the employees in official work, a quarterly progress report was compiled by collecting data from various divisions and a consolidated report of this data was sent to the Department of Official Language in every quarter on a regular basis. This data has been reviewed and accordingly corrective suggestions, wherever necessary, have been made to all the divisions. Similarly, the annual assessment report related to the progressive use of Hindi, under which the data of all four quarters of the year was compiled, and sent to the Department of Official Language on time. In addition, quarterly progress reports were also received from all the 10 offices under the control of the Ministry and same were reviewed and corrective measures were suggested.

4. Organising Hindi Day (14September) and Hindi Fortnight

Hindi Diwas was inaugurated by the Department of Official Language, Ministry of Home Affairs on September 14, 2023 by organizing an All India Official Language Convention in Pune. This Convention was attended by 07 officials of our Ministry. Like every year, this year also Ministry organised Hindi Fortnight from 14th September, 2023 - 29th

September, 2023. During the fortnight, 07 competitions were organized, out of which 05 competitions were for the personnel of the Ministry and 02 competitions were for the offices under the control of the Ministry. The participants participated enthusiastically in these competitions. A total of 195 participants were awarded in these competitions. Those who did not get any place among these participants were also given mementos as an incentive. To encourage offices under the control of the Ministry to do maximum work in Hindi, an in-house magazine competition was organized in which the awarded offices were given shields by the Secretary, Civil Aviation.

5. Hindi Workshops

Hindi workshop was organised every quarter during the year to remove the hesitation faced by the employees in doing official work in Hindi. Overall, 04 workshops have been organised in the year.

6. Official Language Inspection

During the year 2023-24 the official language inspection of 5 sections of the Ministry and 08 offices under the control of the Ministry was conducted by the inspection teams of the Official Language Division of the Ministry.

7. Inspection by the Committee of Parliament on Official Language

The Committee of Parliament on Official Language conducts inspections of the Ministry and the offices under its control to observe the progressive use of the official language Hindi. In this regard, 05 offices of the Directorate General of Civil Aviation, 07 offices of the Civil Aviation Safety Bureau, 03 offices of the Railway Safety Commission and 21 offices of the Airport Authority of India were inspected by the 2nd sub-committee of the Committee of Parliament on Official Language. On behalf of the Ministry, Senior Economic Advisor and Director (Official Language) participated in these inspections.

8. All India Official Language Convention in the Ministry:

Under the direction of Secretary, Civil Aviation, an All India Official Language Convention was organized in the Ministry on March 06, 2024 for the officers of the Ministry and the offices under the control of the Ministry at the Airport Authority of India Officer's Institute, Safdarjung Airport, New Delhi. Senior officers and employees of the Ministry and the offices under the control of the Ministry participated in the convention. The convention was organized in two sessions. In the first session, information regarding the questionnaire of the inspection by the

Committee of Parliament on Official Language was given, a motivational lecture (Theme: Discovering your capabilities) was given in the second session and a cultural programme was organized in the last session of the convention. The participants were taken on a study tour (Akshardham Temple) on the next day of the convention on March 07, 2024 which was very inspiring and gave an opportunity to participants to know the Indian culture. The convention was very successful. All the senior officers appreciated this event and encouraged to organize more such events in future also.

(B) Translation Work

The Division has efficiently translated the Parliament questions and answers during the Parliamentary session, and the documents related to outcome/output budget, audit report etc. to be presented in the Parliament during the budget session, various documents Under Section 3(3) of the Official Languages Act, 1963 received from various sections of ministry which are mandatorily required to be issued bilingual viz. Resolutions, General Orders, Rules, Notifications, Administrative and Other Reports, Press Communiqués, Administrative and Other Reports and Official Papers to be laid before a House or Houses of Parliament, Contract, Agreements, Licenses, Permits, Tender Notices and Tender Forms. Apart from this, the division has discharged its duty of translation from English to Hindi of various documents like D.O. letters and speeches received from the Minister's Office, Action Taken reports, RTI related letters, assurances related to various committees, Cabinet Notes etc. and especially urgent important documents received from the Minister and the Secretary office on regular basis and promptly.

2.15 CHINTAN SHIVIR 2023

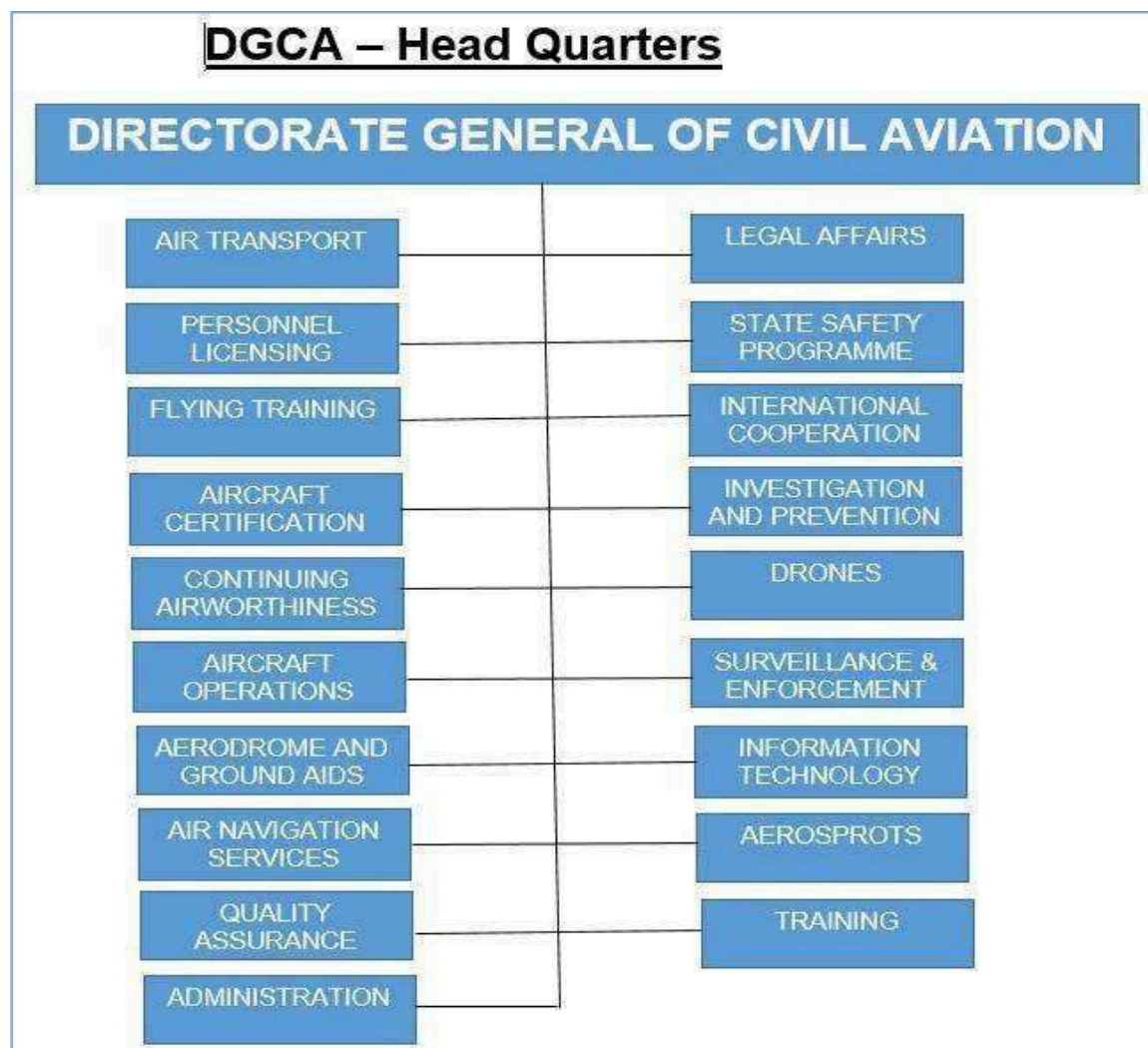
2nd *Chintan Shivir* was organized under the Chairmanship of Hon'ble Minister of Civil Aviation and Hon'ble Minister of State for Civil Aviation, on 06th March, 2023 from 09:30 AM to 12:30 PM at Hall No. 5, Vigyan Bhawan, New Delhi. The workshop was organised to do *Chintan* on India as a Drone Hub, Self & Team Motivation and Coordination & Collaboration amongst officers/officials and the agencies involved in the sector to upscale the growth of Indian Civil Aviation Sector. Chintan Shivir also served as the platform for learning best practices from each other as coordination & collaboration amongst officers/officials and the agencies involved in the sector was especially focused in the event.

3. DIRECTORATE GENERAL OF CIVIL AVIATION (DGCA)

3.1 INTRODUCTION

Directorate General of Civil Aviation (DGCA) is the principal regulatory body in the field of civil aviation which has been accorded with statutory status by The Aircraft Amendment Act, 2020. DGCA is responsible for safety regulation of air transport services to/from /within India, formulation and enforcement of civil air regulations, air safety and airworthiness standards in line with the Standard and Recommended Practices (SARPs) formulated by ICAO from time to time.

DGCA has its Headquarters in New Delhi and is headed by the Director General of Civil Aviation, who is assisted by Joint Director(s) General and Deputy Director(s) General. Various Directorates in DGCA are responsible for various safety regulatory functions.



3.2 FUNCTIONS AND RESPONSIBILITIES

The main function of DGCA is to regulate safety related matters in civil aviation in India. Some of the salient functions and responsibilities are as follows:

- Type certification of aircraft, including Type Acceptance of aircraft approved by Regulators of other countries
- Regulation of air transport services to/ from/ within India in accordance with the provisions of the Aircraft Rules, 1937, including bilateral and multilateral agreements with foreign countries and the policy pronouncements of the government;
- Registration of civil aircraft; laying down airworthiness requirements for civil aircraft registered in India and grant of Certificate of 9 to such aircraft;
- Licensing of Pilots, Aircraft Maintenance Engineers and Air Traffic Controllers and monitoring of flight crew standards;
- Licensing and safety oversight of Aerodromes and Airline Operators;
- Processing amendments to Aircraft Act, 1934 and the Aircraft Rules 1937, and other Acts and rules thereunder relating to aviation, for their implementation in India, the provisions of the Chicago Convention and Annexes thereto, and other International Conventions relating to aviation;
- Approval and safety oversight of various organization including Design, Manufacturing, Training, Maintenance and English Language Proficiency Organisations
- Investigation of occurrences and incidents;
- Co-ordination of the work relating to International Civil Aviation Organisation and replies to State Letters after consulting stakeholders, wherever necessary including consultation with other agencies;
- Rendering advice to the Government on matters pertaining to civil aviation.

3.3 LEGISLATION

3.3.1 Amendment in Rules and Regulations

To keep the statutory provisions abreast with the international standards and the latest developments in the sphere of civil aviation, certain rules of the Aircraft Rules, 1937 and the Aircraft (Demolition of obstruction caused by Buildings and Trees etc.) Rules, 1994 have been amended in the larger public interest and ease of doing business as following:

- i. Rules 3, 4 & 7 of the Aircraft (Demolition of obstruction caused by Buildings and Trees etc.) Rules, 1994 have been amended vide gazette notification number GSR 291 (E) dated 13.04.2023.

- ii. Rules 13, 38, 39C, 42, 66, 67A, 118, Schedule II, III and VIB of the Aircraft Rules, 1937 have been amended vide gazette notification number GSR 733(E) dated 10.10.2023.
- iii. Rule 39C of Aircraft Rule 1937 has been amended and the period of validity of Licenses viz. ATPL(A/H), CPL (A/H) has been extended from 5 to 10 years

23 amendments were issued in the existing CARs/new CARs issued to bring them in line with international norms.

3.3.2 Air Services Agreements

During 2023, a meeting of Sub-Group on Civil Aviation under the India Russia Inter-Governmental Commission on Trade, Economic, Scientific, Technological and Culture Cooperation (IRIGC-TEC) was held on 16th – 17th February 2023. During deliberations with Russia, it was agreed that designated airlines of both parties shall be entitled to operate sixty-four (64) frequencies per week in each direction with any type of aircraft of capacity equal or less than the capacity of a B747 aircraft.

The delegations representing the Government of the Republic of India and the Government of the Kingdom of Thailand met in Bangkok, Thailand, on 14th-15th March, 2024. During deliberations with Thailand, It was agreed that the designated airlines of each side shall be entitled to operate an additional 7,000 seats per week in each direction, over and above the existing entitlements and Chiang Rai, Hat Yai, Surat Thani and Udon Thani shall be included in Column 3 of Part A and Part B of Section 2 of Schedule 1 of the Route Schedule as additional points of call for the designated airlines of India.

3.3.3 Advisories issued

Advisories were issued on the issue of handling incidents of unruly passengers, prevention of unauthorized entry into cockpit and helicopter operations.

3.4 AIR TRANSPORT

3.4.1 Scheduled Operators

As on 31.03.2024, there are Seventeen (17) Scheduled/Scheduled Commuter operators viz. AIX Connect Pvt. Ltd. (previously known as AirAsia India Pvt. Ltd.), Air India, Alliance Air, Air India Express Ltd., Go Airlines (India) Ltd., InterGlobe Aviation Ltd.-(Indigo), SpiceJet Ltd., Tata SIA Airlines Ltd. (Vistara), SNV Aviation Pvt. Ltd (Akasa Air), Zexus Air Services Pvt. Ltd. (Zoom), Ghodawat Enterprises Pvt. Ltd. (Star Air), GSEC Monarch and Deccan Aviation Pvt. Ltd. (India One Air), Big Charter Pvt. Ltd. (Fly Big), Pawan Hans Ltd., Just

Udo Aviation Pvt. Ltd. (Fly91) Operating on the International/Domestic sector providing a wide choice of flights and connectivity to various parts of India. Additionally there are two Cargo Airlines viz. Blue Dart Aviation Ltd. And QuikJet Cargo Airlines Pvt. Ltd. Operating Scheduled Cargo services in the country. Further, SpiceJet Ltd. And IndiGo are also operating Cargo Operations with three (3) B737 & three (03) A321 Freighter aircraft respectively.

Note: Go Airlines (India) Ltd. (Go First) stopped their operations w. e. f. 03.05.2023 and is currently undergoing Corporate Insolvency Resolution Process under IBC, 2016.

3.4.2. Passengers Carried by Scheduled Operators (Provisional data available as on 31.03.2024)

3.4.2.1 Domestic Routes - During the FY 2023-24(Provisional) , Scheduled domestic airlines operated a total number of 10.6 lakh scheduled flights carrying a total of 153.7 million scheduled passengers as against 10.0 lakh scheduled flights carrying total of 136.0 million scheduled passengers during the previous financial year 2022-23. The number of domestic passengers carried by scheduled domestic Indian Carriers has witnessed a growth of 13 percent in the year 2023-24(Provisional) as compared to the previous FY 2022-23.

3.4.2.2 International Routes - During the FY 2023-24(Provisional), a total of 66.5 million passengers were carried on international routes by Scheduled Indian/foreign carriers as against 54.6 million in the corresponding period in FY 2022-23, thereby witnessing a growth of 21.7%. Out of the 66.5 million passengers, 29.6. Million passengers were carried by Scheduled Indian carriers while 36.9 million passengers were carried by scheduled foreign carriers during the FY 2023-24(Provisional).

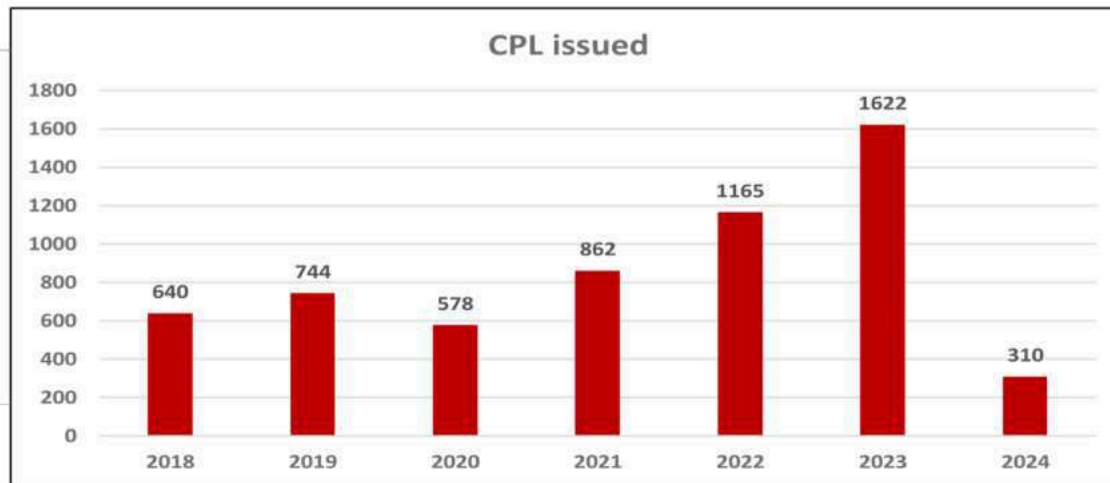
3.4.3. Non-Scheduled Operator's Permit

During the period from April 2023 to 31st March 2024, 16 new Air Operator Permit (NSOP) were granted, and as on 31st March 2024, a total number of 116 companies are holding Non-Scheduled Operator's Permit, as against 103 companies as on 31st March 2023.

3.5 LICENSING AND MEDICAL ASSESSMENT

3.5.1 Flight Crew Licensing

The functions of the PEL (Flight Crew Licensing) Directorate include initial issue / conversion of CPL/ATPL/CHPL/PPL/FATA licenses and work related to renewal / endorsement of Flight Crew Licenses. DGCA issued 1622 CPLs in 2023 and 310 CPLs in 2024 (upto 31st March 2024) the number of CPLs issued



CPLs issued in 2024 upto 31st March, 2024

The number of flight crew licensing issue and renewal applications processed by DGCA through the single window digital platform of eGCA during 2023 is 27719 and in 2024(upto 31st March) is 9312.

In the year 2023, DGCA has issued the highest number of Commercial Pilot License (CPL) in the last decade for the second consecutive year. The details of Pilot licenses & Ratings issued between 01.01.2023 and 31.03.2024 are as follows:

S. No.	Type of Licenses/Ratings	Nos. of Licenses/Ratings issued
1.	Commercial Pilot Licenses (CPL)	1932
2.	Airline Transport Pilot Licenses (ATPL)	792
3.	Type Ratings	5106
4.	Other Pilot Licenses & Ratings (PPL, FRTOL, FIR, AFIR, FATA, IR, Open Rating, P1 Endorsement)	10661
Total		18491

A new process i.e. API Integration for auto-filling of Pilot's e-logbook by way of integration of Aircraft System data (ACARS/AIMS/ARMS) of Scheduled Airline Operators (M/s Indigo & M/s Air Asia) with eGCA has been implemented in the year 2022-2023. This system will enhance accuracy of e-logbook data, overcome fatigue for pilots by avoiding manual filling of e-logbook.

3.5.2 ATCO Licensing

During 2023, 77 Air Traffic Controller's licenses and 348 Student Air Traffic Controller's licenses have been issued by DGCA. In addition, endorsement of ratings i.e. Aerodrome Control, Approach Control Procedural, Approach Control Surveillance, Area Control Procedural, Area Control Surveillance, Oceanic Control and ELP (total of approx. 1193 endorsements) on ATCO Licenses were issued by DGCA.

3.5.3 Aircraft Maintenance Engineers

From 01-Jan-2023 to 31-Mar-2024, 368 initial AME licences have been issued and an extension/endorsement in the category has been approved for 344 licenses.

3.5.4 Medical Assessment for flight crew, AMEs and ATCOs

For the first time in Civil Aviation in India, the Medical Directorate, DGCA HQs has come up with the 'Mental Health Promotion of Flight Crew and Air Traffic Control Officers (ATCOs) w.e.f 31 May 23 emphasizing the importance of mental wellbeing of the Licence Holders involving the Stakeholders for promoting Mental Health. DGCA has issued 30991 Medical Assessment to licence holders till 31st March 2024 which includes 22352 Class 1, 7428 Class 2 and 1211 Class 3 Medical Assessments.

3.5.5 Central Examination Organisation

The Central Examination Organization (CEO) of Director General of Civil Aviation is vested with the responsibility of conducting knowledge based examination for Aircraft Maintenance Engineers, Pilots, and Flight Dispatchers. The CEO conducts the computer based examinations throughout the year with Centers spread all over India. During the period from January 2023 to March 2024 the details of exams conducted by CEO are as follows-:

S. No.	Type of Exam	No. of Candidates Scheduled
1.	Flight Crew	46416
2.	Aircraft Maintenance Engineer	33711
3.	Foreign Aircrew Temporary Authorization(FATA)	91
4.	Flight Dispatcher (FDEG)	700
5	Student Flight Engineer	02
Total		80920

3.6 AIR SPACE AND AIR NAVIGATION SERVICES STANDARDS (AS & ANSS)

3.6.1 DGCA issued an Advisory Circular 01/2023 on 'GNSS Interference in airspace'. 42 new Instrument Flight Procedures (IFPs) procedures were approved on various aerodromes and 63 procedures amended during the year so far.

3.6.2 Surveillance activities as per Annual Surveillance Programme (ASP), 2024:

- a) Surveillance Inspection of ATM facilities at Hirasar, Rajmundry, Madurai Aurangabad. Imphal and Raipur airports.
- b) Surveillance Inspection of CNS facilities at Cochin, Vijaywada, Hyderabad, Ahmedavad, Mumbai, Calicut and Bikaner airports.
- c) Surveillance Inspection of MET facilities at Rajmundry, Hirasar, Trichy, Calicut, Imphal and Deoghar airports.
- d) Surveillance Inspection of SAR facilities at Delhi CHQ

3.6.3 Spot Inspection: Spot inspection of ATM facilities at Chennai Airport.

3.6.4 CAR Amendment / Implementation:

Fatigue management for Air Traffic controllers has been implemented at more than 65 airports across the country

3.7 AIRCRAFT ENGINEERING

3.7.1 Design Organizations Approval (DOA) & Alternate Procedures to Design Organisation Approval (APDOA):

DOA enables organizations to design and develop Aeronautical Products, Parts & appliances in aviation sector. The following design organizations are engaged in indigenized design & development and continued airworthiness of aircraft, parts & appliances and have been approved/renewed in year 2023 under the provisions of CAR 21:

S. no	Name of the Organization	Approval granted
1	M/s Transport Aircraft Research & Design Centre (TARDC), Hindustan Aeronautics Ltd. Kanpur	For Design and development of Part 23 aircraft.
2	M/s Interglobe Aviation Ltd. (Indigo)	For minor design changes on FAR 25/CS-25 category aircraft.
3	M/s Ubifly Technologies Pvt. Ltd. Chennai	For Type Certification of propeller and electric aircraft.
4	M/s Pawan Hans Limited, Noida, U.P	For carrying out Supplemental Type Certificates and Repair on FAR/CS-27 & 29 aircraft (Rotary Craft).
5	M/s Vandana Aircraft Services Private Limited	To carryout design changes limited to cabin interiors and related structural changes, Galley and other equipment's on

		the FAR / CS-23, FAR / CS-25 (or equivalent aeroplanes), FAR / CS-27, FAR / CS-29 (or equivalent rotorcrafts)
6	M/s Aero Champ International Pvt. Ltd, Navi Mumbai	To carryout design changes limited to Cabin interior limited to electrical and electronics and related structure on FAR / CS-23, 25 or equivalent aircraft FAR/ CS-27, 29 or equivalent rotorcraft
7	M/s Aero Engine Research & Design Centre, HAL Bengaluru	TC, STC & ITSOA of Turbo Shaft Engine, Turbo Prop Engine & Auxiliary Power Unit
8	M/s HBL Power Systems Limited, Hyderabad	Supplemental Type Certificates for CS-VLA, FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts) limited to Aircraft Battery Installation. ITSO for Aircraft Batteries
9	M/s Epsilon Aerospace Private Limited, Navi Mumbai, Maharashtra	Supplemental Type Certificates and Minor Changes on FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts) limited to Cabin Interiors except electrical and electronics.

3.7.2 Type Certificate was issued for Hansa-3(NG) aircraft.

3.7.3 The following modifications were approved in year 2023 under the provisions of CAR 21.

- a) Modification of Cabin Reconfiguration from zero seat LOPA to 192 seat LOPA on Airbus aircraft by M/s Air India Ltd.
- b) Minor modification of IGO-DO-MOD-11-001 on INDIGO operating issued to The Head of the Design Organisation (HODO) Airbus aircraft models A320-232, A320-251N, A320-271N, A321-251NX, A321-252NX and A321-271NX.
- c) Modification approval of Cloud Seeding on Cessna 208B aircraft developed by IIT Kanpur.
- d) Modifications on Hindustan 228 aircraft which was type certified by DGCA in 2022
 - Installation of Oxygen system(s) for on-board occupants in cabin
 - Integration of Digital Autopilot system
 - Aircraft with 19 Pax for limiting MTOW to 5695 Kg
 - Integration of Dual GDR-1636 combined VHF NAV/COM system
 - Integration of PAC45A Digital intercom system
 - Integration of ADF-4000 system
 - Integration of TCAS 3000SP System with ADS-B out
- e) Modification for ALH Civil Dhruv Helicopter for

- Installation of Nitrided Steel Bolt-Collective Hinge to prevent wear out
- Installation of friction based trim actuator in collective channel and higher preload trim actuator in cyclic longitudinal channel.

3.7.4 The following prototypes were approved in year 2023 under the provisions of CAR 21.

- Aircraft 9g seats manufactured (Prototype).
- VHF
- RAM

3.7.5 Hindustan-228 manufactured (MSN:-4153) under CAR 21 Subpart F.

3.7.6 An Indian TSO is a minimum performance standard for specified materials, parts, and appliances used on civil aircraft. In 2023, six Indian Technical Standard Orders and two Indian Technical Standard Order Authorisation (ITSOA) have been published.

3.7.7 Total of 03 Special Flight Permit and 03 Flight Condition were issued in the year 2023. Further, total 04 Test Pilot were approved for Hindustan-228 Aircraft in the year 2023.

3.7.8 Type Acceptance of Aeronautical Products/ Changes to their type design:

Type design of aeronautical products i.e. aircraft, engines and propellers certified by foreign Civil Aviation Authorities have been evaluated and the following numbers have been granted type acceptance from design point of view for operation in India:

S. no	Aeronautical Product	No. of type acceptance
1	Aircraft	19
2	Engine	23
3	Propeller	05
4	Helicopter	04
5	Hot Air Balloons	00

Further, Supplemental Type Certificate/ changes in type design certified by foreign Civil Aviation Authorities have been evaluated and for total 73 STCs type Acceptance have been granted from design view point for incorporation of modifications on the aircraft operational in India.

3.7.9 Aero Laboratory Division:

Following investigations have been carried out:

SI No	Activity	Number
1	Aircrafts failed parts were investigated in detail to determine the primary cause of failure and to avoid re-occurrences and accordingly reports were prepared.	NIL
2	CVR & FDR were monitored as per schedule	81+79=160
3	CVR & FDR related to accident & incident were investigated	NIL
4	Fuel Samples were examined	54
5	Fuel test carried out for VVIP Flight, Accident & Incident, Fuel Tank Commissioning and Quality control monitoring	872

3.7.10 Air Transport Division:

Following activities have been carried out:

SI No	Activity	Number
1	Domestic schedule Flight approved in Summer & Winter Schedule	46,639 flights per week
2	International schedule Flight approved in Summer & Winter Schedule	3,721 flights per week
3	Publishing of domestic Air Traffic Data	12
4	Handling of VIP references	135
5	Reply for Parliament Questions	180
6	Approval of amendment of flight schedules	12,943 flights
7	RTI reply	396
8	Handling of Court Cases pertains to ATD-AED	86 active cases as on date

3.8 DRONES

During the year 2023-2024, authorization to 44 Remote Pilot Training Organizations and 40 Type Certificates have been issued by DGCA. DGCA has signed a Memorandum of Understanding (MoU) with European Union Aviation Safety Agency (EASA) on 4th July 2023 to collaborate on Unmanned Aircraft System (UAS) and Innovative Air Mobility (IAM). This will ensure the highest standards of aviation safety and environmental protection with focus on

development of regulatory safety standards and other related requirements for certification and operation of UAS and IAM. This also includes competency of personnel organisation and UAS traffic management standards and services. This MoU has cooperation on knowledge transfer, joint organisation of conferences, workshops and training programmes by DGCA and EASA in this area.

3.9 AERODROME LICENSING

3.9.1. AERODROME LICENSING (From January 2023 to March 2024):

Aerodrome licenses (Public Use) have been issued to 10 new aerodromes from January 2023 to March 2024 including Shivamogga Airport, Rajkot International airport Hirasar, Utkela airport, Moradabad airport, Ayodhya airport, Azamgarh airport, Chitrakoot airport, Shrivasti airport, Aligarh Airport and Ambikapur airport.

Renewal of Aerodrome License (Public Use Category) (48):- (Maharana Pratap) Udaipur, Raipur, HAL Ozar (Nasik), Kurnool, Kushinagar, (Biju Patnaik) Bhubneshwar, Madurai, Dimapur, Dibrugarh, Keshod, Donyi Polo (Hollongi), Aurangabad Airport, Sindhudurg, Mangaluru, Shirdi, Lucknow, Kishangarh, Kalaburagi, Dehradun, Belagavi, Rajahmundry, Varanasi, Bhavnagar, Amritsar, Kandla, Surat, Pantnagar, Kangra, Gaya, Naini-Saini Airport, Vijayawada, Kolhapur, Shimla, Puducherry, Ludhiana, Jalgaon, Porbandar, Agatti, Kullu-Manali, Lengpui, Rajkot, Tezu, Patna, Juhu, Mundra, Kolkata, Shamshabad, Chennai Airport.

3.9.2 Surveillance Inspection of Aerodromes licensed in (Public/Private use category) (117)

Donyi Polo (Hollongi) (Jan 2023), Keshod (Jan 2023), Khajuraho (Jan 2023), Khushinagar (Jan 2023), CSIA (Mumbai) (Jan 2023), Begumpet (Hyd) (Jan 2023), Coimbatore (Jan 2023), Jaipur (Jan 2023), Ranchi (Feb 2023), Durgapur (Feb 2023), Tirupati (Feb 2023), Jabalpur (Feb 2023), Jeypore (Feb 2023), KIA(Bangaluru) (Feb 2023), Rajkot (Feb 2023), Kishangarh (Feb 2023), Tuticorin (March 2023), Barapani(Shillong) (March 2023), Calicut (March 2023), MOPA (Goa) (March 2023), Kadapa (March 2023), Imphal (March 2023), Bhopal (March 2023), Pantnagar (March 2023), Agartala (Apr 2023), Lilabari (Apr 2023), Kolkata (Apr 2023), Nagpur (Apr-2023), Kalaburagi (Apr 2023), Belagavi (Apr-2023), Mundra (Apr 2023), Hubballi (May 2023), Kannur (May 2023), Jamshedpur (May-2023), Shimla (May 2023), Jagdalpur (May 2023), Mangalore (May 2023), Shirdi (May 2023), Puducherry (June 2023), Salem (June 2023), Jharsuguda (June 2023), Guwahati (June 2023), Birsigondia (June 2023), Kangra (June 2023), Sindhudurg (June 2023), Porbandar (July 2023), Vijayawada (July 2023),

Lucknow (June 2023), Bilaspur (July 2023), Gaya (July 2023), Surat (July 2023), Varanasi (July 2023), Jindal Vijayanagar (August 2023), Kolhapur (August 2023), Rourkela (August 2023), Rupsi (August 2023), Agatti (August 2023), Bhavnagar (Aug 2023), Udaipur (July 2023), Coochbehar (Sep 2023), Pakyong (Sep 2023), Rajahmundry (September 2023), Cochin (September 2023), Kandla (September 2023), Amritsar (September 2023), Kullu (September 2023), Shimla (May 2023), Jalgaon (September 2023), Khajuraho (July 2023), Chennai (October 2023), Trichy (October 2023), Dimapur (October 2023), Deoghar (October 2023), Vadodara (October 2023), Hal Ozar Nashik (October 2023), Dehradun (October 2023), Raipur (October 2023), Patna (November 2023), RGI Shamshabad (November 2023), Mysore (November 2023), Juhu (November 2023), IGIA (November 2023), Maduri (December 2023), Kurnool (December 2023), Aurangabad (December 2023), Bhubneswar (December 2023), Ahmedabad (December 2023), Lengpui (December 2023), Trivandrum (December 2023), Indore (December 2023), Dibrugarh (November 2023), Tezu (November 2023), Jagdalpur (January 2024), Deoghar (January 2024), Kolkata (January 2024), Bhopal (January 2024), Jabalpur (January 2024), Jaipur (January 2024), Begumet (HYD) (January 2024), Coimbatore (January 2024), Pakyong (Feb 2024), Jharsuguda (Feb 2024), CSIA Mumbai (Feb 2024), Rajkot International Airport (Feb 2024), Hisar (Feb 2024), Kangra (Feb 2024), Kishangarh (Feb 2024), Bengaluru (Feb 2024), Tirupati (Feb 2024), Rupsi (Mar 2024), Dony Polo (Hollongi) (Mar 2024), Jeypore (Mar 2024), New Goa Airport (MOPA) (Mar 2024), Udaipur (Mar 2024), Pantnagar (Mar 2024), Jindal Vijayanagar (Mar 2024), Calicut (Mar 2024).

Breath Analyzer Test of Ground Personnel's: (133)

Varanasi (Jan 2023), Salem (Jan 2023), Hubli (Jan 2023), Porbander (Jan 2023), Jharsuguda (Jan 2023), Kannur (Jan 2023), Pune (Jan 2023), Bhavnagar (Feb 2023), Kandla (Feb 2023), Gaya (Feb 2023), Rupsi (Feb 2023), Shamshabad (Hyd) (Feb 2023), Trichy (Feb 2023), Leh (Feb 2023), Jodhpur (Feb 2023), Cochin (March 2023), Juhu (March 2023), Ludhiana (March 2023), Gwalior (March 2023), Pakyong (March 2023), Rourkela (March 2023), Vijayanagar (March 2023), Visakhapatnam (March 2023), Kurnool (Apr 2023), Ozar Nashik (April 2023) Patna (Apr 2023), Cooch behar (Apr-2023), Port Blair (Apr-2023) Vadodara (Apr-2023) Deoghar (Apr 2023), IGI Delhi (Apr-2023) (Ongoing), Mysuru (May 2023), Rajahmundry (May 2023), Amritsar (May 2023), Dimapur (May 2023), Raipur (May 2023), Dehradun (May 2023), Aurangabad (May 2023), Chennai (May 2023) Surat (Jan-2023), Calicut (August 2023), Ranchi (August 2023), Durgapur (August

2023), Jeypore (August 2023), Kishangarh (August 2023), Kushinagar (July 2023), Agatti (November 2023), Indore (August 2023), Tirupati (August 2023), Chandigarh (August 2023), Bhopal (August 2023), Madurai (June 2023), Lengpui (June 2023), Trivandrum (June 2023), New Goa Airport Mopa (June 2023), Bhubaneswar (July 2023), Jalgaon (June 2023), Ahmedabad (June 2023), Gorakhpur (Sep 2023), Barapani (Sep 2023), Imphal (Sep 2023), Kadappa (Sept 2023), Tuticorn (Sept 2023), Bengaluru (Sept 2023), Pantnagar (Sept 2023), Coimbatore (Advanced October 2023), Jabalpur (Sept 2023), CSMI Airport Mumbai (Sep 2023), CSMI Airport Mumbai (Additional BA September 2023), Amritsar (Additional September 2023), Cochin (Additional September 2023), Shirdi (Oct 2023), Raipur (Additional Oct 2023), Agartala (Oct 2023), Lilabri (Oct 2023), Belgavi (Oct 2023), Nagpur (Oct 2023), Goa (Oct 2023), Srinagar (Oct 2023), Mundra (Oct 2023), Vadodara (Additional Oct 2023), Chennai (Additional Oct 2023), Patna (Additional Inspection 2023), Kolkata (Nov 2023), Jagdalpur (Nov 2023), Bilaspur (Dec 2023), Sindhudurg (Nov 2023), Mangalore (Nov 2023), Jamshedpur (Nov 2023), RGI Shamshabad (Additional inspection Nov 2023), Aggati (Nov 2023), Shimla (Nov 2023), IGI (Additional Inspection Nov 2023), Gondia (Nov 2023), Kolhapur (December 2023), Udaipur (December 2023), Lucknow (December 2023), Puducherry (Dec 2023), Kangra (Dec 2023), Kalaburgi (Dec 2023), Guwahati (Dec 2023), Jammu (Dec 2023), Indore, Ahmedabad, Port Blair (Additional Inspection (Dec 2023), Ranchi (January 2024), Rourkela (January 2024), Juhu (January 2024), HAL OZAR Nasik (January 2024), Pune (January 2024), Ludhiana (January 2024), Shivamogga (January 2024), Cochin (January 2024), Hubli (January 2024), Gaya (Feb 2024), Utkela (Feb 2024), Bagdogra (Feb 2024), Bhavnagar (Feb 2024), Jalgaon (Feb 2024), Varanasi (Feb 2024), Tuticorin (Feb 2024), Kadapa (Feb 2024), Vishakapatnam (Feb 2024), Imphal (Mar 2024), Barapani (Shillong) (Mar 2024), Coochbehar (Mar 24), Surat (Mar 2024), Kandla (Mar 2024), IGIA New Delhi (Mar 2024), Leh (Mar 2024), Tiruchirappalli (Mar 2024), Rajahmundry (Mar 2024).

Apron and Ground Handling Inspection (50)

Pune (Jan 2023), Kannur (Jan 2023), RGIA (Shamshabad) (Feb 2023), Tiruchirappalli (Feb 2023), CIAL (Cochin) (March 2023), Visakhapatnam (March 2023), IGI Delhi (April 2023), Amritsar (May 2023), Patna (May 2023), Chennai (May 2023), Trivandrum (June 2023), Ahmedabad (June 2023), Jaipur (July 2023), Bagdogra (July 2023), Calicut (August 2023). Ahmedabad (Additional September 2023), Patna (Additional September 2023), Kolkata (Additional September 2023), RGI Airport HYD (Additional GHA September 2023), Bengaluru (September 2023), CSMI Mumbai (September 2023), Chennai (September 2023),

Trivandrum (Additional October 2023), Indore (Additional October 2023), Pune (Additional October 2023), Goa (October 2023), Srinagar (October 2023), IGI (Additional October 2023), Tiruchirappalli (Additional October 2023), Kolkata (November 2023), Guwahati (Additional Inspection November 23), Cochin (Additional Inspection November 2023), Mangalore (November 2023), Jaipur (Additional Inspection Nov 2023), Lucknow (Additional Inspection Nov 2023), Bangalore (Additional Inspection Nov 2023), Guwahati (December 2023), Lucknow (December 2023), Port Blair (December 2023), IGI (December 2023), Mumbai (December 2023), Kolkata (December 2023), Chennai (Additional Inspection December 2023), Cochin (January 2024), Pune (January 2024), Bagdogra (Feb 2024) , Varanasi (Feb 2024) , Vishakhapatnam (Feb 2024), IGIA New Delhi (Mar 2024), Tiruchirappalli (Mar 2024).

Major Change Management/Expansion/Modifications of Aerodrome/Approvals/Others (From January 2023 to March 2024)

163 Approval of change management proposal at concept, execution and commissioning stage were processed and granted by this directorate, the major projects **commissioned** during this period are as follows

1. Extension & Strengthening of Existing Runway, Taxiway, Apron, Isolation Bay, Jet Blast area, RESA and Grading of runway strips at Kadapa Airport (license under day VFR conditions).
2. Widening and grading of basic strip of runway, construction of perimeter road, storm water drains and operational boundary wall" at Khajuraho Airport.
3. Passenger Boarding Bridge (PBB) at Mars Stand 57(L &R) at GHIAL Shamshabad Airport.
4. 02 Nos. Passenger Boarding Bridges (PBBs) at Bay No. 2 & 5 and AVDGS at Devi Ahilya Bai Holkar Airport, Indore.
5. Newly constructed taxiway-'V', and Apron-'D' for CAT III operations at Jaipur International Airport, Jaipur.
6. "Provision of AVDGS for Remote bays at Chennai Airport-Phase I (44 stands)" at Chennai Airport- Phase I (44 stands).
7. Resurfacing of the existing RWY 09/27 for Code C type of aircraft operations and associated works at Madurai Airport.
8. Parallel taxiway-U between TWY-T & S and parallel TWY-U1 between TWY-R & Q, and Link TWY 'Q' at Jaipur International Airport (JIA), Jaipur.

9. Expansion of turn pad and fillets for link taxi track for B 777 300 ER type of aircraft (VVIP only) at Rajahmundry airport.
10. Provision of taxiway centre lights on rapid exit taxiways A5 and A8 Kempegowda International airport, Bengaluru.
11. Fuel hydrant system of NE apron (6-14, 39) PBB operation of stands 6-9, 13, 14, 42-46 and AVDGS operation of stands 6-14, 39, 40-42 at RGI airport, Shamshabad.
12. 03 nos. of hanger for Code-C aircraft, apron and Link taxi track at NSCBI airport, Kolkata.
13. New fire station (Category-VII) at Vijayawada airport.
14. Grading work in critical area of LLZ, constructed frangible GP and LLZ hut and constructed RESA Rwy 08 side at Maharana Pratap airport, Udaipur.
15. Revised declared distances and reconfigured RESA at Maharana Pratap airport, Udaipur.
16. Runway threshold identification lights RTIL for runway 24 at Mangaluru International airport, Mangaluru.
17. Extended RESA for Rwy 09 up to 240x90 m from available RESA of size 90x90 m and associated electrical works at LBSI airport, Varanasi.
18. Expansion of turn pad at both ends of runway 13/31 for B777 300 type of aircraft at BM airport, Ranchi.
19. Airside capacity enhancement (Stand no. 101 – 115, Twy 1 N1, N2, N3, N4, N & P, 3 RETs stand no. 33 – 40, associated AGL and its integration with ILCMS) at NSCBI airport, Kolkata.
20. Extended portion of turn pad beginning runway 22 for operation of B777 – 300 ER type of aircraft (VVIPs only) at Surat airport.
21. Expanded portion of turn pad beginning runway 14/32 for B777-300ER type of aircraft (VVIPs only) at BPI airport, Bhubaneswar.
22. Runway re-carpeting and strengthening and fixing central line lights including allied civil and electrical works at Calicut airport.
23. Overlaid portion of runway 27 from beginning to 215m, runway turn pad 27 and extended portion of turn pad runway 27 for B777-300 ER (VVIP only) type of aircraft at LBSI airport, Varanasi.
24. Providing apron drive glass walled passenger boarding bridges (PBB) and advanced Visual Docking Guidance System (AVDGS) at Rajkot International airport, Hirasar.

25. New fire station and approach road connecting fire station to runway at JPNI airport, Patna.
26. Runway resurfacing and providing fillets and turn pad for B-777 VIP flight Operations at MP airport, Udaipur.
27. Replaced CAT 1 Localizer and glide path (AGA point of view at Birsa munda, Ranchi).
28. Part commissioning of provided apron drive glass passenger boarding bridges (9PNNs) and AVDGS at parking stand 2 & 3 at Jabalpur airport
29. Extended turn pad and fillets for link taxi track for B777-300ER type of aircraft (VVIP aircraft) at LBSI airport, Varanasi (SH: turn pad 009 side runway and fillet taxiway A & Taxiway B).
30. Aircraft parking stands 63 to 69 with associated portion of taxilane M2 & M3 and extended portion of taxilane M & M1 for remote operations at RGI Shamshabad, Hyderabad.
31. Expanded apron, constructed isolation bay with taxiway and provided standard runway strip and allied works at shillong airport, Barapani.
32. Relocation of wind direction indicator Rwy 34 at KNI airport, Durgapur.
33. Constructed Localizer and Glide Path (LLZ & GP) Hut of frangible nature at JPNI Airport, Patna.
34. Re-surfacing of Existing flexible Runway 05/23 and Taxiway A, overlay of flexible pavement over rigid portion of Runway 05, Construction of Longitudinal and Cross drainage at both sides of runway, maintenance of Runway strip, construction of link roads connecting runway to Glide path and DVOR and other allied civil/electrical works at Coimbatore International Airport.
35. Newly installed ILS at the new location, MBB Airport, Agartala.
36. Turn Pad Runway 06 and Fillets for Link Taxiways (A & B) for B777-300 ER type of Aircrafts (VVIP only) at Raipur Airport.
37. Provision of advance visual dockings systems (AVDGS) for parking bays at SGRDJI Airport, Amritsar.
38. GPU & PCA mounted Passenger Boarding Bridges and A-VDGS equipment at stands 58 to 64 & 66 to 69 and fuel hydrant system for stands 63 to 69 at RGI Airport, Shamshabad.
39. Grading and levelling work for widening of runway strip from 150m to 220m i.e 110m on either side from centerline of Runway 14/32 at Thiruvananthapuram International Airport.

40. Installation of CWIS-MET (Current weather Indicating System) at Khajuraho Airport.
41. Resurfaced Runway 10/28 and associated taxiways (G2,H1,H2,H3,J2,J3,J7,K1 & K2) at IGI Airport, New Delhi for Precision Approach Runway Category III operations.
42. Constructed TWY R4, Extended portion of TWY P between TWY D and R4, and Designation of link taxi lane connecting TWY G and H in apron 2 at SVPIA Ahmedabad.
43. Graded runway strip, constructed drainage and rainwater harvesting system inside operational area at LBSI Airport, Varanasi.
44. 22 Aerobridges/PBBs and 82 AVDGS on New T1 Apron at IGI airport, New Delhi.
45. 7 nos. of passenger boarding bridge (PBB), A-VDGS & SNI for Proposed stand no. 103/104/105/106 at Lucknow International Airport.
46. Extended portion of Apron with 02 additional parking stands and revised GSE Area at Puduerry Airport.
47. Re-commissioning of the Taxiway G and G1 post profile correction subsequent to the Runway 06 24 recarpeting work at Mangaluru International Airport Limited.
48. Newly constructed Taxiway G9 including Taxiway strip and partial de-Commissioning of Taxiway E connecting to Runway 06 for runway 24 RESA related works at Mangalore Airport.

3.10 MAINTENANCE, REPAIR & OVERHAUL (MRO)

Government had announced a set of policy provisions under the National Civil Aviation Policy 2016 for the creation of a congenial atmosphere for broad-based development of aircraft Maintenance, Repair and Overhaul (MRO) in India. Accordingly, many incentives/ rebates like exempted customs duty, simplified clearance processing, land allotment etc. have been provided under the NCAP-2016 for the development of Maintenance, Repair and Overhaul (MRO) sector in India. The tax regime has also been substantially rationalized, with GST rates on domestic MRO having been reduced from 18% to 5% and zero-rating of MRO services provided by domestic MROs to Indian airlines under contract from foreign MROs, both w.e.f. 1st April 2020.

Currently, there are 156 Maintenance Repair & Overhaul (MROs) approved in India for the Line/Base maintenance. Out of which 53 standalone MROs are approved for the base maintenance and 07 are capable to carry out the Maintenance Repair & Overhaul of the aircraft and the components.

Number of MRO in India has increased to 156 from 96 in 2014. There is 63% increase in MROs in India in last 10 years.

Due to the development, Indian operator/airlines are availing MRO facilities within India instead of sending their aircraft abroad for major maintenance, which has reduced time and cost for the airlines.

3.11 DEVELOPMENTS MADE IN CORSIA/LTAG AND SUSTAINABLE AVIATION FUEL

India has strongly advocated and has been able to revise the CORSIA baseline to 85% of 2019 emission to benefit Indian carriers along with reduction in 'Individual Growth Factor' to zero and 15% for compliance cycles 2030-2032 and 2033-2035 respectively.

India submitted its working paper in ICAO's Third Conference on Alternate Aviation Fuels stating its current position and expectations from ICAO. After a series of negotiations, ICAO released the Global Framework for SAF, LCAF and other Aviation Cleaner Energies which proposed a collective global aspirational Vision to reduce CO2 emissions in international aviation by 5 *per cent* by 2030 through the use of SAF, LCAF and other aviation cleaner energies (compared to zero cleaner energy use) during the 3rd Conference on Alternate Aviation Fuels held in Dubai.

India achieved success in keeping its interests by inclusion of following aspects in the framework which is line with the consensus achieved in LTAG:

- The document addressed almost all the interventions/concerns raised by India which included the consensus achieved by member states in LTAG related to national circumstances and special capabilities as per the national timeframe; which makes the goal as non-binding.
- Concerns regarding capacity building and technical assistance have been addressed which include state donors, technology transfer.
- Decentralization of fuel production across all the States.
- Stimulate investment in line with No Country Left behind Initiative.
- Low-cost financing and funding across all states in a transparent and effective manner.
- Expanding the scope of Finvest hub to include innovative funding and risk mitigating mechanism
- Accelerate the development and approval of new Sustainability Certification schemes.

Approvals granted by DGCA during the year in respect of use of SAF are as follows:

1. Approval to M/s Indigo to carry out its all ferry flights with 5% blended fuel from Toulouse to Delhi.

2. Approval to M/s Vistara to carry out its ferry flight of B-787 from USA to India using 28% of SAF blended fuel on 29th March 2023.
3. Approval to M/s Air Asia to carry out its first commercial domestic flight (Pune to Delhi) with 0.75% SAF blended fuel on 19th May 2023.

Fuel testing for more than 3500 samples for all VVIP flights was carried out by the Fuel Testing Laboratory in DGCA including the G-20 Summit in September 2023.

3.12 SURVEILLANCES AND SAFETY OVERSIGHT

DGCA conducted 3678 planned surveillances against 3827 planned during the year 2023. In addition, 1533 spot checks and night surveillances were also conducted on various civil aviation stakeholders across the country.

Summary of Surveillances and Checks				
S. no	Surveillances/Checks	Planned for 2023	Targeted	Conducted in 2023
1	Planned Surveillance	3346	3104	3213
2	Ramp inspections (Domestic Airlines)	409	375	399
3	Ramp inspections (Foreign Airlines)	72	67	66
	Total for planned surveillances	3827	3546	3678
		Actual conducted during 2022		
4	Spot Checks	1095		1094(99.9 %)
5	Night surveillances	322		439 (136 %)

3.13 FLIGHT STANDARDS DIRECTORATE (FSD)

3.13.1 Fixed wing Cell:

- a) New fleet induction of Airbus A350 was successfully carried out in M/s Air India.
- b) New Schedule Commuter M/s JUST UDO AVIATION PVT LTD (Fly91) was made operational.
- c) Total of 970 surveillance were carried out. This included issuance of Show Cause Notices, Warnings and financial Penalties were imposed on violations of regulations due to enhances surveillances.
- d) Special VFR for scheduled Operator of ATR aircraft operations to Deogarh & Gondia Airfields were approved.
- e) CAR Section 7 Series J part III Flight Duty Time limit (FDTL) was revised taking in view safety concerns to mitigate crew fatigue and improved efficiency in terms of Operations of Aircraft.

- f) Other CARs revised as per ICAO SARPS included CAR Section 7/D/IV-FSTD, 7/G/IV-Licenses of Defence Personal, 8/B/I- Cat II & III, CAR 8/F/I- Requirement to Exercise privileges of License, 8/F/VII-Requirement of Training Small Aeroplanes, 8/O/II-Commercial Aeroplane Operations, CAR 8/S/II-RVSM, 8/S/VIII-EFB.
- g) New announcement: Promotion of awareness through announcements of passengers through DIGIYatra, passenger centric regulations and passenger rights including voter awareness.
- h) Extensive Operational work w.r.t merger of M/S Air India Express Ltd, M/s Air India Express connect Ltd is in process along with M/s Vistara & M/s Air India.
- i) M/s Big Charter Pvt Ltd (FlyBig) was granted clearance to fly critical highly terrain to Pithoragarh (Uttarakhand).
- j) Approval granted due new fleet induction for M/s Air India to following facilities:
 - i) A350 simulators at Airbus Singapore; ii) A350 simulator at Airbus Toulouse.
- k) New ATR 72-600 Simulator Evaluation was made for M/s Indigo.
- l) New Simulator approval granted to M/s CSTPL Bengaluru for ATR 72 type aircraft and CSTPL Gurugram for Airbus A320 type aircraft.
- m) New initial simulator approval were granted at Gatwick, UK for following types of aircraft:
 - i) B 787-900; ii). B 777-300; iii) B737-800 & Max.
- n) To facilitate the Air Passengers for period during FOG period of year 2023-24, DGCA has instructed all the airlines to activate an EMERGENCY CONTROL ROOM (WAR ROOM) and at each metro airports manned by top managers who are authorized to take prompt decisions and address any unforeseen developments in the shortest possible time including any passenger complaints, take immediate steps for optimal movement of aircraft and provide adequate amenities to affected passengers in coordination with other stakeholders

3.13.2 Helicopter Cell:

- a) Certification of 07 New NSOPs including addition of New Aircraft in one existing NSOPs.
- b) New induction of AS 350 B2 was successfully carried out in M/s Pinnacle for Emergency Medical Services-Helicopter.
- c) A total of 119 surveillances were carried out. In addition, inspections and spot checks for various Yatra operations were also conducted. This led to issuance of Show Cause Notices & Warnings on violations of regulations due to enhanced surveillance.
- d) PBN approvals were done for one of Helicopter operator.
- e) CARs revised include 7/G/IV-Licenses of Defence Personnel, 8/H/II Flight Crew Training and Qualification Requirements for Commercial Helicopter Operations.
- f) M/s Fly Ola Aviation Academy was given clearance to conduct training flying for helicopters in India.

3.14 FLYING TRAINING:

- To meet the requirement of Commercial Pilots in the country, there are 36 Flying Training Organizations approved by DGCA. Two new FTO were approved in January 2024.
- Surveillance / Inspection of 28 Flying Training Organizations was carried out during the period till 31.03.2024.
- Oral Examination of 141 candidates was conducted during the said period for issue/Renewal of FIR/AFIR.
- For effective implementation of e-Governance, 389 new files were created in e-office.
- NOC has been issued to 02 Organisations for setting up new FTOs during the said period.

3.15 AIRWORTHINESS

3.15.1 Regulatory reforms

- With the growth of Indian Aviation and in order to facilitate maintenance and training support at foreign locations, CAR Section 2 Series E Part XI on Acceptance of Foreign Approved Maintenance Organization (FAMO) has been revised.
- CAR Section 2 Series X Part VI regarding Log Books has been revised to include approval of electronic aircraft technical log book. In addition, Guidance for organizations implementing electronic signatures, electronic record-keeping and manuals has also been issued.
- CAR Section 2 Series O Part VI - Manufacture, Registration and Operation of Powered Hang Gliders has been revised in line with international norms.
- CAR Section 2 Series X Part II - Weight and Balance Control of Aircraft has been revised permitting actual weight of crew, passengers and baggage to be considered for calculation of AUW in case of helicopter operations.
- To encourage Indian maintenance organisations, maintenance experience acquired by persons on foreign registered aircraft being maintained at Indian maintenance organisations is now considered for the issuance of an Aircraft maintenance Engineer's licence. CAR 66 on Licensing of Aircraft Maintenance Engineers has been according revised.

3.15.2 Aircraft related services

During the year 2023, 10207 services have been delivered which include:

- Registration of 179 aircraft and removal of 52 aircraft from the Civil Aircraft Register.

More than 427 aircraft registration related services have been delivered (Issuance of certificate of registration (C of R), variation in C of R, Temporary C of R).

185 aircraft were issued with initial certificate of airworthiness (C of A), airworthiness review certificate (ARC) and noise certificate (NC). Further, C of A, ARC and NC was facilitated at manufacturer's facility (Airbus and Boeing) for quick induction of new aircraft by Indian scheduled operators.

To facilitate seasonal flying, maintenance away from approved locations has been rationalised and the guidelines for the same revised.

325 Aircraft maintenance Engineer's (AME) licences have been issued, 831 AME licences renewed and 875 endorsements of additional type ratings made on the AME licences.

New fleet induction of Airbus A350 was successfully carried out in M/s Air India.

3.15.3 Surveillance activity

A total of 3192 surveillance activities were carried out which included 1383 planned surveillances, 1278 spot checks and 531 night surveillances. This included issuance of Show Cause Notices, Warnings and financial Penalties were imposed on violations of regulations due to enhances surveillances.

3.16 ADMINISTRATION

The following were celebrated in DGCA with wide participation from officers and staff:

- Women's Day 2023 – Health check-up (bone density) was organised. A motivational talk was organised on 'Challenges faced by Women at Workplace'.
- Environment Day was observed on 5th June 2023, with a focus on 'Mission Lifestyle' for Awareness. All officers of DGCA were encouraged to take an online pledge on eHRMS portal.
- Millet Fortnight was observed from 1st June to 14th June 2023 as a part of International Year of Millets (IYOM) 2023.
- 9th International Yoga Day was celebrated in DGCA on 21st June 2023 wherein yoga instructors were invited from Morarji Desai National Institute of Yoga to conduct a one hour yoga session.

Campaign on Organ Donation (17th September – 02nd October 2023) wherein Officers were encouraged to register on website of National Organ and Tissue

Transplant Organisation and take online pledge. Slogan writing competition was organised to spread awareness.

- Swachhata Hi Sewa (SHS) Campaign was organised in DGCA from 15th September to 2nd October 2023. This year's theme was "Garbage free India" with focus on visible cleanliness and welfare of Safai Mitras. Hygiene cleanliness workshop was organised, hygiene kits distributed, cleanliness appreciation day was organised on 22nd and 29th September 2023 wherein a cleanliness drive was conducted in all directorates and sections. Shramdaan (Cleanliness activity) was organised on 1st October 2023 the road outside DGCA Headquarters reception was cleaned.
- Special Campaign 3.0 (2nd October to 31st October 2023) action taken to liquidate pending references/ assurances/grievances, weeding out of files/records, scrap disposal and creation of additional spaces, awareness of Swachhata through Drawing/Poster/Essay Competition, Shramdaan and Tree plantation for beautification
- Swachhata Pakhwada (1st – 15th November 2023) was organised, wherein officers participated in Online Pledge on e-waste and swachhata, drive organised for e-waste collection and disposal, quiz competition, idea generation competition was organised on the topic "how to make DGCA cleaner and greener".
- Sardar Vallabhbhai Patel Birth Anniversary was observed on 31st October 2023 wherein a Unity pledge was organised to reaffirm inherent strength and resilience of our people to withstand threats to security, unity and integrity of our Country.
- Communal Harmony Campaign week (19th – 25th November 2023) was observed wherein a donation drive was organised for National Foundation for Communal Harmony (NFCH) to promote peace and harmony. All officers of DGCA were encouraged to donate online generously on 7th December 2023 towards Armed Forces Flag Day Fund.
- Vigilance Awareness Week 2023 was observed from 30th October 2023 to 05th November 2023 on the theme "Say No to Corruption; commit to the Nation". A three-month campaign was also undertaken focusing on awareness building about PIDPI resolution, capacity building programs and complaint disposal. Various competitions like essay writing, poster making etc. were organized during VAW 2023. Workshops on RTI Act and PIDPI resolution were also organized.

3.17 COMPLIANCE TO CYBER SECURITY GUIDELINES

3.17.1 NIC platform

For applications on NIC platform and pariksha portal, hosted on NIC platform, all NIC mandated cyber security measures viz. implementation of Endpoint Detection and Response (EDR), Server hardening, security audits by CERT-IN empanelled agencies and the NIC guidelines received from time to time are implemented.

3.17.2 eGCA platform

eGCA is extensively used platform by all aviation stakeholders which require regulatory approvals/ certificates/ licenses from DGCA. All such applications are processed through eGCA platform by DGCA officials. The following security measures are in place for the eGCA platform:

- Firewall with UTM feature is deployed on the perimeter of the eGCA AWS Cloud infrastructure.
- Implemented WAF, a web application firewall that helps protect web applications from common web exploits that could affect application availability, compromise security, or consume excessive resources.
- Implemented Trend Micro Deep Security- Trend Micro endpoint security infuses high-fidelity machine learning into a blend of threat protection techniques to eliminate security gaps across any user activity and any endpoint. It constantly learns, adapts, and automatically shares threat intelligence across environment.
- Implemented Network ACL-NACL's can be viewed as stateless (Uni-directional) traffic control filters, or firewall policy sets which are bound to specific Subnets.
- Implemented IBM QRadar- IBM QRadar is an enterprise security information and event management (SIEM) product. It collects log data from an enterprise, its network devices, host assets and operating systems, applications, vulnerabilities, and user activities and behaviours.
- Implemented Latest Server Hardening- Server hardening is a general system hardening process that involves securing the data, ports, components, functions, and permissions of a server using advanced security measures at the hardware, firmware, and software layers.
- Implemented SSL Certificate Configuration-SSL Certificate used for DGCA External Website for securing connections from a web server to a user's browser over Internet. SSL certificate encrypts data a user inputs into websites so that it can securely travel from their browser to web server.
- Trend Micro Deep Security Agent is configured to auto update with the latest AV definition across all the applicable nodes.

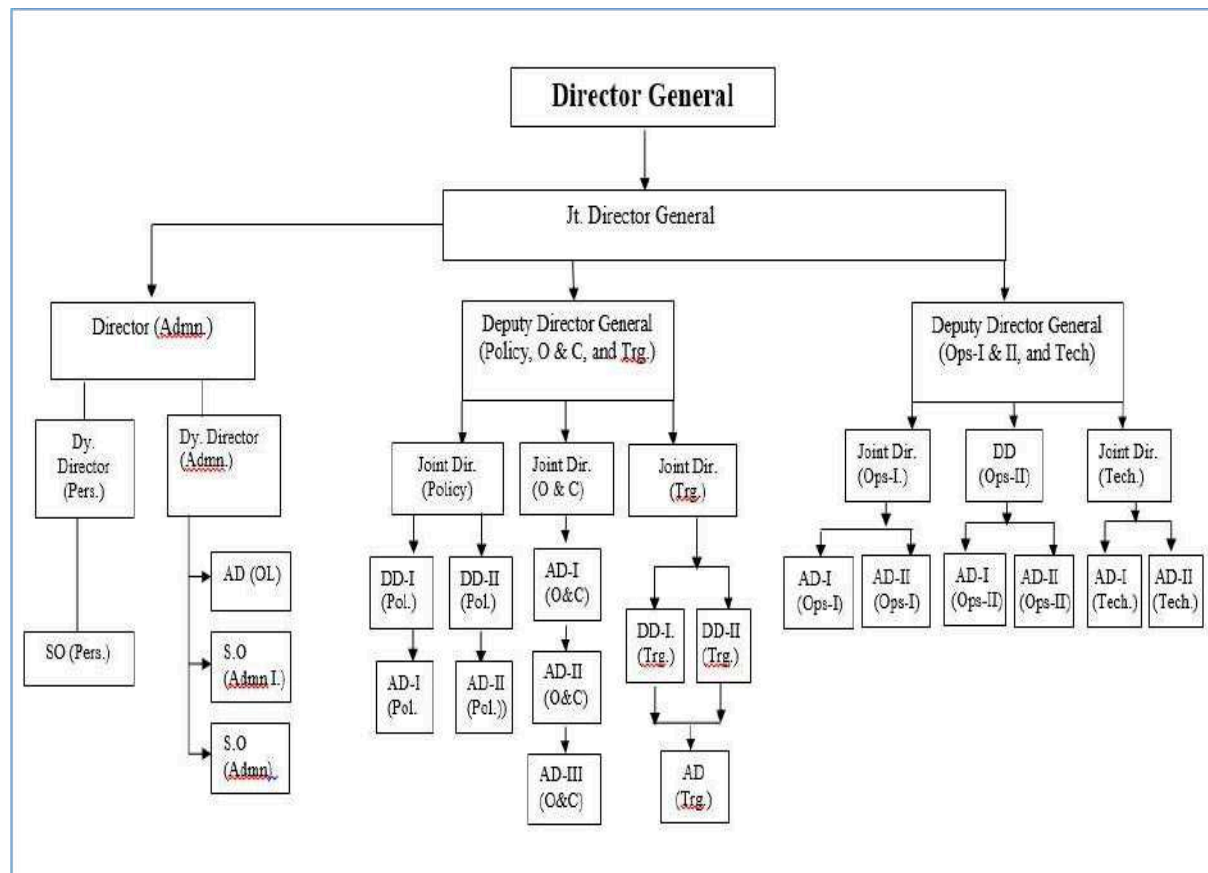
- AWS service is used to push the applicable patches which are required for Windows and Linux environments. Below are the screen shots of patches implemented on windows and Linux servers.
- Vulnerability assessment is carried out once in a six month for the eGCA infrastructure components by scanning through Nessus tool. Detected vulnerability is categorized in Critical, High, Medium and Low.
- Penetration testing is carried out by external agency once in a year. The exercise prevents attacker to exploit vulnerability in network.
- External security audit by CERT-IN empanelled agency is carried out every six month to identify and mitigate the security of the IT system implemented for eGCA system.

4. BUREAU OF CIVIL AVIATION SECURITY (BCAS)

4.1 INTRODUCTION

The Bureau of Civil Aviation Security (BCAS) is an attached office of the Ministry of Civil Aviation. The aim of BCAS is to safeguard civil aviation operations against acts of unlawful interference. The Bureau is responsible for laying down the standards for security in respect of civil flights operating to / from India and ensuring their compliance through regular inspections and security audits. The growth of Civil Aviation Industry has presented many new challenges especially related to security. In order to meet these formidable challenges, it is imperative that there must be in-depth appraisal of Government Policy/initiatives and its implementation collectively

BCAS has its headquarters in New Delhi. It is headed by Director General, who is the "Appropriate Authority" to ensure development, maintenance, updating and implementation of National Civil Aviation Security Programme for India and fulfil all international obligations in this context. The Bureau is the regulatory authority for discharging all relevant national and international requirements in respect of coordinating, monitoring, inspecting and training the personnel in Aviation Security (AVSEC) matters, implementation of AVSEC quality control programme and up-gradation of technology for securing civil aviation.



4.2 TRAINING DIVISION

- Bureau of Civil aviation is the Regulatory body for Aviation Security in India and BCAS has approved 37 Aviation Security Training institutes (ASTIs) of stakeholders/entities working in Aviation Sector in India. These ASTIs are conducting the different Aviation Security training/courses in their ASTIs as per the approval of DG, BCAS. They are also conducting one day Awareness training for non-security staff also.
- BCAS Training Division prepared the Annual Training Calendar 2023 for the Advance AvSec Courses, Testing and Certification of Screeners (Standalone as well as ILHBS) and AvSec Basic Course. Training calendar was uploaded in the BCAS Website thereafter, courses and test were conducted as per schedule.
- BCAS in coordination with the NIELIT has conducted AvSec Basic Course online examination on the final day of the course in different cities of India especially in Delhi, Mumbai, Kolkata, Hyderabad, Chennai, Bengaluru and Cochin. However, on the special request of Regional Offices of BCAS or on requirement basis, the tests were also conducted in other cities of India i.e. Srinagar (J & K), Lucknow (UP), Amritsar/Jalandhar (Punjab), Imphal, Patna (Bihar), Guwahati (Assam), Jaipur (Rajasthan), Ranchi (Jharkhand) for APSU personnel where the facility for conduct of online test was available with NIELIT.
- BCAS in coordination with the NIELIT has also started conducting of Testing and Certification of Screeners (Standalone & ILHBS) exam online from December 2023 in different cities of India especially in Delhi, Mumbai, Kolkata, Hyderabad, Chennai, Bengaluru and Cochin.
- In addition to the regular slots of Testing and Certification of Screeners (Standalone) were allotted with the approval of DG, BCAS to InterGlobe Aviation Limited, SpiceJet Ltd, Air India Ltd, Air Asia (I) Ltd, KSISF (Karnataka State Industrial Security Force), CISF, TATA SIA airlines Ltd, CELEBI, DCSC Etc. Total 49 special slot for Testing and Certification of Screeners (Standalone) were approved and allotted to different entities as per their requirement.
- Special slot of Testing and Certification of Screeners (ILHBS) were allotted with the approval of DG, BCAS to CIAL, BIAL, MIAL, GHIAL, DIAL and AAICLASS. Total 15 special slot for Testing and Certification of Screeners (ILHBS) were approved and allotted to different entities as per their requirement.
- Special approval for the 5 days Induction training for the APSU personnel under RO Guwahati, Patna, Ranchi, Hyderabad, Lucknow, Srinagar, Jaipur & Chennai were also accorded and accordingly RD's conducted the 5 days AvSec Induction Training.
- Online examination for AvSec Basic Course and Testing and Certification of Screeners (Standalone & ILHBS) is being conducted with the coordination of NIELIT and bilingual Question paper is prepared by BCAS in view of to increase the official language Hindi by Aviation personnel.
- Nomination for the Advance AvSec Courses being conducted in Aviation Security Training Institute (ASTC), IAA Campus, New Delhi are being received in e-BCAS (Training Module) from all stakeholders and accordingly the eligibility criteria is checked and after the approval of DG, BCAS the courses for eligible trainees is conducted. Result is also being uploaded on e- BCAS website for further viewing the result and self-generating/downloading of certificate as well.

- Further we have conducted additional batches of AvSec Instructor Course, AvSec Instructor Refresher Course, AvSec Auditor Course and AvSec Auditor Refresher courses in ASTC, IAA Academy in addition to the regular courses scheduled as per BCAS approved Annual Training Calendar 2023.
- Onsite reevaluation of ASTC, New Delhi was carried out on 12th August 2023 by ICAO representative and found ASTC, New Delhi in accordance with ASTC's norms and retained the ASTC New Delhi accreditation. During current training year, ASTC New Delhi has conducted 02 ICAO sponsored courses as follows:-
 - ICAO Aviation Security National Instructors Course w.e.f. 7-11 August 2023 wherein 17 participants from 6-member states (viz: -Hong Kong SAR, China, India, Maldives, Myanmar, Qatar and Singapore) participated.
 - ICAO Air Cargo and Mail Security Course w.e.f. 27 Nov – 1 Dec 2023 wherein 17 participants from 4-member states (viz: - Bhutan, India, Switzerland, Thailand) participated.
- The special batch of AvSec Basic Course for newly joined BCAS officers / officials on deputation in BCAS was conducted. The AvSec Instructor and AvSec Auditors course for BCAS officers were also conducted in ASTC, IAA Campus with the approval of DG, BCAS.
- Training Division, BCAS has developed and conducted 08 days tailored made programme i.e Indian Exposure Cum Study Tour for Aviation Security Command (Avsecom) personnel.
- Training Division, BCAS in coordination with IAA has developed online platform for conduction of Aviation Security Awareness Programme for Non- security staff.
- Training Division, BCAS in coordination with DfT(Department for transport), United Kingdom(UK) has conducted 03 course at ASTC, New Delhi(IAA) Campus.
- Details of Training Program organized by BCAS for Security personnel in Aviation Sector during the year 2023 as mentioned below: -

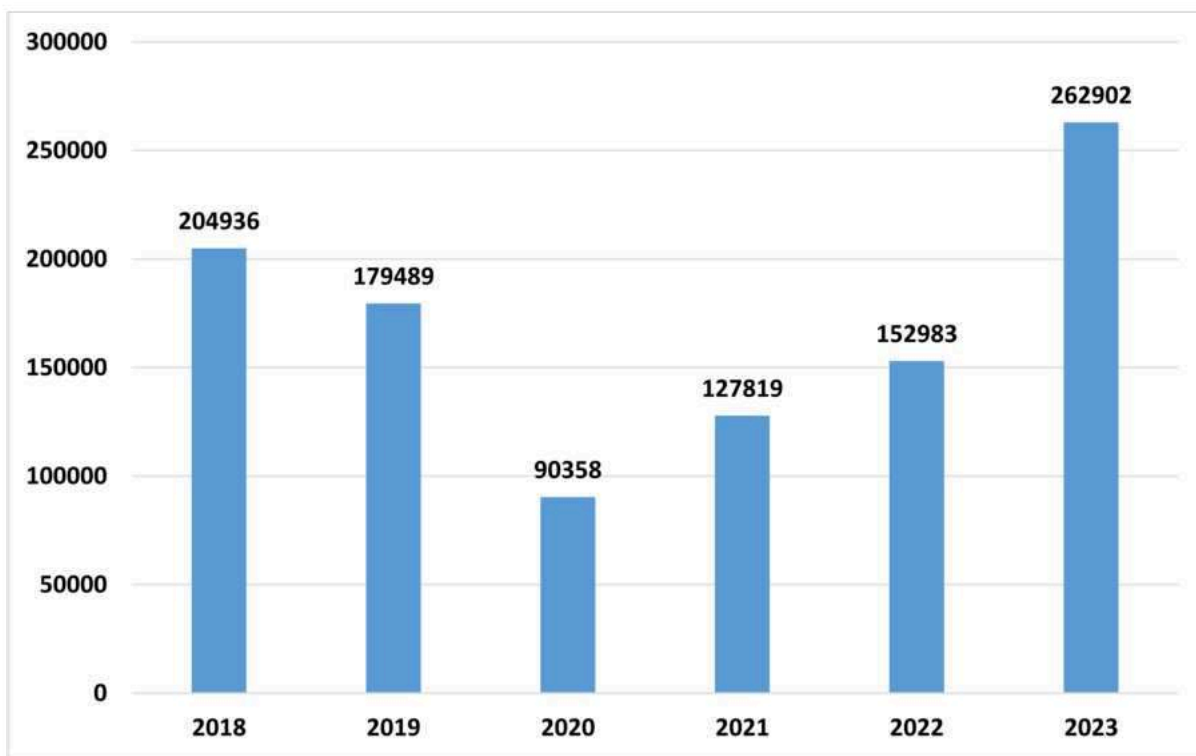
Sl. No.	Name of AvSec Course	Duration of Course (Days)	No of batches	No of Candidates appeared	No of Candidates passed
1	One day Awareness Training for non-security staff	1	Online	207625	207625
2	Aviation Security Induction Course	5	512	6951	6434
3	Aviation Security Basic Course	14	415	15386	9733
4	Aviation Security Basic Refresher Course	03	431	10442	10131

5	Testing and Certification of Screeners (Stand Alone)	02	571	12872	8537
6	Testing and Certification of Inline Hold Baggage Screeners	02	20	622	518
7	Aviation Security Cabin Crew Course	06	415	10408	9609
8	Aviation Security Cabin Crew Refresher Course	02	486	10095	9850
9	Aviation Security Instructor Course	07	11	169	59
10	Aviation Security Instructor Refresher Course	02	07	99	95
11	Aviation Security Auditor Course	08	06	118	32
12	Aviation Security Auditor Refresher Course	02	06	103	92
13	AvSec Crisis management Course	05	02	33	22
14	AvSec Supervisor Course	08	03	52	36
15	AvSec Security Cargo Course	07	01	22	11
16	Passenger and Cabin Baggage (Conducted by DFT)	05	01	16	16
17	ETD Course (Conducted by DFT)	05	01	16	16
18	IATA	05	04	07	07
19	Indian Exposure cum Study Tour	08	1	30	30
20	CISF/Police Supervisor Course (Conducted by DFT)	05	01	15	15
21	ICAO Air Cargo and Mail Security Course	05	01	17	17

22	ICAO AVSEC National Instructor Course	05	01	17	17
Total			2894	275115	262902

Participants in AvSec Courses organized in the year 2023

AvSec Awareness Training (Online) - 01 day: 207625
 AvSec Training (Different Courses) 02-14 Days: 55,277
 Grand Total: 2,62,902



4.3 TECHNICAL DIVISION

- Technical division has been assigned the responsibility to conduct manpower survey. Issue Technical specification/ website management and ensure Project Monitoring/Implementation & Commissioning of biometric Access Control system (BCAS) Project/ e-BCAS projects. Tech Division is responsible for Technical Coordination with ECIL/NIC/CDAS/ and similar organizations for various projects. Tech Division also keeps track on the Implementation of e-BCAS project with respect to security programme of various entities, Issuance/

Renewal of Airport Entry Passes (including biometric). Tech Division is also responsible for manning CPGRAMS, Air Sewa Portal and RTI Portal. Tech. Division also issues direction on the Cyber Security matters, election Commissions related matters. Tech. Division also conducts Security Clearance of US Federal Air Marshals & German FAM, Background check of foreign national for AEP purpose. Technical division also issues instructions on the Matters related to canine. One of the important responsibilities of Tech. division is to issue QRs and trail directives for the Security equipment for aviation security, Upcoming technology and its adaptation.

- **Manpower survey/resurvey:** During the year Technical division has received 53 proposal of augmentation of security manpower at airports, which were examined and finalized and in this regard letter has also been issued to the MHA.
- **German Federal Air Marshals: During** the mentioned period, 21 German Federal Air Marshals visit in India at the various airport after permission by BCAS HQ.
- **United State Federal Air Marshals: During** the mentioned period, 6 US Federal Air Marshals visited India at various airports after permission by BCAS HQ.
- **General Election to Legislative Assembly:** A letter had been received from Election commission to regarding Assembly Election 2023 of Karnataka Pradesh. In this regard, guidelines was circulated to concerned RDs/Airport/CISF and DGPs of the State.
- **Background checks:** - Technical Division had conducted more than 1365 background checks of foreign nationals with Central Security agencies i.e. IB and R&AW.
- **Technical specification:-** Tech division has conducted TSC meeting on finalisation of trial directives for full body scanners to start the process of procurement of FBS and installations at the airports in speedy manner. Tech. division has conducted TSC meeting and finalised the Specification of BR Jackets and NVDs for the use of CISF/ASG at the airports.
- **CACS:-**The Centralised Access Control system based on Biometric AEP has been implemented at 48 airports across India under jurisdiction of 20 BCAS

Regional offices. Approx. 2,87,725 Biometric based AEPs have been issued in the year 2023.

e-BCAS project:-e-BCAS has been successfully launched live w.e.f. 04/12/2023

PUBLIC GRIEVANCE REDRESSAL: - 105 grievances were disposed of during 2023 through CPGRAM, a web-enabled online system and 120 grievances were disposed of during the year 2023 through AirSewa digital platform. 18 RTIs were also disposed through the online RTI Portal.

4.4 POLICY DIVISION

Aircraft (Security) Rules, 2023: It has been developed with new regulations, covering broader/larger spectrum of all aviation security concerns and has been notified on 09.08.2023 in the Gazette of India replacing earlier Aircraft (Security) Rules, 2011.

Review and addressing the Congestion at airports: BCAS has reviewed the issues regarding the congestion at airports during peak hours in the country. It has carried out assessment for 6 major airports and 10 other identified airports w.r.t. Security Check Point infrastructure, Air Traffic Movements, CISF manpower, infrastructure and manning of immigration counters and suggested mitigating measures to all concerned to address the congestion issues. Noticeable improvements are being undertaken at respective areas of concern.

Review of guidelines for approval of floor plan: BCAS has taken steps to ensure that all the shops, foods stalls, etc. are allotted by the airport operators at approved spaces and not in the areas meant for to and fro passenger movements, seating arrangements, and areas marked for security processing of passengers at airports keeping in view of the smooth passenger movements and for smooth exit in case of any emergency. BCAS has issued directions in this regard enumerating guidelines for approval of Floor plan and a standard format for reference purposes while examining such proposals of approval of floor plan for establishment of shops/ lounges / business establishments/offices in the SRA of airports.

Centralized Access Control System: BCAS and MoCA initiated the project for Biometric Access Control System for issuance of biometric enabled smart-card based aerodrome entry permits for secured and regulated access of employees/staff to restricted areas at aerodromes across the country. Presently, the CACS project has been launched to cover 43 AAI airports and 5 JV airports in Phase-I.

Participation in ICAO events: BCAS has been participating in AVSEC Panel Meetings, and has started actively participating in other relevant Working Groups' meetings of ICAO to enhance Indian footprints in AvSec Policy

formulation at the world stage. Working Papers are being submitted for considerations for the AVSEC and CYSEC Panels.

Installation of Full Body Scanners: - BCAS has promulgated minimum technical specifications for procurement and installation of Full Body Scanners, for minimizing the long passenger queues, enhancing overall security, and improving/upgrading the technology at airports for frisking the passenger and to ensure zero error for the security matters.

Organizing of ICAO Aviation Security Culture Week: In continuation to ICAO's efforts to promote security culture among employees of stakeholders and air travellers, BCAS organized an "Aviation Security Culture Week" from 31st July to 5th August 2023 at all Indian Airports with a motto that security is everyone's responsibility. During the week, a series of activities had been conducted across the country and the event also has been recognized and appreciated by ICAO. Enhanced security culture will improve the overall security scenario of the country.

Ease of Doing Business: In a move towards Ease of Doing Business (EODB), BCAS launched the e-BCAS project. This digital transformation would bring a significant value addition to the security regulatory framework of India. Finally, the e-BCAS project went live on 04/12/2023.

AvSec Training: Thousands of non-security staff working at the airports have to undergo one day AvSec awareness programme which has been made on-line in place of classroom training w.e.f. 25th Nov 2022. However, a total number of 2,07,625 non-security personnel from industry have undergone this training by Dec'2023.

Online written examination for Security Screeners' Certification: With the approval of the MoCA, online written examination for Security Screeners' Certification has been started from Dec 2023. It will reduce difficulties of travel and delay for training and exam of screener staff of the stakeholders including ASG, Airport operators and aircraft operators.

4.5 PERS. SECTION

STRENGTHENING OF BCAS

Consequent upon approval of restructuring of BCAS from Department of Expenditure (DOE) & Ministry of Civil Aviation, the overall strength of BCAS HQ increased from 93 to 196 with increase of 103 posts and the number of Regional Offices (ROs) also increased from 20 to 24, besides 61 CASLO Units replaced with 13 Assistant Regional Offices (AROs).

Filling up of vacancies

During the year 2023, a total of One Hundred and Fifty-One (151) candidates have been selected against the vacant Group 'A' 'B' & 'C' posts in various ranks of which ninety (90) candidates have already joined and rest 61 are yet to join.

5. COMMISSION OF RAILWAY SAFETY (CRS)

5.1 BRIEF HISTORY

During British Era, the construction & operation of Railways were entrusted to private companies. Consulting engineers were appointed by the British Govt. of India to exercise effective control over them. But later on, the government undertook the construction of Railways themselves and the consulting engineers were designated as Government Inspectors. In 1883, their position was recognized statutorily. The power of safety controlling authority remained with Railway Board & Inspectorate office was placed under them.

In 1939, the Pacific Locomotive Committee, set up in connection with the Bihta disaster, recommended that Railway Inspectorate should be separated from the Railway Board on the principle that those responsible for the inspection of Railways should be independent of the Authority administering the Railways, as contemplated in Section 181(3) of the Government of India Act, 1935. These recommendations were approved by the Legislative Assembly in 1939, by the Council of State in 1940 and later accepted by the British Government of India. Accordingly in May 1941, Railway Inspectorate was separated from the Railway Board. The post of Chief Government Inspector of Railways (CGIR), through whom Government Inspectors of Railways (GIR) would report to Government, was created. Later on, the Inspectorate office was placed under the Department of Communication and now it is under Ministry of Civil Aviation (MoCA).

On 01.11.1961, CGIR was re-designated as Commissioner of Railway Safety (CRS) and GIR, as Additional Commissioners of Railway Safety (ACRS). In June of 1979, designation of CRS was changed to Chief Commissioner of Railway Safety (CCRS) and that of ACRS to CRS.

Commissioners are recruited from amongst officers of Indian Railways (IR) but they do not revert to Railways and are absorbed in the Commission of Railway Safety under Ministry of Civil Aviation. Chief Commissioner of Railway Safety is recruited from amongst the Commissioners who have completed 03 years of regular service.

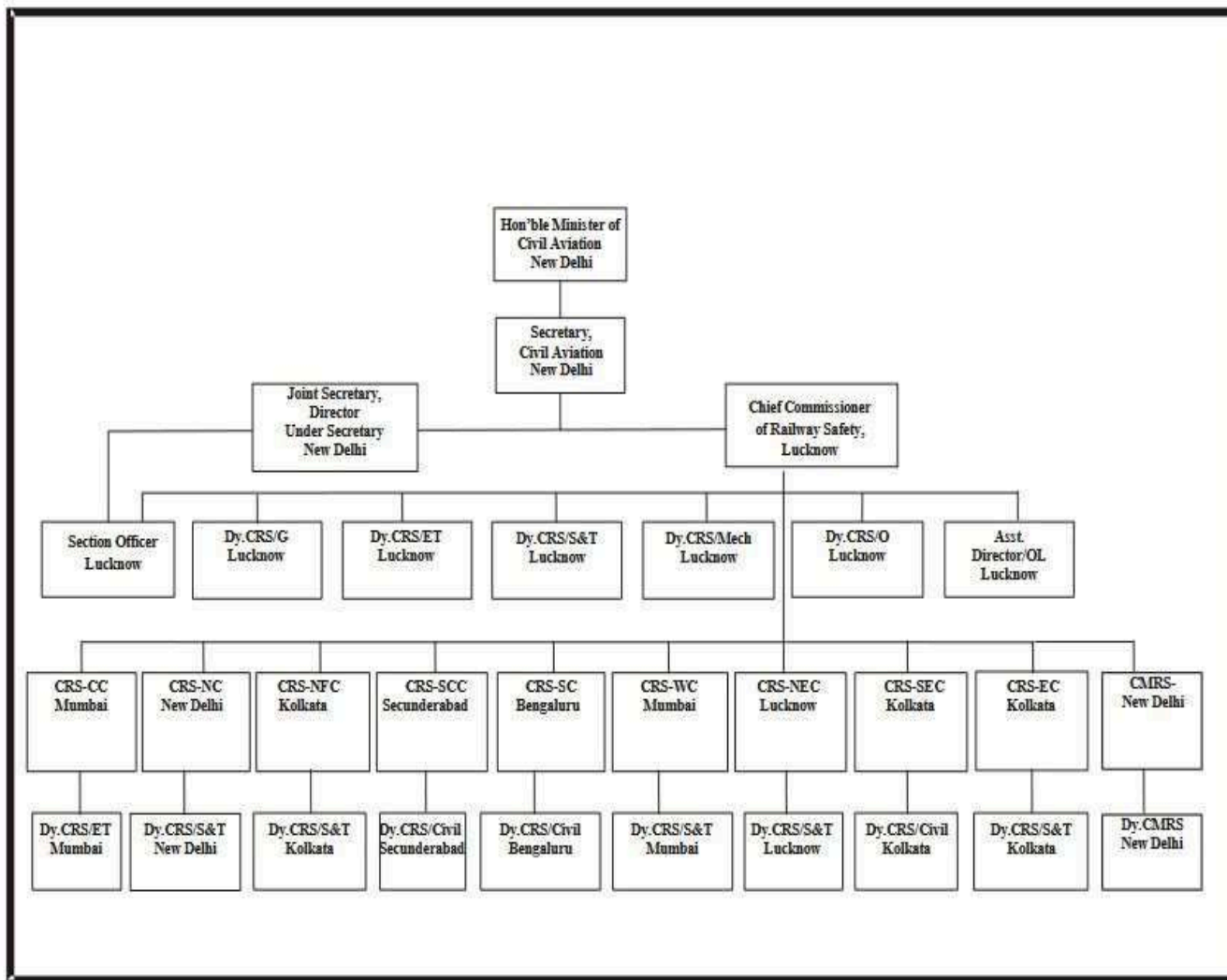
5.2 ABOUT THE ORGANIZATION

The office of the Chief Commissioner of Railway Safety (CCRS) is headquartered at Lucknow and is a part of Ministry of Civil Aviation (MoCA). CCRS acts as the Principal Technical Advisor to Central Government in all matters with which Commissioners are concerned.

There are 09 Commissioner of Railway Safety (CRS) & 01 Commissioner of Metro Railway Safety (CMRS) located at different places across the country and are looking after the works of different Zonal Railways and Metro Railways.

Their offices are called Circle Offices. Each Circle Office has a staff strength of about 15 employees consisting of 01 CRS/CMRS, 01 Dy. CRS/Dy.CMRS, 01 Sr. Private Secretary, 02 Senior Inspectors (technical), 01 Office Superintendent, 02 UDC, 02 LDC and 05 Multi-Tasking Staff.

There are two wings in the office of CCRS i.e. *Railway Safety Wing* and *Technical Wing*. *Railway Safety* wing looks after the administrative functions of the O/o CCRS and also acts as the Headquarter office of the organization. The technical wing works as think tank and maintains the institutional memory/strength of the Commission of Railway Safety on the technical matters.



5.3 DUTIES/FUNCTIONS of COMMISSIONERS

The duties of Commissioner of Railway Safety (CRS) are as below:-

To inspect any Railway with a view to determine whether they are fit to be opened for the public carriage of passengers or not.

To make periodical or other inspections of any Railway/Metro Railway or of any Rolling Stock.

To make inquiry into the cause of any accident of a Railway/Metro Railway.
Each Commissioner acts as HOD of her/his respective Circle offices.

5.4 FUNCTIONS OF THE CHIEF COMMISSIONER OF RAILWAY SAFETY

CCRS is the Head of the Organization of Commission of Railway Safety. She/he is responsible for overall smooth functioning of the organization. CCRS advises Central Government in all matters relating to Railway Safety, recruitment of officers, postings and promotions, budget and expenditure etc. Reports of inspections of new lines, doubling of existing line, gauge conversion works done by the Commissioners of Railway Safety are forwarded to Railway Board through CCRS office for obtaining the sanction of the Central Government. CCRS has been given the responsibility of preparation of the 'Annual Report' on the activities of Commission of Railway Safety.

MAIN ACTIVITIES	Data from 01.01.2023 to 31.12.2023	Data from 01.01.2024 to 31.03.2024	(Data from 01.01.2023 to 31.03.2024)
Railway Lines Inspection & authorization (in Km)			
Additional line/ Doubling	2406.17	907.56	3313.73
New Lines	511.91	346.17	858.08
Gauge Conversion	215.05	132.69	347.74
No. Of Application of Minor Works sanctioned	1414	461	1875
No. Of Rolling stock cases Sanctioned/ forwarded	30	9	39

PROGRESS IN USE OF HINDI

Commission of Railway Safety is actively pursuing the task of maximizing the use of Hindi for official communications. As a result of the sustained efforts of the CCRS office, the circle offices situated in the 'A', 'B' & 'C' region (categorizations as per Official Language Rules, 1976) has achieved fantastic figures of 100%, 100% & 90% respectively in Hindi correspondence during the year 2023-24. Commission published its in house Hindi Magazine 'Suruchi' on 28th September, 2023. Southern Circle, Bangalore was adjudged the best circle office and accordingly it was awarded the outstanding Rajbhasha shield. The

second and third prize has gone to Western Circle, Mumbai and Central Circle, Mumbai, respectively.



5.5 CLEANLINESS & POLLUTION CONTROL

All possible steps are being taken to ensure cleanliness and control pollution in the offices of Commission of Railway Safety. The office premises are always kept neat and tidy. Swachhata Pakhwada was also successfully held in all offices of the Commission. Smoking is strictly prohibited in the office premises. Lots of plantation has been done in office premises to make the environment clean & green. It is being made sure that in future, Commission will only use Electric vehicles.

5.6 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

The offices of the Commission of Railway Safety are generally located in premises of local Railway office. The complexes and facilities provided there such as toilets, crèche, tiffin room etc. are availed by the female employees of the Commission also. The instructions on welfare of women employees, issued by Government of India from time to time are being strictly implemented.

5.7 PUBLIC REDRESSAL GRIEVANCES MACHINERY

Commission of Railway Safety usually has no public dealings. However, Right to Information Act, 2005 has been fully implemented in the Commission. Moreover, Commission is actively redressing all the grievances on (CPGRAMS) portal. CRS is also working on e-office platforms for early disposal of the grievances.

5.8 ISSUES RELATING TO DEVELOPMENTAL ACTIVITIES TAKEN UP IN THE NORTH EAST

Commission of Railway Safety is not mandated to carry out any sort of developmental activities in the North East

5.9 REPRESENTATION OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASS EMPLOYEES IN THE COMMISSION OF RAILWAY SAFETY AS ON 31.03.2024:

In Commission of Railway Safety's Circle offices, only the posts of MTS and LDC are filled on direct recruitment basis. All other posts are filled up by promotion/deputation/absorption method. At present, the details of SC and ST employees' representation in the Commission is as below:

Name of the Organisation	Total No. of employees	Total No. Of SC employees	Percentage (approx.)	Total No. of ST employees	Percentage (approx.)	Total No. Of OBC employees	Percentage (approx.)
Commission of Railway Safety	114	16	14.03	02	1.75	16	14.03

5.10 WELFARE OF SENIOR CITIZENS

Commission is working as per Government of India's instructions for welfare of Senior Citizens. Further, Commission re-employs retired officials on contractual basis, as and when required.

5.11 FACILITIES TO PERSONS WITH DISABILITIES

Commission follows all Government of India's instructions for facilitating the persons with Disabilities.

5.12 VIGILANCE ACTIVITIES



Commission monitors & co-ordinates vigilance activities of the Circle Offices under its administrative control. Vigilance awareness week was also held from 30.10.2023 to 05.11.2023 wherein various sensitization drives were held by the Commission.

5.13 CITIZEN CHARTER

All the timelines and guidelines as per the Citizen Charter are being strictly followed by the Commission of Railway Safety.

5.14 CYBER SECURITY

Commission of Railway Safety follows all the instructions/guidelines issued by the Ministry of Electronics and Information Technology time to time.

6. AIRCRAFT ACCIDENT INVESTIGATION BUREAU (AAIB)

6.1 ESTABLISHMENT AND FUNCTIONS

In accordance with Standards and Recommended Practices (SARPs) issued by the International Civil Aviation Organization (ICAO) and to ensure independence of investigation function from the regulatory function; the Government of India decided to establish a Bureau independent of the DGCA India.

Keeping in mind the Indian scenario, the Aircraft (Investigation of Accidents and Incidents) Rules 2012 were formulated and notified on 5th July 2012 through a Gazette Notification. In accordance with these Rules and for the purposes of carrying out investigation into accidents, serious incidents and incidents; the Government of India set up a Bureau known as the Aircraft Accident Investigation Bureau (AAIB) in the Ministry of Civil Aviation on 30th July 2012. In accordance with ICAO Annex 13, Rules notified in 2012 were amended in 2017 and AAIB was made an attached office of the Ministry of Civil Aviation. Now investigation work is being carried out as per amended Aircraft (Investigation of Accidents and Incidents) Rules 2017 as AAIB has got immediate and unrestricted access to all relevant evidence without seeking prior consent from judicial bodies or other Government authorities.

The Recruitment Rules are notified on 06 May 2022. Recruitment for some of the posts like Director General and Directors have been completed. Recruitment for other posts is under process.

AAIB is required to carry out India's obligation towards ICAO as per Annex 13 and shall discharge various functions including: -

To obtain preliminary report under rule 9 from any person or persons authorized either under sub-rule (1) of rule 9 or under sub-rule (3) of rule 7;

Classification of occurrence and setting up investigation and in case of formal investigation, assisting the Central Government, under these rules;

To facilitate the investigation and administrative work of the investigation whenever necessary;

Processing of the reports of investigation received by the Aircraft Accident Investigation Bureau, which includes :-

- Acceptance of report by DG, AAIB and making it public by DG, AAIB in a manner it deems fit;
- Forwarding of the final report, made public by the Central Government under sub-rule (2) of rule 14 or by Aircraft Accident Investigation Bureau, to the States as required under Annex 13;

- Forwarding of the final report, made public by the Central Government or Aircraft Accident Investigation Bureau, to ICAO if the mass of the aircraft involved in accident or incident is more than 5,700 kg.

To formulate safety recommendation on the basis of safety studies, including induction of new technology to enhance safety, conducted from time to time;

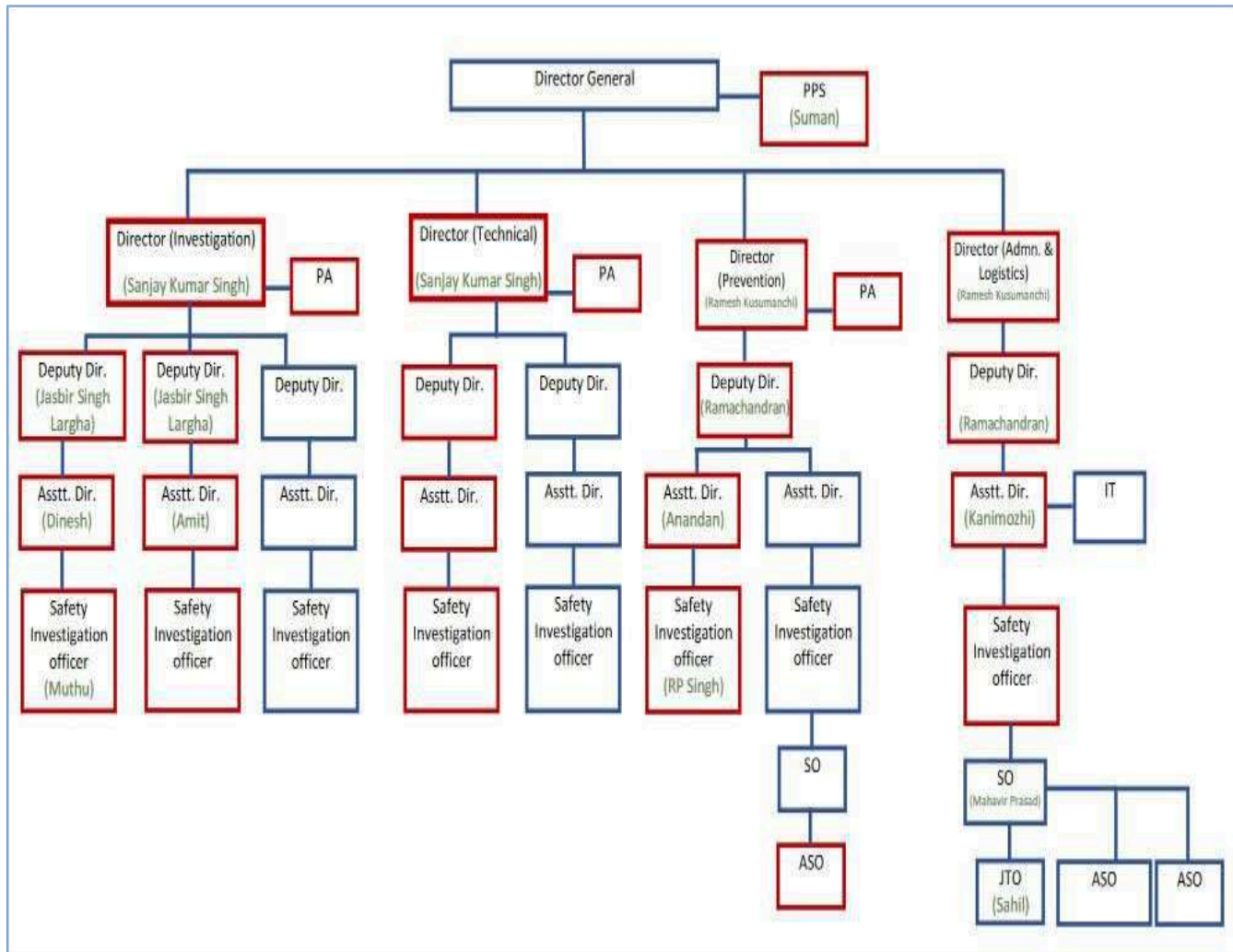
To establish and maintain an accident and serious incident database for effective analysis of information on actual or potential safety deficiencies;

To process obligations of the Central Government under Annex 13 to the Convention relating to International Civil Aviation signed at Chicago on the 7th day of December, 1944 as amended from time to time;

To forward the recommendations made in investigation reports and safety studies to DG,CA and other regulatory authorities for their follow up and to obtain compliance of the same;

To inform ICAO of the issuance of a Safety Recommendation of Global Concern (SRGC) and its responses in dated transmittal correspondence, even when the SRGC is not addressed to ICAO; and

Any other functions, which the Central Government may ask the Aircraft Accident Investigation Bureau to perform from time to time under these rules.



6.2 ACCIDENT / SERIOUS INCIDENT INVESTIGATIONS

AAIB has completed 90 Investigations into accidents out of total 99 such investigations ordered till 31st March, 2024 and 87 Final Investigation reports have been made public.

AAIB has also completed 108 Investigation into serious Incidents out of total 116 such investigations ordered till 31st March, 2024 and 107 final investigation reports have been made public.

The final investigation reports are available on AAIB website.

6.3 INVESTIGATIONS ORDERED DURING THE YEAR 2023-24

During the year 2023-24, Investigation into a total of 08 accidents and 05 serious incidents have been ordered by DG, AAIB under Rule 11 of Aircraft (Investigation of Accidents and Incidents) Rules 2017.

09 Investigations were completed by AAIB during the year 2023-24.

6.4 MISCELLANEOUS

AAIB has shifted to new premises in the Udaan Bhawan in March 2024.

AAIB has setup Phase 1 of its own Flight Data Recorders Lab for data downloading and CVR replay at new Udaan Bhawan.

AAIB has also signed an M.O.U with Hindustan Aeronautics Limited to assist in setup of Flight Data Recorder Lab and utilize their facility whenever required.

With approval of Hon'ble Minister of Civil Aviation, AAIB has been able to secure selection of two of its officers for the secondment posts in ICAO, Montreal. The process for relieving the officers to join ICAO is in progress.

Department of Expenditure, Ministry of Finance had given approval for creation of 14 (9 Technical and 5 non-Technical) additional posts in the month of June 2022. Process to fill vacant posts is under process and the same is at advanced stage.

01 Assistant Section Officer has joined AAIB in the month of February, 2024.

AAIB has carried out recruitment of three Technical Consultants for assisting in Investigation and other Technical Duties.

AAIB has also carried out recruitment of three Young Professionals in the month of February, 2024 for Administrative & Logistics and IT related matters.

Safety Recommendations made by Investigator-in-Charge of all accepted reports were forwarded to DGCA for its implementation.

AAIB has phased out its old website and redesigned and redeveloped its new website with better look and utility.

AAIB achieved the goal of getting approval for creation of one post of Junior Translation Officer. The post has been filled in June 2023.

"Swachhta Campaign" was organized by the office of AAIB with participation of all officers and staff.

“Hindi Pakhwada” was organized by the office of AAIB and all officers and staff participated in various events organized to mark the “Hindi Pakhwada” AAIB Observed Vigilance Campaign and Vigilance Awareness Week. AAIB has ensured 100% implementation of e-Office for all its functions. AAIB achieved the goal of Noting in Hindi up to 80% during the calendar year 2023. AAIB is conducting Hindi workshops on regular basis.

6.5 OTHER ACTIVITIES

I.	Steps taken to improve Public Grievance Redressal Machinery	As per govt. guidelines
II.	Details concerning activities and achievement of vigilance department	As per govt. guidelines and regulations
III.	Brief status note on compliance to Cyber Security Guidelines	Cyber Security Guidelines are complied with in toto

7. INDIRA GANDHI RASHTRIYA URAN AKADEMI (IGRUA)

7.1 INTRODUCTION

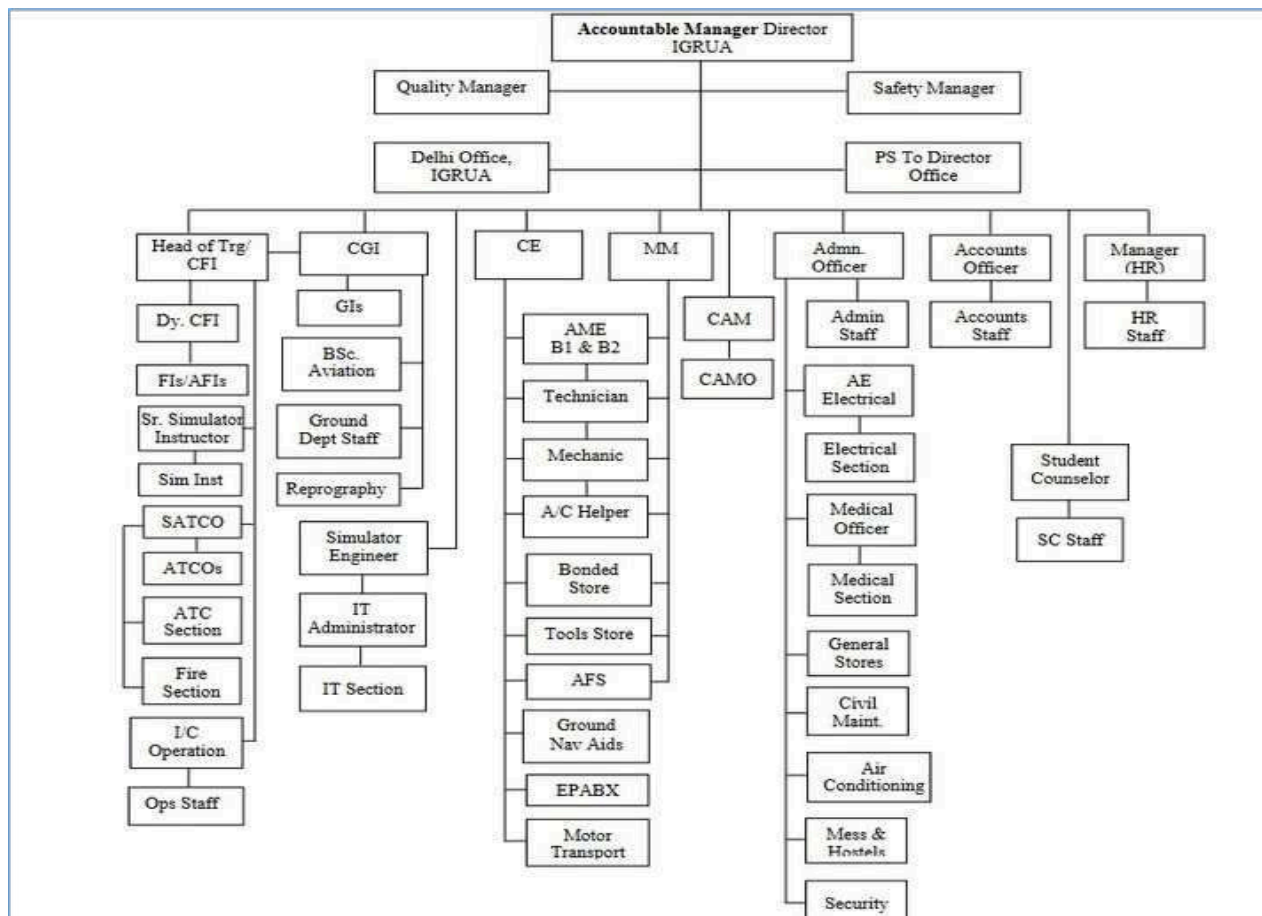
Indira Gandhi Rashtriya Uran Akademi (IGRUA) is the only Flying Training Organisation (FTO) in the country under the overall administrative control of the Ministry of Civil Aviation, Government of India. IGRUA was founded on 7th November, 1985 at Fursatganj in the District of Amethi near Raebareli, Uttar Pradesh to bring about a quantum improvement in the standards of flying and ground training of Commercial Pilots in the country.

During the past four decades of its existence, IGRUA has graduated the finest pilots in the country, thereby contributing immensely for the development of Indian Aviation industry.

7.2 ORGANISATIONAL SET UP

IGRUA is an Autonomous Body established under the Societies Registration Act, 1860. IGRU Society is administered by a Governing Council under the Ex-officio Chairmanship of Secretary, Ministry of Civil Aviation.

The Akademi is headed by a Director and is assisted by Departmental/Sectional Heads. IGRUA is administratively controlled by Government of India through Ministry of Civil Aviation.



7.3 OBJECTIVES

The broad objective of IGRUA is to promote and develop the science of aeronautics and civil aviation in national interest and also to extend the same to foreign nationals. In the process, the Akademi conducts airline oriented flying training courses to the level of contemporary international standards. Various courses and training programs offered are:

- a) Ab-Initio to CPL Course on fixed wing aircraft. Instrument rating and multi engine endorsement is part of this course.
- b) Type Training through a MoU with FSTC to produce Type Rated Pilots in commercial aircraft such as Airbus 320, Boeing 737, ATR-72 and Q-400 to make them industry ready for induction in various airlines. This will be an additional attraction for the flying cadets being inducted in IGRUA from FY 2023-24 onwards.
- c) Three years Graduation Program for IGRUA CPL trainees in B.Sc. (Aviation) through Dr. Ram Manohar Lohia Avadh University, Ayodhya, Uttar Pradesh.
- d) 5-Day DGCA-certified drone training course to become professional RPAS pilots on both Micro & Small-category drones in collaboration with M/s Drone Destination.
- e) 7 day "Train the Instructor" training course by IGRUA in collaboration with M/s Drone Destination to impart training to trainers of RPTOs approved by DGCA for imparting Drone Training.
- f) English Language Proficiency (ELP) Training & Testing for pilot aspirants.
- g) CRM & Multi Crew Conversion Course on DA 42 aircraft.
- h) Conversion training for cadets undergoing training abroad for issue of Indian CPL.
- i) Impart flying training to Navy and Coast Guard.
- j) Refresher Course for Certified Flying Instructors and Pilot Instructors of Flying Training Institutes.
- k) Courses for Assistant Flight Instructor Rating (A) and Flight Instructor Rating (A).
- l) Skill Tests for renewal of License for Ex-students of IGRUA on requirement basis.
- m) Simulator training & checks on Flight Navigation Procedure Trainers (FNPTs) of Diamond DA40 and Diamond DA 42 aircraft.

- n) On Job Training on aircraft to students undergoing Diploma in Aeronautical and Aircraft Maintenance Engineering.
- o) Vocational training of Engineering graduates.
- p) AME continuation training.
- q) Three year Aircraft Maintenance Engineering (AME) course.

7.4 INFRASTRUCTURE

OVERVIEW: The Akademi is equipped with state of art trainer aircraft, modern simulators in the form of FNPTs & CPTs with visual system, up-to-date audio-visual training aids, two libraries equipped with adequate study material, computerized examination cell for internal assessments and other facilities for effective ground training. It employs qualified Flying, Simulator and Ground instructors, having vast experience in the field of aviation for successfully imparting Line Oriented Flying Training (LOFT) to the Flying Cadets. The aim at IGRUA is not only to impart flying training to make a pilot but also to mould him/her as an effective systems manager in aeronautics. The flying trainees of the Akademi acquire the standards required for their transit with ease into the cockpits of the airlines.

The Akademi has incredible infrastructure that facilitates transition of an Intermediate (10+2) pass level individual to a confident commercial pilot, fit to be absorbed by the airlines. It has four hostels (including two separate Girl's hostel) which can house 184 boys and 118 girls on a twin sharing basis. IGRUA campus also has 116 residential accommodations for its employees. The operational area has a 6080 feet runway with a parallel taxi track, five links, dispersal area and three hangars. IGRUA has dedicated air space earmarked for it to enable uninterrupted flying training. The Airfield is equipped with night flying facilities including a PAPI. IGRUA has its own Nav and landing aids in terms of VOR/DME and ILS/DME. It has its own Fire Safety Services, Aviation Fuel Station and Air Traffic Control. This self-contained all round set-up facilitates delivery of quality and quantum of pilot aspirants to meet increased demand of Indian Aviation industry.

AIRCRAFT FLEET: The Akademi had a fleet of 15 aircraft at the end of March, 2024. The following are the types of aircraft utilized for flying training:

- Eleven DA-40 aircraft. DA-40 aircraft is equipped with contemporary glass cockpit and is a single piston engine aircraft with variable pitch propeller, having fixed undercarriage.

- One Trinidad TB-20 aircraft. TB-20 aircraft is a piston single engine aircraft with variable pitch propeller, retractable undercarriage and is equipped with modern Nav Aids.
- One Zlin Z242L aircraft. It is a piston single engine aircraft with fixed under carriage and is equipped with modern Navigational Aids.
- Two DA 42 aircraft. The final stage of training is carried out in DA 42 aircraft. This is a twin-engine aircraft. The aircraft is equipped with glass cockpit, auto-pilot and retractable undercarriage.

The above aircraft are utilised for imparting flying training to facilitate the trainees to get Line Oriented Flying Training required for Airlines. The students at IGRUA are graduated with multi-engine endorsement and instrument rating on their Commercial Pilot License.

IGRUA is in the process of enhancing its fleet strength by inducting more number of trainer aircraft in order to increase flying hours annually and to produce more CPLs in a year.

7.5 TRAINING PHASES:

(a) Ground Training

On arrival at the Akademi, the students undergo Ground Training in the following subjects:

i. Air Navigation	-	135 Hrs.
ii. Radio Aids	-	045 Hrs.
iii. Technical General	-	115 Hrs.
iv. Air Meteorology	-	085 Hrs.
v. Air Regulations	-	085 Hrs.

The Ground Training is aimed at making an aspiring pilot competent to attempt the ATPL after the mandatory CPL, and comprises 465 classroom lectures and consolidation classes in the hangar and Flight Operations Centre wherein the practical aspects of the theoretical classes are made known to them.

This sets the foundation for the Line Oriented Flying Training (LOFT) that follows, thus preparing them to adapt to the dynamic development in the aviation industry.

Audio Visual Aids

The concept of the white board and query system continues to be used to advantage. In order to augment ground training, the Akademi uses audio visual imagery using over-head projection system with animation, where feasible, in order to enhance the comprehensive understanding of each subject. IGRUA has also developed full-fledged online ground classes, duly approved by the DGCA.

(b) Pre-Flying Ground Training (PFGT)

PFGT is carried out by experienced Flying Instructors and Aircraft Maintenance Engineers. Group briefing on important exercises is carried out over and above thorough personal briefing and debriefing prior to and after each flight on the simulator and aircraft.

(c) Simulator Training

Single engine training is carried out on two Diamond DA40 flight simulators having 180 degree field of view. The Akademi also has two single engine TB-20 flight simulators with visual system for initial flying training and instrument rating exercises.

For multiengine training a Diamond DA42 flight simulator with visual system having 180 degree field of view is available.

(d) Simulator/Flying Training Syllabus**For Single Engine aircraft:**

- i) 20.00 hrs. Simulator training on FNTF.
- ii) 185.00 hrs flying on TB-20/DA-40/Zlin aircraft

For Multi-Engine aircraft:

The trainees are graduated with CPL, Instrument Rating along Multi engine rating endorsement on Diamond DA-42 type of aircraft. They fly 15:00 hrs on it. In addition they fly 15:00 hours on DA-42 Simulator.

7.6 CREW RESOUCCE MANAGEMENT (CRM) AND MULTI CREW CONVERSION COURSE (MCC)

In addition to imparting Ground, Simulator & Flying training, trainees are put through a capsule course on CRM. They also go through a two week MCC after completion of their CPL syllabus. This additional training prepares them better for absorption in the airlines.

7.7 MAIN ACHIEVEMENTS

- a) **Expansion Activities** : In order to spread its wings, IGRUA ventured into various new training programs to actively progress its march towards self-sufficiency, such as:-

- (i) Conducted English Language Proficiency training and testing for 253 and testing for 36 candidates of IGRUA as well as from outside.
- (ii) Conducted Remotely Piloted Aircraft System (RPAS) course, commonly termed as “Drone Pilot Training” and “Train the Instructor” course for drone trainers. More than 1400 candidates have been trained under these training programs.
- (iii) Apart from the drone training centers established in Manesar, Gurugram & Bengaluru in the year 2021, five more training centers have been established in Madurai, Coimbatore (Tamil Nadu), Gwalior & Bhopal (Madhya Pradesh), and Kangra (Himachal Pradesh). More sites are in the anvil at various other states.
- (iv) To ensure continuation of training activities throughout the year for increasing production of IGRUA, the satellite base at Gondia, Maharashtra has been permanently made the second flying base by obtaining required DGCA approvals. All facilities for carrying out inspection and maintenance have been established in the additional base.
- (v) Successfully conducted CFI Refresher course for FTOs and AME Refresher Course for AMOs.
- (vi) Despite of its remote location and various constraints in the procurement process, IGRUA has successfully achieved more than 70% procurement through the Government e-Marketing portal (GeM).
- (vii) Campus Placement: M/s Air India Express Limited (AIXL) has conducted campus selection in IGRUA in March 2023, October 2023 and January 2024 in which more than 150 IGRUA graduates have been recruited. More placement camps are expected in coming months.
- (viii) Awards: IGRUA adjudged ‘Best Aviation Training Institute’ award from ASSOCHAM in 2023.

b) Important Events :

- i) **International Yoga Day** was observed on 22.06.2023 with participation of cadets and employees.
- ii) **Foundation Day:** IGRUA celebrated its “Foundation day” on 07 Nov 23. Special emphasis was given during the function to use of Hindi in our day to day work to promote the official language in the Akademi.
- iii) **Swachh Bharat Abhiyaan:** Cleanliness drive carried out throughout the year and during Swachh Bharat Pakhwada from 15th September, 2023

– 2nd October, 2023 in particular, giving special emphasis on plantation of trees in association with State Bank of India, Fursatganj Branch.

- iv) **Vigilance Awareness Week:** Reiterating its commitment of zero tolerance towards corruption, Vigilance Awareness Week was observed during the period from 30.10.2023 to 05.11.2023. Workshops to inculcate the significance of fair practices in procurements and administration was conducted during the Vigilance Awareness Week.
- v) **Integrity Pledge** was administered to employees and villagers on 31.10.2023.
- vi) **Constitution Day** was observed on 26.11.2023, in which preamble of constitution was read out by cadets and employees.

7.8 TASK ACCOMPLISHMENTS

- a) **Flying output:** During the period i.e. from 01.01.2023 to 31.03.2024, IGRUA has been able to carry out 13749:25 hours of flying despite a reduced fleet strength of 15 as against 17 the previous year and shortage of flying instructors. Despite odds, a total number of 121 cadets have passed out during this period.
- b) **Improved Flight Safety:** There has been a steady increase in the quantum of flying for the past several years which is more significant when it is done without jeopardizing the flight safety. The accident/incident rate has been as negligible as 0.487 per 10,000 hrs of flying.
- c) **Fresh Enrolment for CPL Training:** The perception about the job of a pilot is undergoing an evolutionary change, especially among girls and in rural India. Earlier, only a trifling minority from urban India had the aspiration to become pilot, however, the trend is gradually spreading to rural India too and girls in particular. Considering the need of the hour IGRUA has increased its intake to 125. In the year 2023, 871 applications were received from the entire country for the entrance examination. A total number of 121 cadets have been inducted after the selection process out of which 39 are girls.
- d) **Effective Manpower Management:** Manpower at IGRUA has reduced from 296 to 271 over the last 10 years and as compared to last year a reduction of 0.75% in the manpower from 274 to 271. Whereas during the corresponding period there has been significant increase in overall activities in the organization and flying hours has almost doubled. No recruitment was made to replace retired/deceased employees as an austerity measure to reduce the revenue expenditure. However, manpower management has been made effective either by deploying personnel on contract/consultant or by giving

additional responsibilities to the existing personnel or through automation and outsourcing.

- e) **Lower Burden on Subsidy:** In order to reduce the burden on subsidy, IGRUA has been setting new targets of flying every year resulting in increased intake of cadets for CPL training thereby generating more revenue. Apart from this, it has expanded its portfolio by training of cadets from Indian Navy & Coast Guards, imparting Drone Training at six centers across the country, conducting Refresher Course and ELP training & testing, with a view to augment its revenue. Simultaneously, the Akademi has been making all efforts to reduce its expenditure by curbing the non-essential expenses, effective and optimum utilization of its resources in various sections like Mess & Hostel, Motor Transport, General Stores, Electrical, Civil Maintenance etc., reducing the essential statutory expenses by better negotiations.

7.9 SWACHH BHARAT & ENVIRONMENT PROTECTION

a) Municipal Solid Waste (MSW) Management:

IGRUA has a well spelt out MSW Management system in place. Around 500 kgs of bio-degradable kitchen wastes are accumulated every day from residences, mess kitchen and canteens, apart from dry wastes, polythene, plastic bottles, broken glasses, packing material, debris of renovation/construction, dead leaves, hospital wastes, etc. These wastes are segregated at source by keeping two waste bins; one for bio-degradable (wet) wastes and the other for dry wastes, such as, polythene, plastic bottles, packing materials, paper, etc. While bio-degradable wastes are converted into manure through *Vermiculture*, the dry wastes are disposed of in scientific manner. Use of single-use plastic has been banned in the premises.

b) Waste Water Disposal:

IGRUA has proper underground drainage system and modern Sewage Treatment Plant to ensure that the water sources are not polluted in any manner.

c) Solar Water Heaters:

Roof Top Solar panels have been installed in the students' hostel to cater for the hot water requirements of students, as a measure of conserving the fossil fuel.

7.10 POLLUTION CONTROL

IGRUA does not carry out any manufacturing/production resulting emission of smoke, residue, industrial wastes, etc. causing air, water, soil, light or sound pollution. However, all possible initiatives have been taken to control pollution by maintaining the vehicle engines to emit smoke within the prescribed limits, disposal of solid waste by incineration, Landfills, Composting, etc. Forestation is actively pursued to maintain a green environment in the Akademi.

7.11 CITIZEN CHARTER

Citizen Charter of IGRUA has been prepared and uploaded on our web site. A Citizen can visit the website of IGRUA at www.igrua.gov.in. Citizens can make request to our Chief Public Information Officer (CPIO) Mr. Gopa Kumar S and First Appellate Authority (Director IGRUA) for any information under RTI Act, 2005.

7.12 WOMEN'S WELFARE

IGRUA has fifteen women employees (1 Regular + 14 Contractual) and their welfare is being looked after through normal administrative channels. An Internal Complaints Committee (ICC) comprising six members is in place to deal with complaints regarding sexual harassment at work place.

7.13 STEPS TAKEN TO IMPROVE PUBLIC GRIEVENCE REDRESSEL MACHINERY

The nature of operation of the Akademi is such that it hardly involves any public dealing. However, Manager HR is assigned the task of dealing with public grievance. Any such grievances are redressed/disposed of within the framework of rules.

7.14 VIGILANCE

The Chief Vigilance Officer, Airports Authority of India is looking after the Vigilance functions in IGRUA. Efforts have been taken to enhance the awareness level amongst the employees to not to indulge in any sort of corrupt practices in duty and in public life.

7.15 IMPLEMENTATION OF OFFICIAL LANGUAGE

The Akademi continues to take necessary steps for ensuring the implementation of all provisions of the Official Language Act & Rules.

Employees are being trained in Hindi, Devnagri Typing etc. Incentives are given to employees for promoting and effectively using Hindi in official work. Provision is made in office Computers to have a system of using Hindi in all official communication with convenience. A Hindi magazine “**Kshitij**” also is published every year by IGRUA.

7.16 SPORTS FACILITIES

IGRUA has indoor and outdoor sports facilities for games like squash, badminton, basketball, volleyball, football, table tennis, pool table and a well-equipped gym with multi-gym equipment. Annual sports meet is conducted for the cadets every year.

7.17 CULTURAL ACTIVITIES

IGRUA has been actively utilizing its Air-conditioned Auditorium for various cultural programmes and functions to encourage the flying cadets to excel in extra-curricular activities. IGRUA holds “**Full Throttle**” cultural event every year along with Foundation day celebrations.

7.18 IMPLEMENTATION OF PERSONS WITH DISABILITY ACT, 1995

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities has been implemented and due consideration is being given to disabled persons, wherever possible.

7.19 ISSUE RELATED TO DEVELOPMENT ACTIVITIES TAKEN IN NORTH EAST

IGRUA is an Autonomous Body having its Headquarter at Fursatganj, Amethi (Distt.), Uttar Pradesh, only and hence there is no such issue.

7.20 REPRESENTATION OF SCs/STs/OBCs

There has been no recruitment of regular staff since 1996. The details of representation of SC/ST/OBC as on 31/04/2024 is given in the chart below:

Name of Organisation	Total No. of Emp.	Total No. of	%	Total No. of	%	Total No. of	%
		SC Emp.		ST Emp.		OBC Emp.	
1	2	3	4	5	6	7	8
I.G.R.U.A.	77	20	25.97	NIL	-	35	45.45

7.21 WELFARE OF SENIOR CITIZEN

In accordance with the guidelines issued by Ministry of Social Justice & Empowerment, as envisaged in the National Policy on Older Persons, instructions have been issued to all concerned to ensure prompt, fair and humane treatment for older persons.

7.22 CYBER SECURITY

In accordance with the guidelines issued by Ministry of Electronics and Information Technology (MeitY), website of IGRUA igrua.gov.in has been made GIGW compliant and security audit is up to date. Upgradation of in-house LAN servers is in progress and will be completed shortly.

7.23 FEE STRUCTURE

Training Fee for Ab-initio to CPL Course with Multi Engine endorsement is Rs.45.00 lacs and Boarding & Lodging charges (approximately Rs.15,000/- P.M.).

7.24 FUTURE PLANS

CPL: Increase of student intake to 150 per year upon enhancement of fleet strength.

Drone: Establishment of more drone training centers across the country.

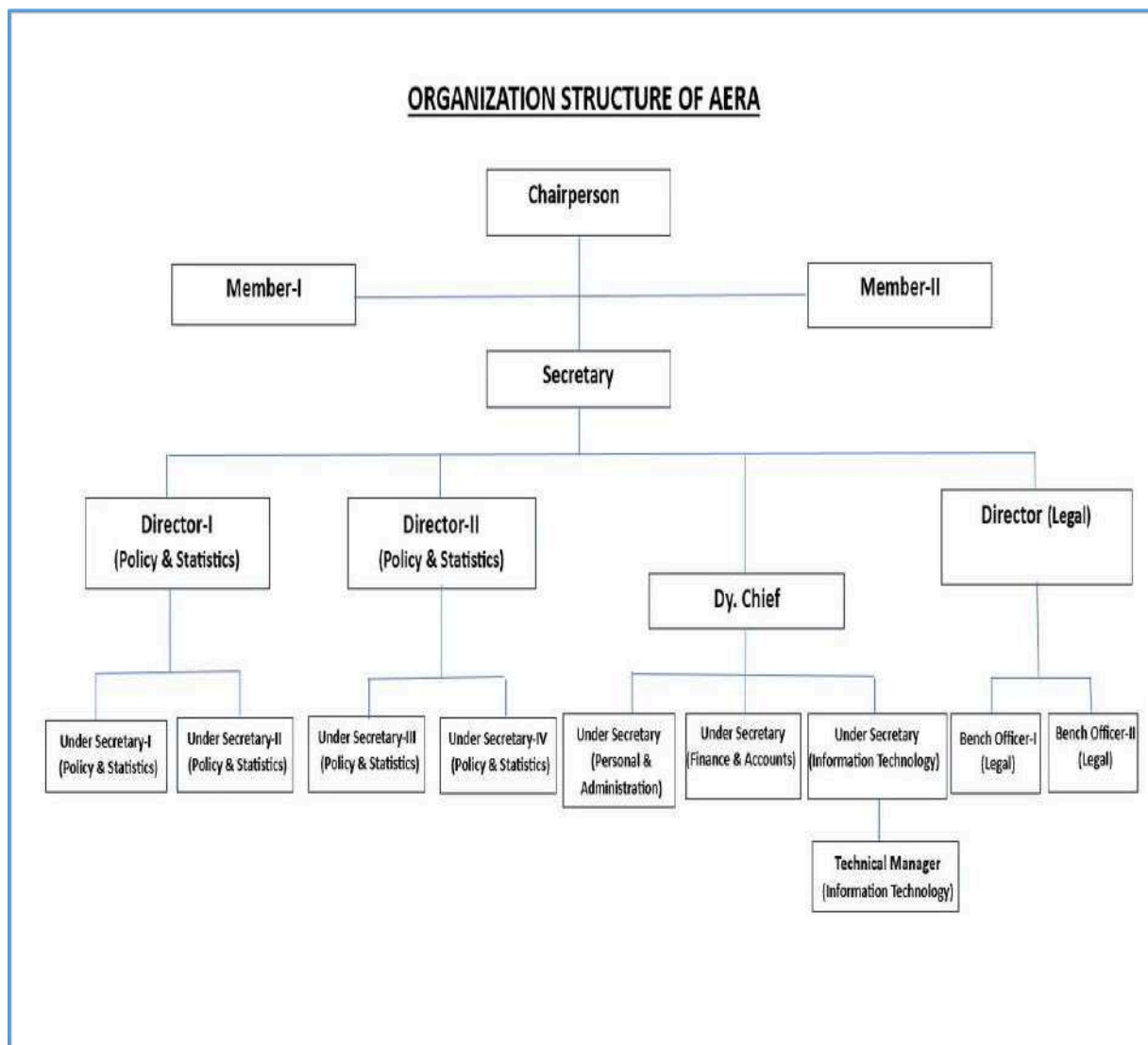
RCS-UDAN: Fursatganj airport owned by IGRUA is being developed for commercial airline operations under the RCS – UDAN Scheme.

8. AIRPORTS ECONOMIC REGULATORY AUTHORITY OF INDIA (AERA)

8.1 INTRODUCTION

Consequent to the recommendations of The Naresh Chandra Committee report, Govt. of India established Airports Economic Regulatory Authority (AERA). It is a statutory body constituted under the Airports Economic Regulatory Authority of India Act, 2008. The AERA was established by the Government vide its notification No GSR 317 (E) dated 12.05.2009 with its Head Office at New Delhi.

8.2 ORGANISATIONAL STRUCTURE



AERA's staff comprises of people with experience in the aviation sector, finance sector etc. on deputation from various Central, State Services & departments/ organizations.

8.3 SCOPE OF THE REGULATION

The main functions of the Authority, as per Sec. 13(1) of the AERA Act, 2008, are as under:

- To determine the tariff for the aeronautical services
- To determine the amount of Development Fees in respect of major airports
- To determine the amount of PSF levied under rule 88 of the Aircraft Rules, 1937 made under the Aircraft Act, 1934 (22 of 1934)
- To monitor the set performance standards relating to quality, continuity and reliability of service as may be specified by Central Government or any Authority authorized by it in this behalf.

Presently, 30 airports fall under the ambit of 'Major Airport' as per the relevant provisions of AERA Act 2008 (read with subsequent amendments of 2019 and 2021) and as notified by Ministry of Civil Aviation. List of Major Airports, as on 31.03.2024, is given hereunder:

1. Indira Gandhi International Airport, Delhi
2. Chhatrapati Shivaji Maharaj International Airport, Mumbai
3. Kempegowda International Airport, Bengaluru
4. Rajiv Gandhi international Airport, Hyderabad
5. Cochin International Airport, Kochi
6. Chandigarh International Airport, Chandigarh
7. Chennai International Airport, Chennai
8. Netaji Subhas Chandra Bose International Airport, Kolkata
9. Sardar Vallabhbhai Patel International Airport, Ahmedabad
10. Trivandrum International Airport, Thiruvananthapuram
11. Chaudhary Charan Singh International Airport, Lucknow
12. Jaipur International Airport, Jaipur
13. Lokpriya Gopinath Bordoloi International Airport, Guwahati
14. Calicut International Airport, Kozhikode
15. Goa International Airport, Goa
16. Pune International Airport, Pune
17. Jay Prakash Narayan International Airport, Patna
18. Guru Ram Dass Jee International Airport, Amritsar
19. Lal Bahadur Shastri International Airport, Varanasi
20. Biju Patnaik International Airport, Bhubaneswar
21. Swami Vivekananda Airport, Raipur

22. Tiruchirappalli International Airport, Tiruchirappalli
23. Mangalore International Airport, Mangaluru
24. Kannur International Airport Limited, Kannur
25. Sheikh Ul Alam International Airport, Srinagar
26. Shirdi International Airport, Shirdi
27. Goa International Airport, MoPA, Goa
28. Devi Ahilya Bai Holkar Airport, Indore
29. Coimbatore International Airport, Coimbatore
30. Noida International Airport, Jewar (*Operation is yet to commence*)

The mandate of AERA has been enhanced by amending the definition of a major airport from the previous 'one airport' to group of airports as per the AERA Amendment Act 2021.

8.4 KEY HIGHLIGHTS

During 1st January, 2023 to 31st March 2024, AERA has issued the following Orders based on its approach towards regulation of Airports and Aeronautical Services:-

Sl. No.	Order Number	Subject	Date of Issue
Airport Tariff Orders			
1.	Order no. 38/2022-23	Determination of Aeronautical Tariff for Mangaluru International Airport (IXE) for the First Control Period (01.04.2021 - 31.03.2026)	12.01.2023
2.	Order no. 40/2022-23	Determination of Aeronautical Tariff for Sardar Vallabhbhai Patel International Airport (SVPIA) Ahmedabad (AMD) for the Third Control Period (01.04.2021 31.03.2026)	18.01.2023
3.	Order no. 10/2023-24	Determination of Aeronautical Tariff for Chaudhary Charan Singh International Airport (CCSIA), Lucknow (LKO) for the Third Control Period (01.04.2021– 31.03.2026).	15.06.2023
4.	Order no. 16/2023-24	Determination of Aeronautical Tariff for Srinagar International Airport (SXR) for the Third Control Period (01.04.2021- 31.03.2026).	16.09.2023
5.	Order no. 27/2023-24	Determination of Aeronautical Tariff for Manohar International Airport, Mopa, Goa (GOX) for the First	07.12.2023

Sl. No.	Order Number	Subject	Date of Issue
		Control Period (01st April, 2023 to 31st March, 2028).	
6.	Order no. 35/2023-24	Determination of Aeronautical Tariff for Bhubaneswar International Airport (BBI) for the Second Control Period (01.04.2023 - 31.03.2028).	22.02.2024
7.	Order no. 36/2023-24	Determination of Aeronautical Tariff for Kannur International Airport, Kannur (CNN) for the Second Control Period (01.04.2023 - 31.03.2028).	28.02.2024
8.	Order no. 38/2023-24	Determination of Aeronautical Tariff for Jay Prakash Narayan International Airport, Patna (PAT) for the Second Control Period (01.04.2023 - 31.03.2028).	07.03.2024
Ground Handling Service			
9.	Order no. 39/2022-23	Determination of Tariff for Ground Handling Services for Bird Worldwide Flight Services (India) Private Limited (BWFS) at Cochin International Airport, Cochin for the Third Control Period (FY 2021-22 to 2025-26)	12.01.2023
10.	Order no. 07/2023-24	Determination of Tariff for Ground Handling Services for Celebi Ground Handling India Private Limited (CGHIPL) at Sardar Vallabhbhai Patel International Airport, Ahmedabad for the Third Control Period (FY 2021-22 to FY 2025-26).	26.05.2023
11.	Order no. 11/2023-24	Determination of Tariff for Ground Handling Services for M/s Celebi Airport Services India Private Limited (CASIPL) at Manohar International Airport, MoPA, Goa for the First Control Period (FY 2023-24 to FY 2027-28).	15.06.2023
12.	Order no. 14/2023-24	Determination of Tariff for Ground Handling Services for Global Flight Handling Services (Patna) Private Limited (GFHSPPL) at Jay Prakash Narayan International Airport, Patna for the First Control Period (FY 2023-24 to FY 2027-28).	30.08.2023
13.	Order no. 15/2023-24	Determination of tariff for Ground Handling Services for Global Flight Handling Services (Raipur) Private Limited (GFHSRPL) at Swami Vivekananda Airport,	05.09.2023

Sl. No.	Order Number	Subject	Date of Issue
		Raipur for the First Control Period (FY 2023-24 to FY 2027-28).	
14.	Order no. 18/2023-24	Determination of Tariff in respect of M/s GSEC-Indo-Thai Ground Handling Private Limited (GSEC-Indo-Thai) providing Ground Handling Services at Jaipur International Airport, for the First Control Period (FY 2022-23 to FY 2026-27).	16.09.2023
15.	Order no. 21/2023-24	Determination of Tariff for Ground Handling Services for Global Flight Handling Services (Pune) Private Limited (GFHSPPL) at Pune International Airport for the First Control Period (FY 2023-24 to FY 2027-28).	06.10.2023
16.	Order no. 22/2023-24	Determination Tariff for Ground Handling Services to be provided by M/s GSEC-Indo-Thai Ground Handling Private Limited (GSEC-Indo-Thai) at Lokpriya Gopinath Bordoloi International Airport, Guwahati for the First Control Period (FY 2022-23 to FY 2026-27).	14.11.2023
17.	Order no. 25/2023-24	Determination of tariff in respect of the ground handling services for M/s IndoThai Amritsar Private Limited (ITAPL) at Sri Guru Ram Das Jee International Airport, Amritsar for the First Control Period (FY 2022-23 to FY 2026-27).	16.11.2023
18.	Order no. 26/2023-24	Determination of Tariff for Ground Handling Services for Celebi Ground Services Chennai Private Limited (CGSCPL) at Chennai International Airport, Chennai for the First Control Period (FY 2023-24 to FY 2027-28).	05.12.2023
19.	Order no. 28/2023-24	Determination of Tariff for Ground Handling Services for M/s Bird Airport Services (Chennai) Private Limited (BASCPL) at Chennai International Airport, Chennai for the First Control Period (FY 2023-24 to FY 2027-28).	07.12.2023
20.	Order no. 29/2023-24	Determination of Tariff for Ground Handling Services for M/s Bird Airport Services (Coimbatore) Private Limited (BASCPL) at Coimbatore International Airport, Coimbatore for the First Control Period (FY 2023-24 to FY 2027-28).	15.12.2023

Sl. No.	Order Number	Subject	Date of Issue
21.	Order no. 31/2023-24	Determination of Tariff for Ground Handling Services in respect of M/s IndoThai Pune Private Limited (IPPL) at Pune International Airport, Pune for the First Control Period (FY 2023-24 to FY 2027-28).	05.01.2024
22.	Order no. 32/2023-24	Determination of Tariff for the Ground Handling Services for M/s IndoThai Varanasi Private Limited (IVPL) at Lal Bahadur Shastri International Airport, Varanasi for the First Control Period (FY 2023-24 to FY 2027-28).	08.01.2024
23.	Order no. 33/2023-24	Determination of Tariff for the Ground Handling Services for M/s IndoThai Calicut Private Limited (ICPL) at Calicut International Airport, Kozhikode for the First Control Period (FY 2023-24 to FY 2027-28).	25.01.2024
24.	Order no. 34/2023-24	Determination of Tariff In respect of Ground Handling Services for M/s IndoThai Bhubaneswar Private Limited (ITBPL) at Biju Patnaik International Airport, Bhubaneswar for the First Control Period (FY 2023-24 to FY 2027-28).	25.01.2024
25.	Order no. 39/2023-24	Determination of Tariff in respect of the Ground Handling Services for M/s IndoThai Kolkata Private Limited (IKPL) at Netaji Subhash Chandra Bose International Airport, Kolkata for the First Control Period (FY 2023-24 to FY 2027-28).	07.03.2024

Cargo Service

26.	Order no. 37/2022-23	Determination of Tariff for Cargo Handling Services for M/s Delhi Cargo Service Center Private Limited (DCSC) at Indira Gandhi International Airport, Delhi for the Third Control Period (FY 2021-22 to FY 2025-26).	06.01.2023
27.	Order no. 04/2023-24	Determination of Tariff in respect of Cargo Handling Services provided by GMR Hyderabad Air Cargo (GHAC) at Rajiv Gandhi International Airport, Hyderabad for the Third Control Period (FY 2021-22 to FY 2025-26).	24.04.2023

Sl. No.	Order Number	Subject	Date of Issue
28.	Order no. 13/2023-24	Determination of Tariff for WFS (Bengaluru) Private Limited Providing Cargo Handling Services at Kempegowda International Airport, Bengaluru for the First Control Period (FY 2023-24 to FY 2027-28).	09.08.2023
29.	Order no. 23/2023-24	Determination of Tariff for Cargo Handling Services for Menzies Aviation (Bengaluru) Private Limited (MABPL) at Kempegowda International Airport (KIA), Bengaluru for the First Control Period (FY 2023-24 to FY 2027-28).	16.11.2023
30.	Order no. 24/2023-24	Determination of tariff for Cargo Handling Services for M/s Kerala State Industrial Enterprises Ltd. (KSIEL) at Calicut International Airport, Kozhikode for the Third Control Period (FY 2021-22 to FY 2025-26).	16.11.2023
31.	Order no. 30/2023-24	Determination of tariff for the Cargo Handling Services in respect of Kerala State Industrial Enterprises Ltd. (KSIEL) at Thiruvananthapuram International Airport for the Third Control Period (FY 2021-22 To FY 2025-26).	20.12.2023
Interim Arrangement for extension			
32.	Order no. 36/2022-23	Determination of Ad-hoc Tariff for Ground Handling Services to be provided by M/s Celebi Ground Handling India Private Limited at Sardar Vallabhbai Patel International Airport, Ahmedabad from Commercial Operations Date (COD) up to 31.03.2023.	05.01.2023
33.	Order no. 41/2022-23	Interim arrangement to levy the existing tariffs to continue till 30.09.2023	22.03.2023
34.	Order no. 42/2022-23	In the matter of Order no. 24/2022-23 dated 23.09.2022 regarding Services provided by Independent Service Providers/Airport Operators for Cargo Handling, Ground Handling & Supply of Fuel to the aircrafts- Interim arrangement to continue the existing tariffs (as on 31.03.2023) up to 30.09.2023.	23.03.2023
35.	Order no. 43/2022-23	Levy of Development Fee (DF) for Project Work and Metro Work at Chhatrapati Shivaji Maharaj International Airport, Mumbai – reg.	29.03.2023

Sl. No.	Order Number	Subject	Date of Issue
36.	Order no. 01/2023-24	Determination of Ad-hoc Tariff for Bridge Mounted Equipment (BME) Services to be provided by the Airport Operator (M/s Goa International Airport Limited) at Manohar International Airport (MIA), Mopa, Goa, w.e.f. 24.04.2023 to 30.09.2023.	18.04.2023
37.	Order no. 02/2023-24	Determination of Ad-hoc Tariff for Ground Handling Services to be provided by M/s Celebi Ground Handling Services Chennai Pvt. Ltd. (CGHSC) at Chennai International Airport w.e.f. Commercial Operations Date (COD) till 30.09.2023.	20.04.2023
38.	Order no. 03/2023-24	Determination of Ad-hoc Tariff for Domestic Cargo Handling Services to be provided at Jaipur International Airport, Jaipur by Jaipur International Airport Ltd (JIAL) for the period from the date of Commercial Operations up to 30.09.2023.	20.04.2023
39.	Order no. 05/2023-24	Determination of Ad-hoc Tariff for Cargo Handling Services to be provided by M/s Menzies Aviation (Bengaluru) Private Limited (MABPL) at Kempegowda International Airport (KIA), Bengaluru from Commercial Operations Date (COD) i.e. 24.05.2023 up to 30.09.2023)	19.05.2023
40.	Order no. 06/2023-24	Determination of Ad-hoc Tariff for Cargo Handling Services to be provided by M/s WFS (Bengaluru) Private Limited (WFSBPL) at Kempegowda International Airport (KIA), Bengaluru from Commercial Operations Date (COD) i.e. 24.05.2023 up to 30.09.2023.	19.05.2023
41.	Order no. 08/2023-24	Determination of Ad-hoc Tariff for Domestic Cargo Handling Services to be provided at Lokpriya Gopinath Bordoloi International Airport, Guwahati by GIAL for the period from the Commercial Operations Date (COD) up to 30.09.2023.	31.05.2023
42.	Order no. 09/2023-24	Levy of Development Fee (DF) for Project Work and Metro Connectivity Project at Chhatrapati Shivaji Maharaj International Airport, Mumbai – reg.	14.06.2023
43.	Order no. 12/2023-24	Determination of Ad-hoc Tariff for Ground Handling Services to be provided by M/s Bird Airport Services (Chennai) Pvt. Ltd. (BASCPL) at Chennai International Airport w.e.f. Commercial Operations Date COD till 30.09.2023.	11.07.2023

Sl. No.	Order Number	Subject	Date of Issue
44.	Order no. 17/2023-24	Determination of Ad-hoc Tariff for Ground Handling Services provided by M/s Bird Airport Services (Coimbatore) Pvt. Ltd. (BASCPL) at Coimbatore International Airport w.e.f. 20.09.2023 up to 31.03.2024.	16.09.2023
45.	Order no. 19/2023-24	In the matter of Order No.: 19/2023-24 Interim arrangement to levy the existing tariffs to continue till 31.03.2024.	20.09.2023
46.	Order no. 20/2023-24	In the matter of Order No.: 20/2023-24 Interim arrangement to levy the existing tariffs to continue till 31.03.2024.	27.09.2023
47.	Order no. 37/2023-24	Determination of Ad-hoc Tariff for Ground Handling Services in respect of M/s AI Airport Services Limited (AIASL) at Srinagar, Coimbatore, Tiruchirappalli/Trichy, Indore, Raipur, Kannur, Mopa Goa Airport w.e.f. 05.03.2024 up to 30.09.2024.	01.03.2024
48.	Order no. 40/2023-24	Interim arrangement to levy the existing tariffs to continue till 30.09.2024	15.03.2024
49.	Order no. 41/2023-24	Interim arrangement to levy the existing tariffs in respect of Cargo Facility, Ground Handling and Supply of fuel to the Aircraft provided by the Independent Service Providers/Airport Operators for further period up to 30.09.2024.	15.03.2024

8.5 OFFICIAL LANGUAGE POLICY

All out efforts were made for Implementation of the Official Language Policy of the Government in AERA. In order to create a conducive environment for doing official work in Hindi, various Competitions, Lectures and Talks on the occasion of National Festivals as well as Birth Anniversary of prominent personalities were held and documentary films were also displayed in the office.

Apart from this, Hindi Pakhwada organised from 14-29 September, 2023 and six (6) various Hindi Competitions were organized, in which 112 Officials participated with great enthusiasm. Winners were awarded with the Cash prize and Merit Certificates.

Besides this, Seven (07) Officials from the Authority participated in All India Level Hindi Conference, which was organised from 14-15 September, 2023 by the Department of Official Language in Pune (Maharashtra). Similarly, two (02) personnel also participated in joint Regional Conference on Official Language and Prize Distribution Ceremony, organised by the Department of Official

Language in Jodhpur (Rajasthan). Four (04) Hindi Workshops for Officers/Employees were organized from 01.01.2023 to 31.12.2023 in which a total 156 Officers/Employees participated.

Meetings of the Official Language Implementation Committee chaired by the Chairperson (3) and Secretary (1), AERA were held regularly in each quarter during the year. Hindi Incentive Scheme of Government of India has been implemented in the Authority with a view to motivate the Officers/Employees to do their work maximum in Hindi. Cash Prize amounting to ₹ 36,000/- and citation certificates were awarded to Eleven (11) officials who were declared winners in this scheme during the year 2023.

Painting and Recitation Competitions were organized in the Authority on January 24, 2024, on the occasion of Republic Day. On February 28, 2024, a Hindi workshop was organized on the subject of Kanthastha 2.0, a translation tool developed by the Department of Official Language, Ministry of Home Affairs. On the occasion of International Women's Day in the Authority, all women employees have participated in workshop on women's health and various issues related to it on March 07, 2024. Two representatives of Authority have participated in Raj Bhasha Sammelan on 6th March, 2024, which is organised by the Ministry of Civil Aviation.

The Ministry of Civil Aviation and Northern Regional Implementation Office-1 (Delhi) of Department of Official Language has done inspection of AERA on 06th July, 2023 and 01st November, 2023 respectively regarding the work of Official Language Policy. Ministry and Regional Office-1 both appreciated and found this work satisfactory.

8.6 FINANCIAL PERFORMANCE

In terms of Section 34 of the AERA Act, funds are received as Grants-in-Aid from the Central Government. In BE 2023-24, Rs. 29.88 Crore was allocated (7.51 Crores under Salary head, Rs. 8.94 Crores under General Head and Rs. 13.43 crores under Capital Assets). The details of funds release and spent up to 31.03.2024 are as under: -

(Rs. in lakhs)						
Sl. No	Head	Un-utilized amount of 2022-23	Fund released upto 31/12/2023 by MoCA	Total Fund	Amount Spent by Authority upto 31/12/2023	Balance as on 31/12/2023
I	II	III	VI	VII	VIII	IX
1	Salary	51.30	751.00	802.30	698.66	103.64
2	General	169.77	894.00	1063.77	980.72	83.05
3	Capital Assets	-	1343.00	1343.00	1096.00	247.00

8.7 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

AERA has 19 Women employees comprising of officers/staff on deputation from Central Government & other organizations and support staff working on outsourced basis. Adequate women welfare measures like provision of transport/ vehicle for pick up/ drop at home in case of medical emergency or early arrival/ late departure from office due to official exigencies of work; organization of talk/ on specific women health issues by Gynaecologist; dedicated female housekeeping staff for female washrooms etc. have been made available in the office premises.

8.8 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MACHINERY

AERA is registered on the Public Grievance Portal of DoP&T with separate user credentials. Grievances are checked on a regular basis and whenever a Public Grievance is received, the reply of the same is provided within the stipulated time frame. Further, Deputy Chief (Level of Deputy Secretary) is appointed as Nodal Officer for Public Grievance in AERA. There are no grievances pending as on March 31, 2024.

8.9 POLLUTION CONTROL

The Authority encourages and accordingly incentivises the airports during the tariff determination process for environmental friendly measures undertaken by them. These broadly include use of solar/ renewable energy, rain water harvesting, recycling of water through treatment plant etc. During the Special Campaign 2.0 organized during the year 2023-24, special teams of AERA officers conducted inspections at few major airports viz. Kochi, Srinagar, Tiruchirapalli, Calicut, Pune, Amritsar, Guwahati, Mumbai, Varanasi, Goa (AAI).

8.10 SC/ST AND OBC REPRESENTATION AS ON 31.03.2024

Officers and officials in AERA are appointed on deputation basis only. Hence, reservation policy is not applicable on appointments in AERA. However, officials belonging to SC/ST and OBC categories working in AERA are as follows:

Category	No. of officials working	Designation	Mode of recruitment
SC	04	Assistant – 03, Steno - 01	On Deputation
ST	01	Director (P&S) - 01	
OBC	07	Dy. Chief - 01, Under Secretary – 01, Assistant - 04, Steno - 01	

8.11 ISSUES RELATING TO DEVELOPMENTAL ACTIVITIES TAKEN IN NORTH-EAST

AERA being a Statutory Body under the Ministry of Civil Aviation is assigned with the responsibility of Tariff determination in respect of Major Airports in India and is not mandated to carry out any development related activities in North-East.

8.12 WELFARE OF SENIOR CITIZENS

AERA being a Statutory Body under the Ministry of Civil Aviation is assigned with the responsibility of Tariff determination in respect of Major Airports in India and is not mandated to carry out any welfare schemes for Senior Citizens.

8.13 FACILITIES TO PERSONS WITH DISABILITIES

As on March 31, 2024, no person with disabilities is employed in AERA. However, office of the Authority is enabled to facilitate people with disabilities as per government guidelines including the AERA website www.aera.gov.in, which is disabled friendly.

8.14 DETAILS CONCERNING ACTIVITIES AND ACHIEVEMENTS OF VIGILANCE DEPARTMENT

No Vigilance case has been initiated or is pending against any AERA employee during the period of the Report.

8.15 BRIEF STATUS NOTE ON COMPLIANCE TO CYBER SECURITY GUIDELINES

AERA takes various measures to address the security threats. In this regard, SOPHOS firewall has been installed in AERA. No cyber-attacks have been reported till 31.03.2024 and AERA follows Cert-in Cyber Security Guidelines.

8.16 ACTIVITIES CONDUCTED DURING THE YEAR 2023-24:

During the year 2023-24 following major activities were carried out:

Sr. No.	Name of activity (from 01 st Jan to 31 st Dec, 2023)	Activity Conducted	Date	Remarks
1	International Women's Day 2023	International Women's Day program was organized by AERA on 13.03.2023. Gifts	07.03.2023	A talk-show was organized in Conference Hall By AERA. On the occasion, various schemes related to the

		Distribution to all Female staff		<p>upliftment of women like Sakhi Niwas Yojana, Pradhan Mantri Matritva Vandana Yojana, Mission Shakti Yojana, Beti Padhao Beti Bachao Schemes etc. were presented through video.</p> <p>Important Information was presented through video to make awareness of Breast cancer.</p>
2	Vidyanjali Scheme	Contribution of Assets/Material/ equipment under the guideline of VIDYANJALI SCHOOL SCHEME by hon'ble prime minister SHRI NARENDRA MODI.	11.05.2023, 12.05.2023 and 17.05.2023	We had searched schools on Vidyanjali portal and after that 3 schools nearby AERA office were finalized. These schools raised their request for 32 Desktop computers on Vidyanjali portal. AERA donated 27 computers in the first phase on 11 th & 12 th May 2023 and 5 computers in the second phase on 17 th may 2023 as per the request raised by the schools.
3	International Millets Day 2023	Online quiz	20.06.2023	<p>Online quiz and online pledge were taken by all officials of AERA.</p> <p>Got Certificate of Commitment-appreciation for our contribution towards International Year of Millets 2023.</p>
4	Tour and Training on the occasion of International Yoga Day	Capacity Building Training Program for Yoga in Rishikesh (In Two groups of Officers /officials)	From 9 th June 2023 to 11 th June 2023 and 23 rd June	A Training and Capacity building program through Yoga was conducted for employees of AERA at Rishikesh.

			2023 to 25 th June 2023	AERA has organized one day training program on 10.06.2023 and 24.06.2023 at Phool Chatti Ashram and Training Centre.
5	“International Yoga Day” celebration	Celebration of 9th International Yoga Day - 2023 on 21st June, 2023	21.06.2023 3	On the occasion of International yoga day, a Yoga camp was organized in flying club AAI, Safdarjang Airport, New Delhi. Two Yoga instructors were invited on the occasion.
6	Hindi Divas Samaroh-2023, Third Akhil Bhartiya Rajbhasha Sammelan, Shri Shiv Chhatrapati Sports Complex, Balewadi, Pune (Maharashtra)	Hindi Diwas Samaroh-2023 in Pune	14.09.2023 3 and 15.09.2023 3	Seven (07) Officials from the Authority participated in All India Level Hindi Conference, which was organised on 14-15 September, 2023 by the Department of Official Language in Pune (Maharashtra).
7	Hindi Pakhwada	Conduct various competitions such as debates, quiz, recitation, essay writing etc.	14.09.2023 3 to 29.09.2023 3	Hindi Pakhwada organised from 14-29 September, 2023 and various Hindi Competitions were organized, in which 112 Officials participated with great enthusiasm. Winners were awarded with the Cash prize and Certificates. In Hindi incentive scheme of Govt. of India, Cash Prize amounting to ₹ 36,000/- and citation certificates were awarded to Eleven (11) officials who were declared winners in this scheme during the year 2023.

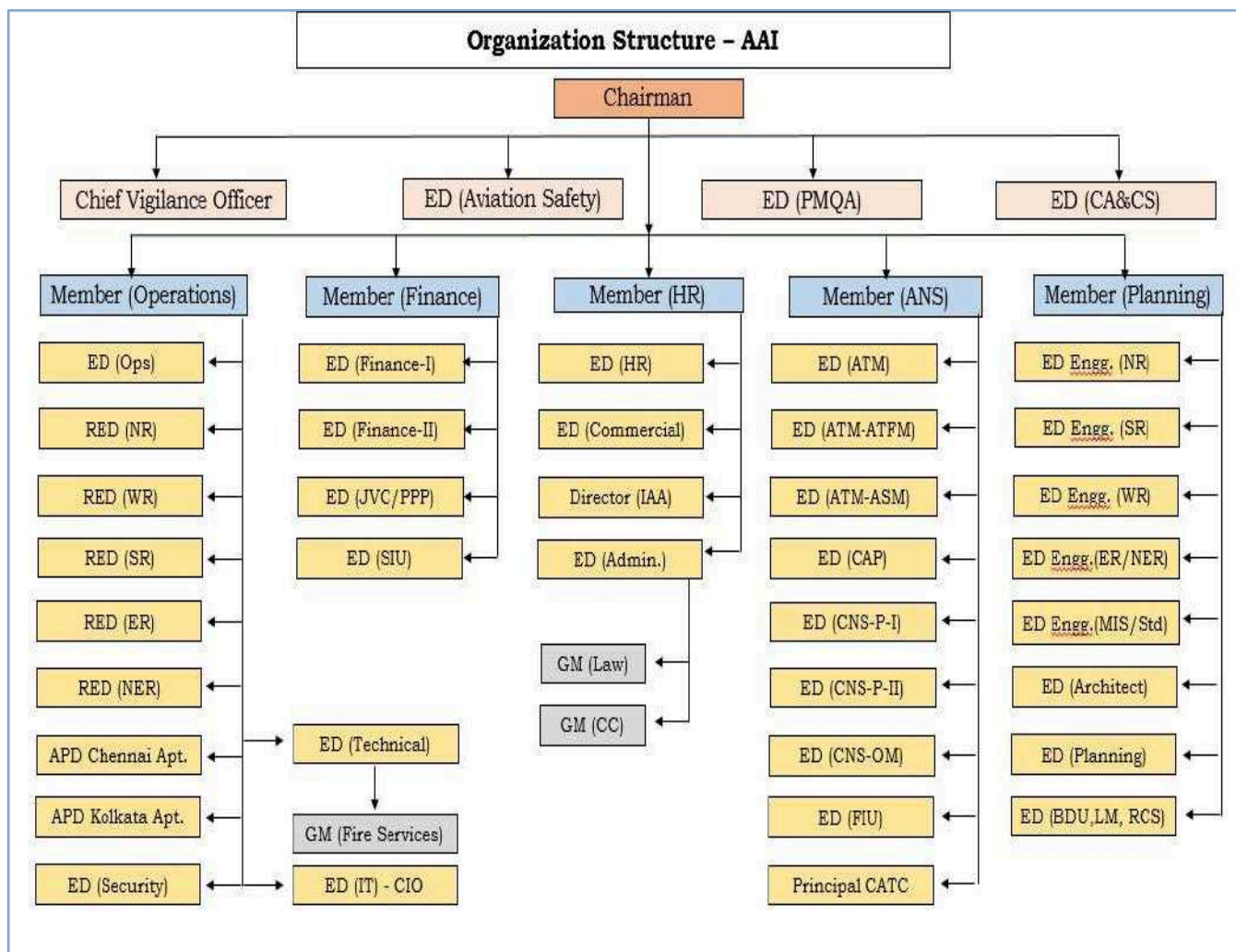
8	"Vigilance Awareness Week, 2023	<p>Pledge taken ceremony was conducted.</p> <p>Various competitions were organized in AERA.</p> <p>Displayed PIDPI poster</p>	16.08.2023 to 15.11.2023	<p>Two (02) standees were made available by the office and placed at entry gate of 1st floor. Also, one banner was made and displayed at the entrance of Ground floor.</p> <p>Further, for awareness of employees an essay competition and a quiz competition were conducted in the Authority in which many employees participated and prize were distributed.</p>
9	"Special Campaign 3.0"	<p>Cleanliness of Terrace</p> <p>Cleanliness of Board Room, Meeting Room, Server Room,</p> <p>Cleanliness of AHUs, Pantry, Washroom and Conference Hall,</p> <p>Cleanliness of Reception office, Driver Room and Parking, Window Cleaning,</p> <p>Cleaning of Water Tank and Water Cooler, Cleanliness of store room, Cleanliness of lobby area</p>	2 nd October to 31 st October 2023	<p>Organized in two phases: Preparatory Phase and Implementation Phase.</p> <p>The Government organized Special Campaign 3.0 for improving Swachhata and disposal of pending references from 2nd October - 31st October, 2023.</p>
10	Rashtriya Ekta diwas -2023	Unity Pledge	31 st October 2023	Pledge taking ceremony was organized.
11	Swachhata Pakhwada	Cleaning at work place weeding out of	1st-15th November -23.	Work place, cupboards, file racks etc were cleaned up.

		old records/ obsolete papers Documentary on Swachhata competitions such as painting, quiz, essay writing etc.,		All old records were removed and weeding out of papers. A documentary on Swachhata to all the officials in Conference Hall in AERA building was showed.
12	Hindi Karyashala On health issues	Wellness Presentation by Aakriti Pandey (Aakriti Arogyam)	01.12.2023	Presented Wellness Program and provided awareness related to Health Issues and provide the information to get rid of many diseases.
13	E-office training Program	E-Office training was provided to the Officers/Officials of AERA by NIC team on 4 th December 2023. Subject: “ई-ऑफिस के प्रयोग के संबंध में विस्तृत जानकारी”	04.12.2023	Various information was provided for working in E-office and almost all the queries were responded by the NIC team.
14	14 th National Voters 'Day (NVD)	Pledge taking ceremony was scheduled on 25 th January 2024 at 16:00 PM.	25.01.2024	Pledge ceremony on the occasion of 14 th National Voters 'Day (NVD) on 25 th January, 2024.

9. AIRPORTS AUTHORITY OF INDIA (AAI)

9.1 INTRODUCTION

Airports Authority of India (AAI) came into existence on 1st April 1995. AAI has been constituted as a statutory authority under the Airports Authority of India Act, 1994. It has been created by merging the erstwhile International Airports Authority and National Airports Authority with a view to accelerate the integrated development, expansion and modernization of the air traffic services, passenger terminals, operational areas and cargo facilities at the airports in the country.



9.2 FUNCTIONS

As an Airport Developer

Design, Develop, Operate and Maintain international and domestic airports and civil enclaves in India.

Expand and strengthen the operational area, viz. Runways, Aprons, Taxiways etc.

Construct, Modify and Manage the passenger terminals and other airport facilities.

Develop and manage the cargo terminals (through its subsidiary-AAICLAS).

Ensure provision of passenger facilities and information system.

As an Air Navigation Service Provider

Control and manage the Indian airspace extending beyond the territorial limits of the country, as accepted by ICAO.

Ensure the safety and efficiency of flights.

Make provision for cutting edge technology for Communication Navigation and Surveillance of the Indian airspace.

9.3 FINANCIAL PERFORMANCE FOR F.Y. 2023-24

Financial Highlights

(Rs. in crores)

Particulars	Amount
Revenue	15,979.83
Expenditure	9,765.83
Profit Before Tax	6214.00
Profit After Tax	4651.31
Dividend	1395.39

Revenue Highlights

(Rs. in crores)

Particulars	Amount
Air Navigational Services	4070.83
Aeronautical Airport Services	4265.60
Non- Aeronautical Airport Services	1640.36
Airport Lease Revenue	4985.97
Other Income	1017.07
Total Revenue	15979.83

Expenditure Highlights

(Rs. in crores)

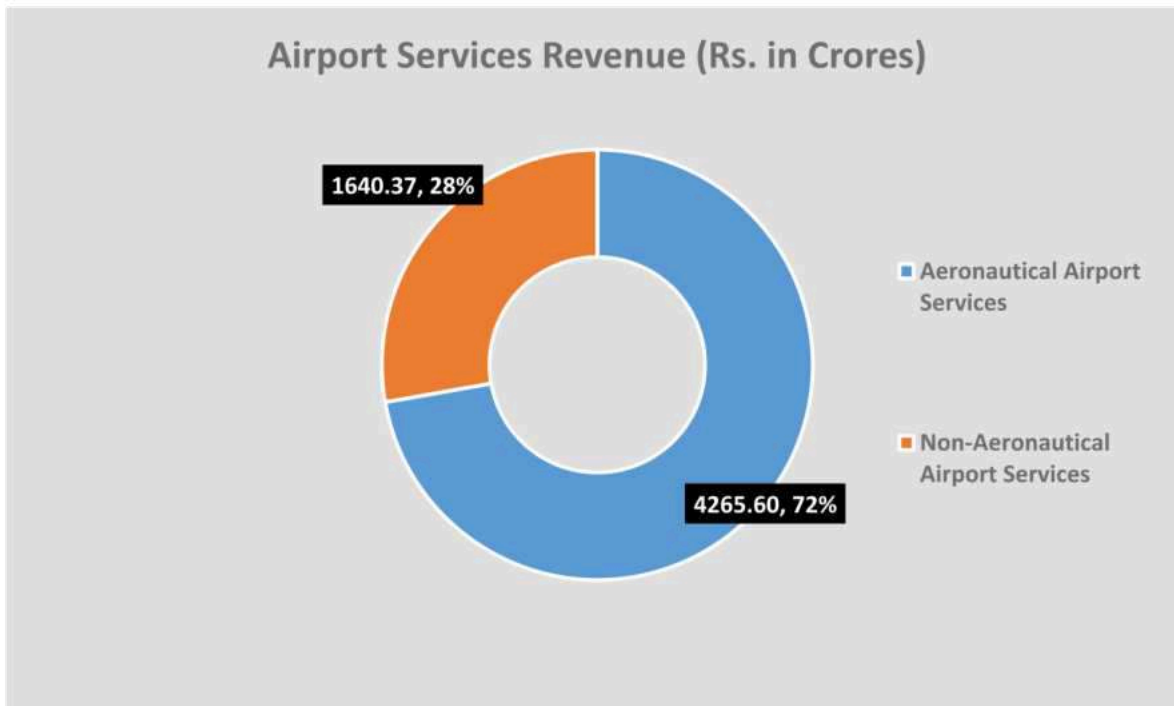
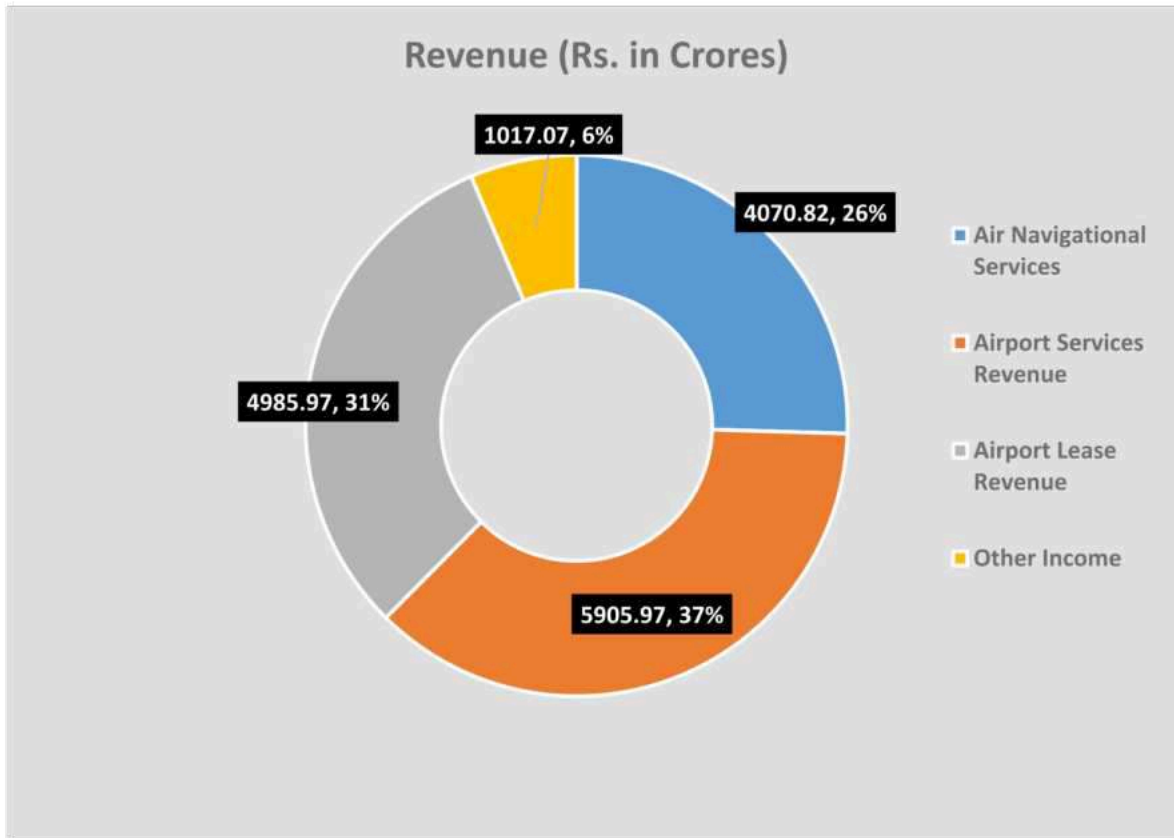
Particulars	Amount
Employee Benefit Expenses	4404.52
Operating Expenses	2063.49
Administrative & Other Expenses	614.15
Financing Charges	97.38
Depreciation	2586.29
Security Expenses	0.00
Total Expenditure	9765.83

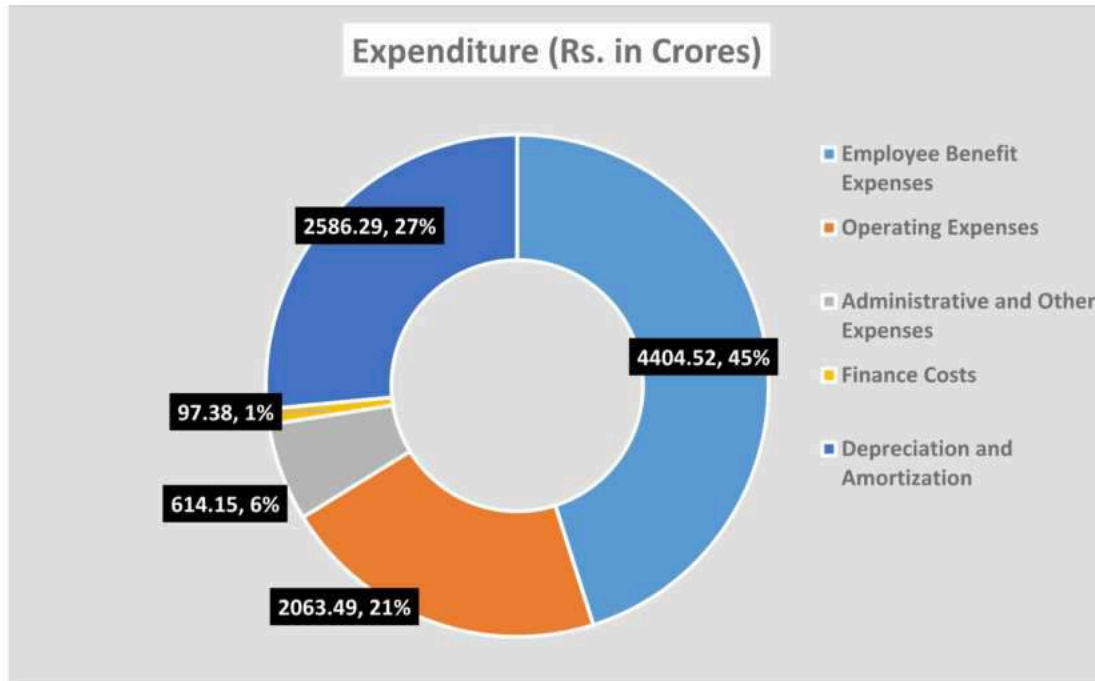
Contribution to Exchequer for the FY 2023-24 (Provisional)

(Rs. in crores)

Dividend	Guarantee Fee	Income Tax	GST	Total
1395.39	2.01	1562.69	2180.00	5140.09

Note: The Dividend for the FY 2023-24 has been worked out based on DIPAM Guidelines @ 30% of Profit after Tax.





Capital Expenditure (Capex) incurred by AAI

The Capex incurred from 01st January 2023 to 31 March 2024 in respect to Airports Authority of India is tabulated below: -

(Rs. in crores)	
Period	Capex Incurred
Jan'23 to Mar'23	1968.96
Apr'23 to March 24 (Prov.)	5335.00
Total	7303.96

9.4 TRAFFIC HANDLED (2023-24 Vs 2022-23)

Traffic handled at all Indian airports taken together during the year 2023-24 saw increase as compared to previous year in all three areas namely aircraft movements, passenger and freight handled. The total aircraft movement, passenger and freight traffic have increased by 6.7%, 15.0% and 7.0% respectively during the year.

Details of traffic handled during the year and comparison with previous year are given below:

Particulars	2023-24	2022-23	%age change
Aircraft Movements (in '000)			
International	425.17	365.05	16.5
Domestic	2252.42	2143.27	5.1
TOTAL	2677.59	2508.32	6.7
Passengers (in Million)			
International	69.64	56.94	22.3
Domestic	306.79	270.34	13.5
TOTAL	376.43	327.28	15.0
Freight (in '000 MT)			
International	2045.51	1864.54	9.7
Domestic	1320.18	1282.26	3.0
TOTAL	3365.69	3146.80	7.0

9.5 ANNUAL ASQ SURVEY 2023

Airport Service Quality (ASQ) survey is the world-renowned and internationally established global benchmarking programme measuring passengers' satisfaction, whilst they travel through an airport, conducted by the Airports Council International (ACI), (a global non-profit organization of Airport Operators). ASQ Awards recognize those airports around the world that deliver the best customer experience in the opinion of their own passengers.

ACI is an independent agency that carries out international benchmarking of airports through its participative program known as Airport Service Quality (ASQ) Survey measuring passengers' satisfaction across 32 key performance indicators that includes 8 major categories such as Arrival at the airport, Check – in, Security Screening, Border/Passport Control, Shopping/Dining, Gate Areas, Throughout the airport and Airport Atmosphere.

In the year 2023, ACI-ASQ survey was carried out at around 338 airports across North America, Latin America and Caribbean, Europe, Africa, Middle East and Asia-Pacific.

The ASQ programme provides the research tool and management information to better understand passengers' views and what they want from an airport from the products and services standpoint.

Chandigarh Airport has been rated best airport by size and region (2-5 million passengers per year) as per ASQ Awards 2023 announced by ACI.

During 2023, ASQ survey was carried out at 16 AAI airports including Chandigarh.

9.6 CUSTOMER SATISFACTION SURVEY

With regard to non-major airports, Customer Satisfaction Survey is conducted by AAI through an external independent agency on similar lines as ASQ survey. The top airports with best Customer Satisfaction Index (CSI) for the year 2023 are:

- 1st Rank in Customer Satisfaction Survey with CSI of 5.00 – Bhopal Airport
- 2nd Rank in Customer Satisfaction Survey with CSI of 4.98 – Udaipur Airport
- 2nd Rank in Customer Satisfaction Survey with CSI of 4.98 – Dehradun Airport
- 3rd Rank in Customer Satisfaction Survey with CSI of 4.97 – Jammu Airport

9.7 ACI-ASQ AWARDS 2022

In the year 2022, ACI-ASQ survey was carried out at around 291 airports across North America, Latin America and Caribbean, Europe, Africa, Middle East and Asia Pacific. In 2022, 25 Indian airports participated in ASQ survey out of which 14 were AAI airports.

Amongst AAI airports, Trichy airport has won Annual ASQ award 2022 for the Best Airport under 2 million passengers in Asia- Pacific.

9.8 REGIONAL CONNECTIVITY SCHEME (RCS) UDAN (UDE DESH KA AAM NAGRIK)

It is a key component of the National Civil Aviation Policy (NCAP), 2016 which was released by the Ministry of Civil Aviation (MoCA) on 15.06.2016. In line with NCAP-2016, Ministry of Civil Aviation (MoCA) launched Regional Connectivity Scheme (RCS-UDAN) on 21.10.2016

UDAN is a regional airport development program of the Government of India and part of the Regional Connectivity Scheme (RCS) of upgrading underserved air routes.

During the Calendar year 2023 i.e. from 1st January, 2023 to 31.03.2024, the following are the achievements under UDAN Scheme;

102 New RCS routes commenced.

14 Airports Rourkela, Hollongi, Jamshedpur, Cooch Behar, Utkela, Shivamogga, Champawat (H), Munsyari (H), Aligarh, Azamgarh, Chitrakoot, Shravasti, Jiribam (H) & Tamenglong (H) operationalized.

26 new RCS routes commenced in North Eastern States in the country.

212 New RCS Routes awarded under UDAN 4.2, 5.0 & 5.1.

Two new airports Moradabad & Ambikapur licensed.

Total domestic passengers travelled through RCS-UDAN were 23.36 lakhs connecting 45,960 RCS flights till date.

9.9 LIBERALISATION OF COMMERCIAL POLICIES

AAI has liberalised its commercial policies by relaxing the criteria of financial turnover and removing requirement of past experience criteria in many of the commercial facilities, in line with vision of the Government to enhance ease of doing business. The policy has been made open to attract more and more entrepreneurs to bid for operating commercial facilities at AAI airports. AAI has also oriented the business model for facilities like F&B, Retail and Advertisement Master Concessions by linking the Concession Fee with the passenger traffic to reduce the risk in business in AAI airports.

Consequent to the subject liberalization, changed business model and wide publicity initiatives, several commercial contracts related to retail, food and beverage, advertisement, duty-free, and other non-aeronautical revenue streams have been awarded at numerous airports, resulting into enhancement of non-aeronautical revenue manifold.

Policy for app-based Cab Aggregators has been revised to enable seamless on boarding at AAI Airports. As a result, several cab aggregators have signed MoUs at CHQ level, based on which these Cab Aggregators are permitted to set up their facility at AAI airports, without any further processing or approvals at Airport level.

In line with vision of GOI, a novel initiative, to empower artisans and to introduce passengers to the local heritage and traditions, AAI has allowed Self-Help Groups (SHGs) to set up shop at many airports in the country to sell products for their inclusive growth, under AAI's AVSAR (Airport as Venue for Skilled Artisans of the Region) initiative. This will enable women attached to these SHGs to expand the reach of their products to people throughout the nation.

In addition, leveraging of technology is also being done in revenue realisation, wherein centralised billing, Billers Direct and VAN modules have been

implemented recently and are resulting in better monitoring of revenues and receivables.

9.10 PROCUREMENT FROM MSMES

During the Financial Year 2023-24, procurement of Goods & Services by AAI from MSMEs [including from MSMEs owned by SC/ST and Women Entrepreneurs] was Rs.2125 crores which is 163% [approx.] of the AAI's total Annual Procurement target of Goods & Services of Rs.1305 crores for the said FY 2023-24. Thus, AAI fulfilled the mandatory procurement target of 25% from MSMEs.

9.11 PROCUREMENT THROUGH GeM PORTAL

During the Financial Year 2023-24, procurement of Goods & Services by AAI through GeM portal made Rs.1096 crores which is 110% [approx.] of the AAI's total Annual Procurement target of Goods & Services through GeM portal of Rs.1000 Cr. Thus, AAI also fulfilled the mandatory procurement target through GeM portal.

9.12 ENERGY MANAGEMENT AT AAI AIRPORTS



SUGAM (Sustainable Green Airports Mission)

AAI is continuously moving forward on the mission of green airports with commitment to meet the renewable energy & emission targets in line with Panchamrit Mantra declared by Hon'ble Prime Minister in CoP26 at Glasgow and to ensure cleaner, greener & healthier environment for generations to come.

- To accomplish the task, AAI has formulated an Environment Policy with aim to achieve the goal of carbon neutrality and net-zero emissions by implementation of suitable measures including but not limited to:
 - Optimizing energy consumption by enacting energy efficiency and conservation measures including maximizing the usage of affordable green and renewable energy resources
 - Reducing the fossil fuel consumption by promoting and adopting alternative greener fuels and ensuring judicious and deliberate use of natural resources.
 - Integrating net-zero building design concepts and optimum usage of eco-friendly and biodegradable products without compromising structural integrity requirements and safety standards.
 - Integrating sustainable transportation technologies and strategies with use of Electric and Hybrid vehicles.
 - Implementing sustainable waste-management practices and appropriate disposal.
 - Conserving natural resources by inculcating the culture of refuse, reduce, reuse, repurpose and recycle.
 - Implementing water conservation through rain water harvesting, waste water reclamation and other emerging practices to reduce wastage.
 - Documenting and quantifying GHG resources and mitigating carbon footprint by adopting best and technologically advanced procedures and implementing best industry practices in vogue.
 - Monitoring air-quality and implementing best practices in vogue to improve indoor air quality at airport terminals.
 - Implementing/Adopting best Air Traffic Management facilities, practices and procedures.
 - Directing, educating, sensitizing, motivating and imparting training to all employees and stakeholders to enable them to understand desired behavior towards environment health.
 - Fulfilling all applicable environmental compliance obligations.

AAI is responsibly engaged in switching over operations at its airports on renewable energy to reduce carbon emissions at airports.

AAI is also endeavouring to inculcate best technology practices for improving energy efficiency and reducing carbon footprint to combat climate change in a cost-effective manner.

All upcoming projects are planned and designed for achieving GRIHA 5 Star Rating by employing industry best practices and selection of ECBC compliant electrical equipment.

To improve operational efficiency, measures such as Flexible Use of Airspace (FUA), Airport Collaborative Decision Making (A-CDM), Central Air Traffic Flow Management (C-ATFM), Departure Slot Management (DSM), Performance

Based Navigation (PBN) and Continuous Descent Operations (CDOs) are under various stages of implementation.

AAI has achieved the following milestones during the year:

- AAI has obtained ACI-ACA (Airports Council International – Airport Carbon Accreditation) Level – 2 certification at 26 of its airports in August 2023 to assess, review, reduce and optimise emissions.
- AAI switched over operations at 42 airports on 100% green energy during January 2023 to March 2024 and as on 31.03.2024, a total of 67 airports are being catered by 100% green / renewable energy. This has been achieved by using energy generated by on-site solar plants, procurement of RE through open access and procurement under green power tariff in accordance with prevalent CERC/SERC regulations. AAI has planned to switch over operations at 100 of its airports on 100% RE by December 2024 in a phased manner to reduce carbon emissions at airports.
- As on 31.03.2024, AAI is meeting more than 75% of its total electricity requirement through Renewable Sources and has achieved cumulative installed solar plant capacity of 56.20 MW at 60 locations. With implementation of Flexible Use of Airspace (FUA), cumulative reduction in carbon emission of approx. 1,56,034 tCO₂ in addition to cumulative saving of approx. INR 724 crore on ATF expenses has been achieved till March 2024 since its implementation in August 2020. Further, about 129 CDRs (Conditional Routes) have been promulgated since implementation of FUA in consultation & coordination with IAF, MoD.

9.13 CORPORATE SOCIAL RESPONSIBILITY

During the period from 01.01.2023 to 31.03.2024, Airports Authority of India, spent an amount of Rs. 22.00 Crore towards various CSR activities against the total CSR obligation of Rs. 7.24 crore CSR budget.

AAI CSR initiatives are centered on the key principles of treating social responsibility as a core. AAI has consistently undertaken various CSR Activities mainly in the following fields: Skill Development; Healthcare; Sanitation; Rural Development; Environment Sustainability; Sports; Education & Nutrition.

9.14 ENGINEERING WORKS

Details of the Engineering works undertaken by AAI during the Calendar Year 2023 viz. **(a)** Foundation Stone/Inauguration of buildings or facilities; **(b)** Capital Schemes completed; **(c)** Capital Schemes under progress; and **(d)** Projects under Planning, are provided at **Annexure A** the end of this Chapter.

9.15 ANS FACILITIES

Serviceability & Availability Statistics of Air Navigation Facilities from 01st Jan 2023 to 31st March 2024

For the period from 1st Jan 2023 to 31st March 2024, Average Serviceability of ANS facilities is 99.89% and Average Availability is 99.60%. The serviceability and availability are at par with other leading Air Navigation Service Providers in world. Serviceability & Availability of ANS facilities, following CNS/ATM Infrastructure provided across India is taken into consideration:

Navigation		Surveillance		Communication		GAGAN		ATM Automation Systems	
ILS	76	ARSR	01	VHF Tx/Rx VHF Manpack	3060 843	INMC C	03 (2 in operational & 1 in shadow mode)	Automati on systems	44
DVOR	96	ASR	20	HF Tx HF Rx HF Trans- receiver	26 64 33	INLU S	03	IATS Simulator	6
DME(HP)	99	MSSR	34	AMSS AMHS RWS	16 01 58	INRE S	15		
DME(LP)	77	ASMGCS	11	DATIS	46				
Locator	05	ADS/CP DLC	04	DVR	104				
NDB	27	ADS-B	35	VCCS RCAG	47 52				
Total	380	Total	103	Total	4350	Total	21	Total	50

9.16 NAVIGATION & SURVEILLANCE

Procured 34 Nos. of Instrument Landing System (ILS), 01 No. of Test jig and 01 set of spare parts for installation & commissioning at various Airports for Rs.118.03 Cr.

Procured 21 Nos. of Doppler Very High Frequency Omni Range (DVOR), **01** No. of Test jig and **01** set of spare parts for installation & commissioning at various locations for Rs. 44.27 Cr.

Procured 55 No. of Distance Measuring Equipment (DME), 01 No. of Test jig and 01 set of spare parts for installation & commissioning at various locations for Rs. 32.07 Cr.

Procured 14 nos. Non-Directional Beacon (NDB), 01 No. of Test jig and 01 set of spare parts for installation & commissioning at various locations for Rs. 17.27 Cr.

Commissioning of New/Replacement/Relocated Radio Navigation and Surveillance Facilities:

From 01.01.2023 to 31.03.2024, various new and replacement navigation and surveillance facilities were commissioned such as 11 Instrument Landing System - (05 New, 06 Replacement), 09 VHF Omni Directional Range - VORs (04 New & 05 Replacements), 23 Distance Measuring Equipment - DMEs (LP & HP) (09 New, 14 Replacements).

New HP-DME facilities				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Bhuntar	DME	23-Feb-23	4
2	Deoghar	DME	1-Feb-23	
3	Gulbarga (Kalaburagi)	DME	18-May-23	
4	Hirasar	DME	13-Jul-23	
New ILS facilities				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Belgaum (Belagavi)	ILS RWY 26	5-Oct-23	5
2	Delhi	ILS RWY 11L	7-Sep-23	
3	Hirasar	ILS RWY 23	27-Jul-23	
4	Shamshabad (HIAL)	ILS RWY 9L	31-Oct-23	
5	Delhi	ILS RWY29R	21-Mar-24	
New LP-DME facilities				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Belgaum (Belagavi)	DME(GP)	5-Oct-23	5
2	Delhi	ILS RWY 11L	7-Sep-23	
3	Hirasar	DME (GP)	27-Jul-23	
4	Shamshabad (HIAL)	DME(GP)	31-Oct-23	
5	Delhi	DME(GP)	21-Mar-24	

NEW FACILITIES AS REPLACEMENT OF EXISTING FACILITIES				
New DVOR facilities as replacement				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Bikaner	VOR-II	7-Sep-23	5
2	Goa	VOR	18-May-23	
3	Imphal	VOR	25-Jan-24	
4	Patna	VOR	30-Nov-23	
5	Port Blair	VOR	19-Jan-23	
New High Power (HP)-DME facilities as replacement				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Bangalore (BIAL)	DME	13-Feb-23	9
2	Bellary	DME	10-Aug-23	
3	Bikaner	DME-II	7-Sep-23	
4	Chennai	DME-II	5-Jul-23	
5	Delhi	DME-II	12-Apr-23	
6	Goa	DME	18-May-23	
7	Tirupati	DME	2-Jan-23	
8	Imphal	DME	25-Jan-24	
9	Patna	VOR	30-Nov-23	
New ILS facilities as replacement				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Hyderabad	ILS RWY 27	7-Sep-23	6
2	Ranchi	ILS RWY 31	9-Jan-23	
3.	Agartala	ILS RWY 18	21-Mar-24	
4	Udaipur	ILS RWY 26	28-Dec-23	
5	Imphal	ILS RWY 04	25-Jan-24	
6	Patna	ILS RWY 25	30-Nov-23	
New LP-DME facilities as replacement				
Sl. No.	Station	Eqpt	Date of Commissioning	Total

1	Hyderabad	DME(GP)	7-Sep-23	5
2	Agartala	DME(GP)	21-Mar-24	
3	Udaipur	DME(GP)	28-Dec-23	
4	Imphal	DME(GP)	25-Jan-24	
5	Patna	ILS RWY 25	30-Nov-23	

New DVOR facilities				
Sl. No.	Station	Eqpt	Date of Commissioning	Total
1	Kalaburagi	VOR	18-May-23	4
2	Hirasar	VOR	13-Jul-23	
3	Bellary	VOR	14-Aug-23	
4	Ayodhya	VOR	25-Dec-23	

New RADAR facilities Commissioning				
S.No.	Station	Eqpt	Date of Commissioning	Total
1	Mopa Airport	ASR-MSSR	26-Jan-23	2
2	Nagpur Airport	ASR-MSSR	14-Aug-23	
New ADS-B Ground Receiver Commissioning				
S.No.	Station	Eqpt	Date of Commissioning	Total
1	Kalaburagi Airport	ADS-B	15-June-23	1
New Space Based ADS-B Commissioning				
S. No.	Station	Eqpt	Date of Commissioning	Total
1	Mumbai Airport	Space Based ADS-B	23-May-23	4
2	Chennai Airport	Space Based ADS-B	10-July-23	5

AAI has procured 4 Nos. of Airport Surveillance Radar (ASR) co-located with Mono-Pulse Secondary Surveillance Radar (MSSR) for Nagpur, MOPA Jaipur & Bangalore (2nd Radar) Airport. Installation, SAT and Commissioning are completed at Bengaluru, Jaipur and Mopa (Goa) and Nagpur Sites.

Purchased 4 numbers of ADS-B Ground Receiver (SITC) for Delhi, Surat, Dehradun, Agatti Airports is the first "Make in India" Program by AAI. Physical installation of all four ADS-B is completed. SAT is under progress.

AAI has procured 02 nos. of Advanced-Surface Movement Guidance & control System (A-SMGCS) for Bhubaneswar and Cochin. Supply, Installation & SAT has been completed at both sites. Commissioning is under process.

ASMGCS system upgradation for operationalization of fourth Runway at IGI Airport Delhi - Augmentation of ASMGCS system at IGIA was completed in-house with existing Surveillance facilities for operationalization of fourth RWY and the augmented system was given in operation with effect from July 2023. Further, the work under PO awarded for upgradation of existing MLAT firmware and for supply of additional MLAT has also been completed in March 2024. This will address obsolescence issue and ensure redundant coverage at fourth RWY at IGIA.

Impact Assessment and Siting criteria by CNS Simulation tool EMACS: Electromagnetic Airport Control and Survey (EMACS), a computer modelling tool, is used for simulation studies. The modelling functionality (including terrain models, obstacles, interfering system, ground and airborne nav-aid equipment characteristics etc.) allows an expert EMACS user to model the real propagation phenomena taking place within a complex electromagnetic airport scenario, where signals (VOR, DME, ILS, ATC Radar, GPS systems) interfere with artificial or natural obstructions.

EMACS section of CNS-OM Directorate has done a remarkable job by doing simulation studies for proposed ATC Tower, Technical buildings, Terminal buildings, Fire Control Centre, Cargo complexes. AFL Masts, National Flag Masts etc. and Siting of ILS, VOR/DME, RADAR and Cranes etc.

Total 109 simulation studies have been carried out by Simulation team from April, 2023 – March, 2024.

9.17 AUTOMATION

Procedural Approach and Area Control Simulator has been commissioned at three training centers CATC Prayagraj, NIATAM Gondia and HTC successfully. Purchase Order was issued on 31.01.2023 for procurement of ATS Message Handling System (AMHS). Supply of items to the stations under the project has also been completed.

Purchase Order was issued on 12.10.2022 for procurement of SITC of ATM Automation System and ASMGCS (Including SMR & MLAT) for Mumbai, Navi Mumbai, MOPA (without ASMGCS), HIAL & BIAL

Supply of items at Mumbai, BIAL & HIAL under the project has also been completed. Installation work at Mumbai is under progress and Pre-installation work has been completed at BIAL & HIAL.

Incorporation of Simulation of 09 Airports having challenging terrain in the existing Aerodrome Visual Simulators at CATC Prayagraj & HTC Hyderabad. Incorporation of simulation of 06 nos. of airports' data in Stage-1&2 has been completed successfully.

Procurement of Airtop soft M&S tool for CARO, OPS CHQ & Arch planning

CHQ - Following 07 Modules of AirTOP soft M&S Tool have been procured:

1. AIRTOP En-route
2. AIRTOP Flow Management
3. AIRTOP TMA/TRACON
4. AIRTOP Airside Aircraft Movements
5. AIRTOP Runway Capacity Analyzer
6. AIRTOP Airside Vehicle Movements
7. AIRTOP Passenger Movements (Terminal)

Project was completed in September-2023.

- **Software Support Contracts:** - Highly critical Automation systems at Delhi, Mumbai, Chennai, Kolkata, Hyderabad, Bengaluru Airports and Central Air Traffic Flow Management Delhi have been covered under the maintenance support contract with OEMs.
- Contract was awarded to OEM for Up gradation of Automation and Advanced Surface Movement Guidance and Control System (ASMGCS) and Software maintenance for Automation system at Hyderabad International Airport and Bangalore International Airport. The contract has been completed on August 2023.
- Contract was awarded to OEM for the SITC of the Upgradation of the Automation System at IGI Airport, Delhi for catering 4th RWY operations. The contract has been completed.
- Contract was awarded to OEM to Upgrade Automation System Hardware at Mumbai and Chennai to enhance the efficiency of the Automation system. The contract has been completed.
- **Critical Information Infrastructure (CII):** - In order to strengthen the cyber security for CNS/ATM infrastructure, the process of identification of CNS/ATM network centric systems as Critical Information Infrastructure (CII) was initiated with National Critical Information Infrastructure Protection Centre (NCIIPC), which is a central nodal agency established by Govt. of India. AAI has identified various network-based CNS/ATM systems operational at Delhi, Chennai, Mumbai, Kolkata and Guwahati FIR along with GAGAN Systems in co-ordination with NCIIPC for declaration as Protected CII.
- Consequently, Central government of India vide its gazette notification **Gazette of India S.O. 3516(E) dated 17 July 2023**, has declared Computer resources related to Communications, Navigation and Surveillance systems for Air Traffic Management being Critical Information Infrastructure of AAI and associated computer resources as Protected System.
- **Cyber Security Measures:** Advanced cyber security training has been conducted by M/S CDAC- Pune to train AAI officials in the areas like network security, cyber security, ethical hacking, application security, public key infrastructure and data centre management. In house training on Cyber Security has also been imparted to CNS officials to strengthen the Cyber Security aspects within the CNS Infrastructure.

AAI with M/s BEL (Bharat Electronics Limited) has jointly developed the Air Traffic Management Automation system at Bhubaneshwar. The Automation System has been successfully installed at Bhubaneshwar Airport. The system is working efficiently at the station.

9.18 NEW ATS COMPLEX

Following new ATS complex are commissioned in this FY 2023-2024

1.	Ranchi	NATS	02.07.2023
2.	Ayodhya	NATS	24.01.2024
3.	Gaya	NATS	18.10.2023
4.	Patna	NATS	07.12.2023
5.	Bhubaneshwar	NATS	20.01.2024

9.19 COMMUNICATION

VHF Frequency Commissioning:

- Successful Commissioning of 48 VHF Frequency was carried out at various Airport on PAN India Basis for seamless VHF coverage and compliance of the DGCA CARs including commencement of Airport operation at new Greenfield Airport at Hollongi, Shivamogga, Hirasar (Rajkot). Rourkela, Ayodhya Airport & RCS Airport in UP (Shravasti, Chitrakoot, Azamgarh, Aligarh, & Moradabad etc.).
- Successful Commissioning of TWR/SMC-South-2 VHF frequencies were carried out at IGI Delhi Airport for commencement of 4th Runway Operation.
- SMC Facility at Civil Enclave in GOA Dabolim Airport: - First time, SMC Facility has been established by AAI at Civil Enclave Terminal in GOA Dabolim Airport. Required Infrastructure, [SMC Frequency, VHF Radios & DVR Equipment] has been provided and installed. Successful Commissioning of SMC operation have been done by AAI in year 2023.

New IP based VCCS (Voice control and Communication system) Commissioning: - Qty-22 New IP based VCCS (SITTI Make) have been commissioned at various Airports for the replacement of old legacy (Analog VCCS) in year 2023 on PAN India basis and being operated successfully.

For the enhancement of ATS operation, Approximately Qty-182 of new IP based VHF TX/RX (Jotron Make) have been commissioned at various Airports on PAN India basis and being operated successfully.

ICAO CRV (Common Aeronautical VPN) Project Implementation in India:

- Implementation of Common aeronautical VPN (CRV) Network *in India, which will* support all Aeronautical Fixed Service (AFS) for exchanging of AFTN and AMHS (ATS Message Handling System) services beyond Indian Territory with adjacent Country in the Asia Pacific (APAC) region has been established on 16th Dec, 2022 at Mumbai.

Following DATA and VOICE Circuits have been established in year 2023 on CRV Network:

DATA:

- Mumbai-Kathmandu,
- Mumbai-Bangkok,
- Mumbai-Bhutan,
- Mumbai-Singapore,
- Mumbai-Beijing,
- Mumbai-Karachi

VOICE:

- Mumbai-Karachi
- Ahmedabad – Karachi,
- Delhi – Karachi,
- Delhi – Lahore
- Chennai-Kualalumpur

New Digital Voice Recorder (DVR) Commissioning: Qty-16 New DVR have been commissioned at various Airports on PAN India and being operated successfully.

New DATIS System Commissioning: - Qty-9 New DATIS system have been commissioned at various Airports on PAN India and being operated successfully.

New IP based HF Receiver and HF Transceiver Commissioning: -

- For the enhancement of ATS operation for long range communication, new IP based HF Receiver [Qty-33] at Mumbai, Kolkata, CATC & Chennai been commissioned for replacement of old legacy HF RX and being operated successfully.
- HF Transceiver: HF Transceiver [Qty-21] has been commissioned at Mumbai Chennai & Kolkata for enhancement of ATS operation.

WPC Clearances:

WPC Clearances obtained from Wireless Planning & Coordination (WPC) Wing i.r.o. CNS facilities are as follows:

No. of WPC Clearances obtained					
SL. NO.	FACILITY	DLs	SACFA	WOLs	WPC Import Licences
1.	VHF	16	100	12	00
2.	DVOR	03	18	28	07
3.	DME	10	46	51	25
4.	ILS	10	53	46	26
5.	RADAR	00	05	11	00
6.	ASMGCS/MLAT	00	00	01	04
7.	ADS-B	04	20	25	00
8.	NDB	11	06	02	07
9.	GAGAN	00	01	00	00
	TOTAL	53	249	176	69

Augmentation of RCAG:

- RCAG at Mithapur: Installation of RCAG at Mithapur for OCC VHF Freq 135.750 MHz was carried out for implementation of Reduced Separation Minima in the Mumbai Oceanic Airspace using Space Based ADS-B (SADS-B). The CDE Level Safety Assessment of above mentioned RCAG has been completed. Trial operation of this RCAG is being carried out. Commissioning level safety assessment of the same is under progress.
- RCAG at Kolhapur: Installation of RCAG at Kolhapur for ACC VHF Freq 125.35 MHz & 133.925 MHz of Mumbai was carried out to mitigate VHF coverage in SW & SE sector of Mumbai FIR. The CDE Level Safety Assessment of above mentioned RCAG has been completed. Trial operation of this RCAG is being carried out. Commissioning level safety assessment of the same is under progress.
- RCAG at Surat: Installation of RCAG at Surat for Mumbai ACC VHF Freq 133.33 MHz & 133.85 MHz of Mumbai was carried out to mitigate VHF coverage near Surat, Ozar and Shirdi Airport. The CDE Level Safety Assessment of above mentioned RCAG has been completed. Trial operation of this RCAG is being carried out. Commissioning level safety assessment of the same is under progress.

9.20 AIS-AIM AUTOMATION SYSTEM

- A contract has been awarded to the Original Equipment Manufacturer (OEM) for the upgradation of the AIS-AIM Automation System at CHQ, AAI. This project will be executed on a Supply, Installation, Testing, and Commissioning (SITC) basis.
- The upgraded system will significantly improve productivity for Flight Plan Design (FPD), Air Space Management (ASM), Aeronautical Information Services (AIS), and EMACS users. This will be achieved through the deployment of additional user workstations and the implementation of the latest software tools and applications.

9.21 AIRPORT SYSTEMS

Airport Systems Directorate is responsible for deployment of security infrastructure and Passenger facilitation for effective airport operation at AAI airports.

Awarded various works to Class-I, Make In India Bidders wherein more than 50% value addition made by the Indian Manufactures.

Completed Supply and Installation of 419 Nos. of Door Frame Metal Detectors from the work order for Rate Contract for SITC of 470 nos.

Completed Supply and Installation of 157 nos. of Explosive Trace Detectors from the work order for Rate Contract for SITC of 200 nos. through Class-I bidder.

Implemented 219 Dual View X-ray Baggage Screening Systems (XBIS), including 129 Hand Baggage XBIS and 90 Registered Baggage XBIS, under the Class-I Make in India policy across various Indian airports. This has strengthened aviation security and adhered to BCAS technical specifications. Installation of 79 nos. of Hand Baggage DV XBIS at various Airports during this financial year

Completed Installation of X-Ray CBT software at ASTI Kolkata.

Installed and commissioned Self Service Baggage Drop system at Chennai, Goa and Madurai Airports through Class-I bidder under Make in India policy. This initiative towards passenger automation enables passengers to drop their baggage and check-in using Self Service Unit.

In addition to these Security equipments, AS Dte. has completed the replacement of 12 types of BDDS (Bomb Detection & Disposal Squad) Equipment at 14 Airports.

As per BCAS mandate procurement is in process for 12 types of Priority 1 BDDS equipment at 55 Airports which includes 52 RCS Airports. Out of 12 types completed procurement of 7 types of equipment during this financial year.

9.22 FLIGHT INSPECTION UNIT (FIU)

AAI acquired Qty. 02 Beechcraft KA B-360 aircrafts fitted with Automatic Flight Inspection system (AFIS-1210) valued at INR 224 Crore for the purpose of flight inspection of Radio Navigational Aids. The two new aircraft in AAI fleet with Registration No: VT-FIS and VT-CNS are flying w.e.f. 22/09/2023 and 20/10/2023 respectively for Flight calibration mission of AAI. This state-of-the-art system will enhance the accuracy and efficiency of navigational inspections, ensuring that the airspace system remains safe and reliable.

Flight Calibration of following facilities was carried out from 01/04/2023 to 31st March 2024;

Facility	Routine	Commissioning
ILS	143	13
DVOR	63	13
DME	232	11
PAPI	243	43

Flight Inspection Unit has carried out 681 routine calibrations of navigational aids (ILS/VOR/DME/PAPI) to ensure their accuracy and reliability. Additionally, the unit has carried out 80 commissioning flight checks (ILS/DVOR/DME/PAPI) to certify new navigation systems and procedures, totalling approx. 1000 flying hours. As on date 100% target of timely flight inspection is achieved.

FIU is carrying out flight validation of 08 RNP Y and 05 RNP Z [Localizer Performance with Vertical Guidance (LPV)] procedure with B-300 aircrafts, which provide precise guidance during approach and landing and validation of IFP of ILS and DVOR to enable timely commissioning of facilities by DGCA, enhancing the overall safety of air navigation in Indian airspace.

9.23 FUTURISTIC TELECOM INFRASTRUCTURE (FTI)

Provision of Futuristic Tele-Communication Infrastructure for Air Navigation Service of AAI and Delivering Managed Services

AAI is creating Telecom infrastructure with the help of Managed Service Provider (MSP) on BOO (Build, Own & Operate) model for a period of 15 years starting from 2020. It is a domestic Ground to Ground (G/G) communication infrastructure to meet existing and future air traffic communication requirements and capable of supporting various ATC applications such as ground-ground voice/data, remote control of Air-Ground (A/G) VHF communication for extended VHF coverage beyond the line of sight, integration of Radar data etc. This project is a step towards achieving Radar integration, sectorisation & for air space harmonization.

The services (182) ordered initially along with the FTI tender have been deployed. Another Task Order for deployment of 96 services has been placed in September 2023. These are to be deployed by June 2024 in Six Phases. 58 services out of these 96, have been deployed till date. The serviceability of the deployed FTI services are greater than 99.9%.

9.24 STANDARDIZATION & QUALITY ASSURANCE

Surveillance Inspection at 34 stations was carried out by DGCA from period 1st January 2023 to 31st March 2024. Details of Surveillance Inspection findings from period 1st January 2023 to 31st March 2024 are as follows:

Total findings:	262
Findings resolved:	149
Total Findings pending:	65
Findings under process:	48

ANS occurrences pertaining to CNS investigation and reporting: 198 nos. of ANS occurrences pertaining to CNS which were reported during the period have been internally investigated as per guidelines on the subject. Corrective measures/action plan have been taken where ever required to reduce and avoid similar nature of occurrences. Action taken report and corrective action plan were submitted on occurrences for which details were sought from DGCA.

Standardization: 11 nos. of CNS Circulars, and 02 nos. of CNS Technical Advisory Circulars have been issued for guidance and to streamline Operation and Maintenance Management of CNS /ATM facilities and Airport Systems at field stations.

CNS Manuals:

CHQ CNS Manuals Volume-I to IX issued by CHQ were updated with details as given below:

- CNS Manual Vol IV (Flight inspection of CNS Facilities).
- Amendment 7 CNS Manual Vol VII Part 3 (Maintenance Schedules - Surveillance Manual)
- Amendment 8 CNS Manual Vol VII Part-3 (Maintenance Schedules - Surveillance Manual).
- Amendment 9 CNS Manual Vol VII Part-3 (Maintenance Schedules - Surveillance Manual).
- Amendment 4 - CNS Manual Vol VII Part-1 Ver 3 (Maintenance Schedules - Comm Manual).
- Amendment 5 - CNS Manual Vol VII Part-1 Ver 3 (Maintenance Schedules - Comm Manual).
- Amendment 2 - CNS Manual Vol VII Part 2 Version 3 Nav-Aids (Maintenance Schedules - Navigation Manual)
- Amendment 3 - CNS Manual Vol VII Part 2 Version 3 Nav-Aids (Maintenance Schedules - Navigation Manual).
- SOPs for ILS-NPO-734 (LLZ-734 & GP-734) prepared.

Station CNS Manuals:

Updated CNS Manuals in respect of 52 stations were updated on the website post scrutiny and of 03 initial Station Manuals were approved by CHQ as per the guidelines of DGCA. The details of Station CNS Manuals uploaded and approved are as given below: -

S.No.	Region	Station CNS Manuals approved	Station CNS Manuals updated
1.	ER	01	05
2.	NER	-	02
3.	NR	01	16
4.	SR	-	10
5.	WR	01	19

9.25 HUMAN RESOURCE MANAGEMENT (HRM) SECTION

ATSEP Training:

As of April 5th, 2024, a total of 489 Air Traffic Safety Electronics Personnel (ATSEPs) have completed training between January to March 2024. During this period, there were, total 03 Foreign Training (FT) conducted:

- 02 FT in Texas, USA:
 - a) Operation, Preventive and corrective maintenance of the system, Installation, Testing, equipment adjustment during flight calibration and commissioning checks of the system. (07 ATSEPs)
 - b) NDB Repair Facility / Test Jig (03 ATSEPs)

- 01 FT conducted in Chelyabinsk, Russia
 - a) ILS Repair Facility / Test Jig (03 ATSEPs)

67 ATSEPs across all five regions received cyber security training, and 15 ATSEPs underwent Applied Cyber Security Training at IIT Bhubaneswar in February 2024. Additionally, two training sessions were conducted for Dual View XBIS Ltd, accommodating 10 ATSEPs each in both Slot 1 and Slot 2, held at the OEM factory premises of M/s Vehant Technologies Pvt. Ltd., Noida.

Revamp CNS Training centers into advanced Smart Virtual Training Classrooms located across various stations including Delhi, Mumbai, Chennai, Kolkata, Guwahati, CATC, Hyderabad to enable Hybrid training sessions.

9.26 MANPOWER STATUS

Sanctioned Strength: 4547 [Executives] & 313 [Non-Executives]: Total 4860.

Actual Strength: 2482 [Executives including executives on Lateral Placement] & 90 [non-executives].

Manager (DR) – 324 No. has been cleared by Hon. Supreme Court to complete the Recruitment process in a time bound manner.

JE (Elex.) (DR) – 278 No. is published vide Advt. No. 02/2024 in February – 2024.

JE (Elex.) (DE) – 135 No. is under process with Recruitment Cell.

Sr. Assistant (Elex.) – SR: 25 No. Advt. published on 6th January 2024.

Sr. Assistant (Elex.) – NER: 14 No. Advt. published on 30th December 2023.

Sr. Assistant (Elex.) – NR: 47 No. Advt. published on 13th February 2024.

Recruitment in r/o 106 No. of posts in Equipment Mechanic & Mast Rigger is under process at various regions.

The details in r/o requirement of Consultants in CNS & Airport Systems Discipline from various regions has been compiled and the process to engage them shall be completed in the due course of time.

The proposal for restructuring of existing CNS manpower has been submitted to Dte. of HR, approval is awaited.

9.27 CERTIFICATION OF ATS PERSONNEL (CAP)

ATCO licensing Audit/ Inspection (AAI):

Audit and inspections of the airports i.r.o ATCO licensing were conducted across the country to examine the effectiveness of the ATCO licensing regulations and continuation of delegated functions at various airports. A total of 23 Audit/inspections of ATS stations/ATSTOs were conducted in the year 2023.

Implementation of “iamatc” Software:

An Online system named “iamatc” to comply the ATCO licensing regulatory requirements of maintaining recency, competency and ATC logbook associated with ATC license as mentioned in various Civil Aviation Requirements (CAR) of DGCA and The Aircraft Rules 1937 is designed inhouse by AAI. The same is implemented all over India in seven phases between 10th July 2023 to 27th December 2023.

Psychoactive Testing for ATCO:

To comply with DGCA CAR on Procedure of Examination of the Aviation Personnel for Consumption of Psychoactive Substances, the testing of ATCOs has been promulgated at various AAI airports and ATSTOs.

Mental Health Promotion Programme for the ATCOs of AAI:

Procedures for Mental Health Promotion Programme is prepared and got approval from DGCA to enhance flight safety.

Conduct of Workshop cum Sensitisation on ATCO Licensing:

Directorate of Certification of ATS Personnel (CAP) conducted workshop cum sensitization meeting to create awareness among ATS In-charges on the topic of RTM, AELP, DGCA CARs, Class 3 medical requirements for ATCOs on 27.03.2023 at DATS complex, IGI Airport, New Delhi (for 19 ATS station and 35 participants) and 14.09.2023 to 15.09.2023 at Guwahati (for 11 ATS Station and 28 participants):

The objective behind organising the workshop was to sensitize ATCOs regarding state regulatory requirements, their applicability and overall associated global safety impact.

AIR SPACE MANAGEMENT (ASM)

- 5 NM Surveillance Based Separation implemented in ATS airspace of India.
- 16 Nos. of Control Areas/Control Zones/ATZs/TMAs established and realigned.
- 19 Nos. of Special Use of Airspace (SUA) (TRA/TSA/D/R/P/MCTR Area) established, withdrawn and realigned.
- 76 Nos. of ATS Routes established, realigned and amended.
- 04 ATS Routes realigned on 5LNC in place of GGB & BR W18, W28, Q28, J97.
- 5LNC incorporated in AIP on ATS Routes G472, N895, B459, Q19 & UL425.
- ATS Routes at Gorakhpur realigned due VOR relocation.
- ATS Routes at Bhavnagar, Kanpur, Bareilly, Srinagar, Leh, Jammu, Ayodhya, Imphal and Patna realigned due survey coordinates received from Survey Section, AAI.
- 12 Conditional Routes established, realigned and amended to achieve optimum use of Airspace.
- 537 Nos. (Approx.) of Temporary Airspace Reservations (TARs) for DRDO/ISRO/IAF/MHA/NAVY/CG/ARMY etc. approved.
- 250 (Approx.) Drone operations and RPTO establishment requests processed.
- Due to Flexible Use of Airspace (FUA), **Rs.353.3 Crores** (Approx.) reported to be saved by various airlines.
- Due to FUA, fuel (CO2 emission) of 72123.3 ton saved by various airlines.
- Total 2446 Nos. of RCS stage lengths calculated for UDAN 5, UDAN 5.2 and Helicopter UDAN 5.1.
- Three new waypoints LIGPI (211845N 0704640E) and NOKIL (215547N 0714703E) in Mumbai FIR & RUPTI (075535N 0932950E) in Chennai FIR established.
- Change of DIPAS and REBON due ICARD duplicity.
New VHF frequencies published at four RCS Airports; Aligarh, Chitrakoot, Shravasti and Azamgarh.
- Waypoint DUDIK inserted at crossing of ATS Routes P628 and W138.
- Waypoint DUDUB deleted.
- 06 New Waypoints inserted on ATS Routes.
- Transition altitude of Shivamogga, Delhi, Safdarjung, Bokaro, Muirpur, Nanded and Korba established.
- Planning and approval of Extensive Tri services level exercise covering airspace from East to West and North – South (PAN INDIA) completed successfully.
- Comments of India with respect to PFA to (Part IV- ATM-TABLE- ATM-II-MID-I)-MID Region ATS Route Network submitted.
- Amendment in AD2.17 of Durgapur Airport completed.
- New VHF frequency of Sindhudurg Tower/Approach and Cooch Behar Tower inserted in ATS Routes V51, V52, W172 and W173 and R598 respectively.
- Validity Extension carried out for TRAs/TSAs.
- Annual report of 5 LNC Status for 1050 waypoints submitted to ICAO.
- Withdrawal/ change of utilization of HF/VHF FREQUENCIES carried out in DELHI FIR, MUMBAI FIR, KOLKATA FIR, CHENNAI FIR, KOLKATA OCEANIC CONTROL AREA, CHENNAI OCEANIC CONTROL AREA and MUMBAI CONTROL AREA.

- VHF frequency inserted in MUMBAI ACC U5V and MUMBAI ACC U5N.
- Amendments carried out in frequencies of CHENNAI ACC, KOLKATA ACC, OCEANIC AIRSPACE OF MUMBAI FIR.

9.29 ATS SECTION

Total 19 Nos. of CNS/ATM Agreements signed by AAI with various State Govts./Pvt. Airport Operators; for Bokaro (SAIL), Mundra, Jamshedpur, Hassan Greenfield, Vijayapura Greenfield, Bhogapuram Greenfield, Datia, Dholera, Aligarh, Azamgarh, Chitrakoot, Muirpur (Myorpur), Shravasti, Pithoragarh, Bilaspur, Jagdalpur, Ambikapur, Neyveli, Nanded and Amravati Airports/Stations.

20 Nos. of ATM-NOCs issued to various Flying Training Organizations.

Approach Control Unit established at Deoghar, Jeypore, Utkela, Agatti, Puducherry, Shimla, Salem, Shivamogga, Nanded, Keshod, Rupsi, Kullu-Manali (Bhuntar) and Bilaspur Airports to facilitate Special VFR operations.

9.30 FPD SECTION

Total 179 Instrument Flight Procedures (IFPs) submitted to DGCA & Navy. Out of 179 Nos. of Flight Procedures, 107 Procedures promulgated in Aeronautical Information Publication (AIP)

100 Conventional Procedures submitted to DGCA.

51 RNP procedures (26 LNAV/VNAV & 25 LPV) submitted to DGCA.

28 Nos. of SIDs/STARs charts submitted to DGCA.

256 Nos. of Aeronautical Studies conducted.

17 Nos. of Prefeasibility Studies conducted for Shillong, Pantnagar, Lakhimpur Khiri, Sahilgunj, Chhana, Daman, Jhansi, Indore, Karbi along, Gadchiroli and 06 sites in Gujarat.

12 Nos. of sites selected for DVOR/DME location.

346 Nos. of NOCAS Appeal cases processed.

SIDs/STARs and IAPs for Multiplex project for Delhi and Jewar airport conceptualized and designed.

SIDs/STARs and IAPs for Multiplex project for Mumbai and Navi Mumbai airport conceptualized and designed.

9.31 SAR SECTION

Full Scale Search and Rescue Exercise (SAREX-2024) was conducted in RSC Guwahati on 15th and 16th February, 2024.

Conducted five weeks Aeronautical Search and Rescue Mission Control (ASARMC) Course at CATC Prayagraj from 30th October to 1st December, 2023.

Conducted three Days Joint SAR Refresher Course for SAR trained personnel from Airports Authority of India (AAI) and Indian Coast Guard (ICG) in July 2023 at CATC Prayagraj.

Participated in 03 Days Joint SAR Refresher Course for SAR trained personnel from Airports Authority of India (AAI) and Indian Coast Guard (ICG) in December, 2023 at MRCC Chennai.

Conducted SAR Internal Quality Assurance Audit of RCCs/RSC for the year 2023-24.

9.32 AIR TRAFFIC FLOW MANAGEMENT (ATFM)

1. Memorandum of Understanding:

- i. The following MoUs were finalized and signed in the year 2023

S No.	MoU Partner	Signed on	Purpose
1.	Boeing India Pvt Ltd.	22 nd June 2023	1. Delhi Mumbai Metroplex, 2. Delhi Mumbai Corridor
2.	Indian Navy	18 th July 2023	Provision of Surface Movement Service at Dabolim, Goa.
3.	DGAC France	July 2023	Technical collaborations and cooperation in ANS training areas.
4.	NATS UK	October 2023	Cooperation between AAI and NATS aimed at exchange of knowledge and technology for building smart and safe airports, air traffic management, air space design and sustainability.

2. Provision of SMC at Dabolim Goa

S No.	Activity	Date	Remarks
i.	Establishment of Surface Movement Control (SMC) unit by AAI	9th Oct 2023	To enhance capacity of civil aircraft movement.

3. To manage the demand capacity imbalance situations during the calendar year 2023 (up to December 2023), ATFM Measures were implemented on 349 occasions.

This resulted in fuel savings of 11231.55 tonnes amounting to the saving 35491.647 of tonnes of CO2 emissions approximately.

4. IFPS-LEO system reliability and stability test (SRST) was conducted successfully with effect from 14/08/2023 to 12/09/2023 for 30 days.

5. Conducted three Stakeholder meetings at CATFM to improve ATFM in India and compliance of CBR.
6. AAI's team attended the Thirteenth Meeting of Air Traffic Flow Management Steering Group (ATFM/SG/13) at Bangkok, Thailand from 03 to 07 April 2023 and presented working paper on "Analysis of Lead Time of Filing Flight Plan" and information paper on "ATFM Post Operations Analysis" at the meeting.
7. M/s Bharat Electronics Limited (BEL) Team was facilitated by C-ATFM Team, Vasant Kunj, for familiarization with the operations of ATFM and discussion with AAI ATFM team on feasibility of joint development of ATFM System by AAI and BEL.
8. A draft document "Concept of Operation for ATFM System in India" was developed.
9. During G20 Summit in India, AAI efficiently managed the flow of air traffic in coordination with IGIA ATC and was active partner in managing smooth flow of air traffic during the event.

10. SQMS

Effective monitoring of the safety occurrences with internal investigations and follow-up actions.

Implementation of robust reporting mechanisms for occurrences and finalization of the duties and responsibilities of surveillance controllers, concurrent controllers, and area planning controllers, publishing ATMC 4 of 2023 on the same subject. AAI updated and published the Manual of Air Traffic Services, Part-1, edition 6.2.

Two safety workshops on reporting and investigation of incidents were conducted in Mumbai and Chennai, along with two virtual conferences as part of the ATM-SQMS plan for incident prevention in 2023-24.

Development of the SQMS module in the AIMS system.

Investigation of airprox incidents with finalization of safety recommendations in joint meetings with DGCA Hqrs.

11. Total 56 no. of surveys were carried out by Survey & Cartography section, AAI.

12. CARO

S.No.	Item	Details
1.	Evaluation of cost S/W and formulation of a uniform policy for	Approval Process completed.

	implementation of an ACDM at JV/Pvt. Airport.	
2.	TAAM/Airtop study	TAAM study for following Airports is completed: - Ranchi- → 06-02-2023 Coimbatore → 13-02-2023 Surat → 27-02-2023 Goa → 31-03-2023 Belagavi → 04-04-2023 Vijayawada → 05-04-2023 Bagdogra → 15-09-2023 Port Blair → 30-09-2023
3.	ACDM Implementation	Currently Patna, Trichy, Amritsar and Calicut Airport, ACDM work in progress. Shamshabad ACDM project completed, commissioned. BIAL ACDM Draft MoU is revised with new costing of ACDM product and sent to BIAL for their concurrence. After signing MOU, the work will start.
4.	Automation of Chennai Airport	QR for Chennai automation & ASMGCS Review of Chennai QR
5.	Airtop Soft Tool.	Airtop Soft, a software tool procured and training of 30 officers completed.
6.	BEL automation commissioning.	ATMAS for Bhubaneshwar is monitored and carried out site evaluation at CRL lab on several occasions.
7.	Concept paper for restructuring of Indian airspace into a single Indian FIR.	Concept paper for the project 'ISHAN' is finalized.
8.	Incorporation of simulation for 9 safety critical Airports in the	Operational requirement defined and provided.

	existing integrated simulator at AAI training centre, CATC Prayagraj and HTC, Hyderabad.	
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9.33 OPERATIONS

Passenger Processing System (CUPPS, CUSS, BG and BRS) implemented at (Forty-Three) 43 AAI Airports as per Concession Agreement with M/s. SITA w.e.f. 11.02.2023. Ayodhya Airport added as 44th Airport w.e.f. 30.12.2023.

Letter of Intent to Award (LOIA)s issued for concession of Ground handling Services at 48 Group D AAI Airports. However, Ground handling operation commenced at 30 Group D Airports by AAI appointed GHA.

Inauguration of following New Terminal buildings / Airports: -

(i) NITB, Chennai Airport (Terminal-2); (ii) New Civil Enclave, Kanpur Airport; (iii) NITB, VSI Airport, Port Blair; (iv) Rajkot Intl. Airport; (v) NTB, Tezu Airport; (vi) NITB, Surat Airport; (vii) Ayodhya Airport; (viii) NITB, Trichy Airport; (ix) NTB, Dehradun Airport; (x) Aligarh; (xi) Azamgarh; (xii) Chitrakoot; (xiii) Moradabad; (xiv) Shravasti; (xv) Gwalior; (xvi) Pune; (xvii) Kolhapur; (xviii) Jabalpur; and (xix) Adampur.

Foundation Stone were laid for new terminal building at (i) Kadappa; (ii) Hubballi; and (iii) Belagavi; (iv) Jammu; (v) Jodhpur; (vi) Udaipur and (vii) Rajahmundry.

In addition to above, Bhoomi Poojan was done at Datia Airport.

Other achievements include:

Handled 130 Non-Scheduled flight movements at Ayodhya airport on 22.01.2024 on the occasion of Shri Ram Pran Pratishtha with limited infrastructure/logistics for which a control centre was established at CHQ where Ops executives worked day and night for the safe & smooth flight operations and comfortable journey of all VVIP/VIPs including Hon'ble PM and HMCA.

Revised Night Parking policy implemented for the convenience of scheduled/Non Scheduled flight operators and optimum utilization of AAI infrastructure.

Single Window Clearance in respect of Slot allocation, Night parking stand allocation, space & land allocation implemented for easy and fast processing of facilities to the airline operators.

AAI won International Arbitration case in respect of GPIX LLC Vs The Republic of India.

Maharishi Valmiki Intl Airport, Ayodhya and Surat Airport declared as International Airports.

- Also Bhopal Airport declared Customs notified by Ministry of Finance & Immigration Check Post by Ministry of Home Affairs. Also AAI managed

airports Agartala & Vadodara Airports declared as Customs notified by Ministry of Finance.

Standing Finance Committee (SFC) has recommended for approval of the proposal for an amount of Rs 428.27 crores as grant for reimbursement of Customs Cost Recovery Charges to AAI/AAICLAS for tier II/III cities for a period of 3 years (2024-25 to 2026-27).

DPE has rated AAI as excellent on MoU parameter.

Dte. of Ops. Undertaken following Airside activities:

Conversion of Day IFR to IFR (All Weather Operations) of Hollongi Airport.

Conversion of VFR to IFR of Kalaburgi Airport.

PoC of S-VDGS project (under Make in India Scheme) at Kolkata Airport and trial operations at Amritsar and Srinagar Airports.

DGCA approval of capacity enhancement projects at Kolkata Airport pertaining to new RETs, new TWYs, Apron expansion etc.

DGCA approval for Upgradation from CAT I to CAT II lighting at Bhopal, Raipur, Bhubaneswar and Ranchi Airports.

Enhancement to infrastructure (turnpads, fillets, remarking of apron) at 14 select Airports to accommodate B777-300ER (VIP Aircraft) operations.

Promulgation of intermediate departures in AIP at 20 airports to reduce runway occupancy time.

DGCA approval for expansion of Apron at Raipur, Patna, Tuticorin, Shillong & Jharsuguda Airports.

Monitoring progress on infrastructural development works at Ayodhya, Shravasti, Azamgarh, Aligarh, Moradabad & Chitrakoot Airports for timely licensing wherein examination of OLS data, follow-up on DGCA observations and verification of aerodrome data for publication in AIP was undertaken.

Presentation of 03 nos. of Information Papers at ICAO Asia & Pacific Regional Meeting forum, details of which are as under: -

Seventh Meeting of Aerodrome Operations & Planning Sub-Group at Bangkok, Thailand (3rd to 6th July 2023)- Papers presented: a) Development of Indigenous S-VDGS through startup initiative. b) Uniform procedure for timely commissioning & operationalization of infrastructure in Airside.

Fifth Meeting of Asia/Pacific Aerodrome Design & Operations Taskforce at Chiang Rai, Thailand (30th Jan to 2nd Feb 2024)- Paper presented- Clarification on Annex 14 regarding strength of RESA & RWY strip as per Aerodrome Design Manual (ADM) Doc 9157 Part 3, Pavements (Third Edition, 2022)

Schedule flight operations commenced at following AAI Airports: -

S.NO.	NAME OF THE AIRPORT	SCHEDULE FLIGHT OPERATION START DATE
2	HINDON	06.09.2023
3	LUDHIANA	06.09.2023
4	BHATINDA	07.09.2023
5	KISHANGARH	30.09.2023
6	PUDUCHERRY	02.10.2023
7	BIKANER	06.10.2023
8	SALEM	17.10.2023
9	GONDIA	01.12.2023
10	Ayodhya	30.12.2023
11	Azamgarh	11.03.2024
12	Aligarh	11.03.2024
13.	Chitrakoot	12.03.2024
14.	Shravasti	12.03.2024
15.	Adampur	31.03.2024

9.34 TECHNICAL

Procurement of 42 Nos Airfield Crash Fire Tenders:

AAI has placed Purchase Order for the supply and CAMC of 42 Nos. Airfield Crash Fire Tenders on M/s. National Fire Fighting Manufacturing, FZCO (NAFFCO), Dubai & M/s Marce Fire Fighting Technology Ltd., South Africa for their operational use at Various Airports in India. These Airfield Crash Fire Tenders (ACFTs) are fully built up unit and have a water tank capacity of 6,000 litres. These ACFTs are used for Airfield Rescue and Fire Fighting Operations at Airports. These are essential for maintaining fire category of the Airport. The ACFTs will be supplied and commissioned in the FY: 2024-25.

Procurement of 09 Nos Multipurpose Fire Tenders

AAI has placed Purchase Order for Supply & CAMC of 09 Nos. Multipurpose Fire Tenders (MFTs) on M/s Ambala Coach Builders., Ambala, Haryana for handling any fire exigencies of Terminal Building and other establishment located on the Airport's city side. These MFTs are fully built-up unit with a water tank capacity of 4500 Liters and equipped with different firefighting media such as Water, Foam, DCP and CO2 to cater to various types of fire exigencies.

These MFTs have already been supplied and commissioned at Chennai, Kolkata, Srinagar, Jammu, Pune, Vizag, Bagdogra, Goa and Port Blair Airport in F.Y. 2023-24.

Procurement of 71 Nos. Hydraulic Cutter & Spreader

AAI has placed purchase order for Supply of 71 Nos. Hydraulic Cutter & Spreaders on M/s IDEX India Pvt. Ltd. to meet requirement of Fire & Rescue related operations. These equipments have already been supplied at various Airports in India.

Installation, Testing and Commissioning of 02 Nos. Pressure Fed Fuel Fire Training System at FTC, New Delhi & FSTC, Kolkata

AAI has placed Purchase order for Supply, Installation, Testing and Commissioning of 02 Nos. Pressure Fed Fuel Fire Training System with Operation & CAMC at Fire Training Centre (FTC), New Delhi and Fire Services Training Centre (FSTC), Kolkata on M/s Joseph Leslie Dynamiks Manufacturing Private Limited, Mumbai to meet the training requirement of Officials of Fire Service Department. These Pressure Fed Fuel Fire Training System are expected to be supplied and installed in FY: 2024-25.

Procurement of 08 Nos Airport Surface Friction Tester

AAI has placed Purchase order for supply & CAMC of 08 Nos Airport Surface Friction Tester on M/s THREE D Integrated Solutions Ltd., New Delhi to meet the operational requirements at Airports. These ASFT's are used to measure the friction of Runway Surface. The ASFT's are expected to be supplied at Chennai, Kolkata, Varanasi, Indore, Patna, Calicut, Amritsar & Agartala in FY: 2024-25.

9.35 INFORMATION TECHNOLOGY

Digi Yatra: IT Department, AAI has successfully implemented Digi Yatra facility at four AAI airports namely Varanasi, Kolkata, Vijayawada and Pune airports. Another 12 additional airports including Chennai Airport have been identified for implementation of Digi Yatra in the next phase. Digi Yatra facility provides a seamless, hassle-free & paperless journey experience and aligns with the goal of reducing congestion at airports by providing reduced queue waiting times, quicker processing time and contact-less passage for domestic air at the airports. Approximately 3.2 million passengers have utilized the Digi Yatra facility in the year 2023.

Migration of Applications on Disaster Recovery (DR) Centre: Disaster Recovery (DR) is established in Hyderabad, as a backup of main Data Centre at (DC) Delhi. DR has capability to act as Data Center (DC) in case of contingency or otherwise. DC-DR setup is effectively functioning as a private enterprise cloud for AAI.

E-office application has been successfully migrated from external BSNL cloud to AAI's own private enterprise cloud. AIMS, Email and Website have successfully been migrated and tested in live environment through the DR setup.

Establishment of IT Network at various New Terminals: IT network which is the backbone of all airport terminal operations and services has been established at various new airport terminals. The Greenfield airports include Ayodhya, Hirasar (Rajkot), Deoghar and Hollangi. Other airports are Port Blair, Surat, Trichy and Kolhapur. At New International Terminal (T2) Chennai Airport state of art technology is deployed for full scale IT Data center capable of catering to the requirements of all airport stakeholders with capability of streaming video and data separately on dedicated network. In addition, successfully completed the installation of IT Network at ATS Complex at Bhuvneshwar, Gaya, and Tezu airports.

Start-Up Program: IT department has achieved the milestone through successful development of indigenous systems through **Start-Up** firms.

- **Smart Visual Guidance System (S-VDGS)**

This is aimed to facilitate the pilot about self-parking bay, and automate recoding of time of chocks on/off time, and efficient utilization of parking bays & aerobridges, and recoding of time of chocks on/off time for efficient utilization of parking bays & aerobridges capacities.

- **System Wide Advance Aeronautical Information System (SWAIM)**

The purpose of this module is to develop hybrid messaging system that could act as a bridge between AHMS-SWIM for effective flow of aeronautical messages and provide a SWIM environment.

- **Indian National Electronic Repository for Aviation (I-Netra)**

This module is an aerodrome mapping solution which provides the information related to height detection with respect to the Aerodrome Reference Point of an aerodrome, through high resolution satellite imagery.

- **Airside Movement and Compliance Monitoring System (AMCOMS)**

This system is aimed to integrate various data sources, such as real time aircraft positions, ATC automation data, NOTAM information etc.

The system provides digital twin of surface operation for enhanced visualization of dynamic operations.

Development of T-SAT Display: Target Start-up Approval Time (T-SAT) display system is an innovative solution implemented by IT Department which receives data from ACDM and AOCC and displays at Parking Stands and facilitates the pilots to keep in readiness for departure within time slot allocated through ACDM by ATC system. The system has been operationalized across eight (08) Bays in the apron area, NSCBI, Kolkata Airport. This system enhances, optimise the apron use time by the aircraft, and aircraft fuel saving leading to cost effective approach.

Development of Centralized Commercial Dash Board: The Commercial Department has completed the display of revenue-related details and reports for use by Higher-Level Management.

Computer Based Training (CBT) Simulator System Software: Procurement and operationalisation of State-of-the-art CBT Simulator System Software for five Aviation Security Training Institutes (ASTIs) i.e. Kolkata, Chennai, Bhopal, Guwahati and Delhi. This has facilitated enhancement of training capabilities and capacity enhancement for Baggage Screeners by providing simulated environment with 3D/CT Baggage Inspection machines. The software is capable to accommodate upto 200 trainees simultaneously.

Project Monitoring tool implemented successfully by IT Department for monitoring the live status of works under progress through CCTV in board room, AAI.

- IT Team, AAI has developed and deployed various application modules for enhancing functional efficiency of the organization.
- Employee Suggestion/Feedback System - Chairman's Corner
- Land Requisition Module for Land Management Department.
- Appointment of Arbitrator and Mediator Module for Law Department
- Document Management System (DMS)
- Module for Repository of Master Plan on Pan India basis for use by Planning Department.
- Complaint Management System for use by Vigilance Department.
- Frequency Management System for use of ANS Directorate in AIMS Application.
- PAX, and Aircraft Movement related reporting module in AIMS meant for MOCA
- Volunteering Reporting System for reporting hazard related to aviation safety in AIMS.
- Centralized Billing Processing System (CBPS) in AIMS.
- CNS-ATM Agreement related Billing Module in AIMS for Non-AAI.
- Self-Billing System for Non-Scheduled Operators (NSOP).
- NOC for Flight Training Organizations (FTO)

Development of following **Web Portals and Microsites** to facilitate ease of doing business:

- **Fire Services Training Centre (FSTC) Kolkata** and **Fire Training Centre (FTC) Delhi**, linked with AAI website aimed to automate the services related to Fire Trainings in AAI.
- **Retired Employees Portal** has been revamped and linked with SAP_ESS Module for submission and tracking of medical bills, claims etc.
- **Annual Transfer Form** facilitated through SAP_ESS Module to facilitate online application of transfer options by AAI officials.

Inhouse Development of “Breath Analyzer” Application Software to record the sample report of breath test conducted on duty related to AAI employee, and launched at IT Intranet, Kolkata. Medical Test samples are tested in order to comply the DGCA norms.

Mobile Application Development for Chennai Airport: The Mobile App provides end to end passenger facilitation and also provides in-terminal navigation through path finder.

Other Developments and Functional Implementation at Chennai Airport: Following projects have been successfully delivered:

- Passenger Flow Management System (PFMS) through CCTV Analytics. This is enabled right from Airport Terminal Entry through Security Hold Area (SHA) and provides the dashboard displaying details on passenger count, average waiting time, processing time etc.
- Integration of Passenger Boarding Bridge (PBB) status with AOCC.
- Integration of Baggage Handling System (BHS) with AOCC.
- 2D Bar Code Scanner to check validity of the passenger ticket at terminal entry though cross-checking with airline database.

9.36 CYBER SECURITY COMPLIANCE

AAI complies with the relevant cyber security guidelines issued by the Indian Computer Emergency Response Team (CERT-In) and National Critical Information Infrastructure Protection Centre (NCIIPC).

A. Compliance Status:

- Effective Implementation of ISMS policies and procedures is aligned with CERT-In guidelines.
- ISO 27001:2013 Certification and yearly Surveillance Audit for AAI Data Center

- Regular security audits and vulnerability assessments to identify and address potential vulnerabilities.
- Employee training programs such as Cyber Jagrookta Diwas on monthly basis to create awareness of cyber threats and associated best practices.
- Incident response plan is in place to manage and mitigate cyber security incidents.

B. Key Initiatives:

- Implemented Monitoring and Automation of cyber security incident response through Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR).
- Active participation in various Government of India (GoI) initiated projects such as NCIIPC Threat Dissemination Portal (TDP), Honeypot, National Security Analytics Centre (NSAC) and Entity Threat Intelligent Platform (**E-TIP**) module to proactively identify and mitigate cyber threats.
- Effective Implementation to handle DDoS attacks on AAI Web application in public domain during important GoI events.

9.37 VIGILANCE ACTIVITIES

The Corporate Vigilance Department (CVD) of the Airports Authority of India (AAI) is located at the Corporate Headquarters in New Delhi. It also has a presence in all the five regions, viz. Northern, Eastern, Western, Southern, and North-Eastern regions. The role and functions of the Vigilance Department are in accordance with the Central Vigilance Commission's (CVC) Vigilance Manual, which is updated periodically.

Shri Amal Garg, an Indian Revenue Service (IT: 1995 batch) officer, has been serving as the Chief Vigilance Officer of AAI since October 21, 2020.

AAI, being a service organization, assigns a three-pronged role to its Vigilance Directorate, which includes preventive, punitive, and surveillance & detection aspects. In its preventive role, the CVD conducts awareness campaigns to promote sensitivity to matters with potential for malpractices and corruption. These campaigns include the annual Vigilance Awareness Week (VAW) and various Vigilance Awareness programs like workshops, lectures, seminars, conducted throughout the year at different locations, all aimed at achieving a zero-tolerance approach to corruption.

In its detective/surveillance role, the CVD plans and conducts surprise, regular, and CTE Type inspections to identify systemic failures and instances of corruption and malpractices. It also reviews internal audit reports and annual property returns, among other documents, to detect actions with a vigilance angle.

As part of its proactive role, the CVD encourages various key departments to standardize their work procedures and update their manuals to enhance transparency in the workplace and minimize the scope for discretion. Based on the outcomes of workshops and field inspections, the CVD provides suggestions to the management for systemic improvements on important issues.

9.38 RAJBHASHA

Official Language Implementation

The Airports Authority of India (AAI) is committed to ensuring compliance with the Official Language Policy of the Government of India. Quarterly meetings of the Official Language Implementation Committee are held at Corporate Headquarters, Regional Headquarters, and all stations.

During the period from January 1, 2023 to March 31, 2024, the Official Language Implementation Committee at Corporate Headquarters held its meetings at regular intervals and follow-up action on the minutes was taken up. Official language review meetings were also conducted with the heads of subordinate offices quarterly and follow-up action on the minutes taken up.

Further, 19 offices (Bhatinda, Chennai Airport, Donipolo, Rupsi, Tezu, Imphal, Lengpui, Jorhat, Dimapur, Lilabari, Surat, Keshod, Kandla, Mangalore, Gondia, Jalgaon, Kolhapur, Shillong, Jharsuguda) were notified under Official Language Rule 10(4).

Official Language Inspections and Reporting

Regular inspections are conducted in Regional and Subordinate Offices to monitor the implementation of the Official Language, with instructions and suggestions provided where necessary. During the Calendar year period from January 1, 2023 to March 31, 2024, Corporate Headquarters conducted official language inspections of 08 subordinate offices, 06 field offices and 13 departments of corporate headquarters. Consolidated quarterly progress reports, basis inputs received from various departments/sections, were submitted to the Ministry of Civil Aviation and the Department of Official Language, Ministry of Home Affairs, within the stipulated time frame. Additionally, the second sub-committee of the Parliamentary Committee on Official Language conducted official language inspections in 26 AAI offices.

Promoting Hindi Language

In the period from January 1, 2023 to March 31, 2024, AAI organized various Hindi workshops at different levels, including Corporate Headquarters, Regional Headquarters, and Field Stations which encouraged number of officers and employees to use Hindi effectively.

AAI's implemented scheme viz. "All India Official Language Shield Scheme" to encourage the best implementation of the Official Language in subordinate offices and departments at Corporate Headquarters.

During the period under consideration, 04 issues of AAI's in-house magazine "Arpan" were successfully published.

Encouraging Hindi Literacy

AAI rewarded officers and employees through Hindi promotion schemes to encourage the implementation of the official language in various departments and subordinate offices.

Hindi Fortnight was organized by the office from 14 to 29 September, 2023. Under which a total of 06 competitions were organized and during this, an all India level webinar was also organized on the topic "Sutras of Life Management in Ramcharit Manas". A total of 49 personnel were awarded awards in these competitions.

To enhance interest in reading Hindi literature among Corporate Headquarters employees, the "Best Hindi Reader of the Month" scheme was introduced.

Hindi Essay Competition and Meetings:

AAI organized the "All India Hindi Essay Competition" on World Hindi Day on 10th January 2023 and 10th January 2024. During October-December, 2023, 13 different Hindi competitions were organized by various member offices under the aegis of Narakas (Undertaking-1), Delhi.

In addition to these achievements, the Department of Official Language in AAI:

- Held special meetings with official language nodal officers of various departments.
- Organized Rajbhasha Sangoshthi.
- Conducted half-yearly meetings of the Town Official Language Implementation Committee.
- Organized 'Hindi Rachna Path Sah Paricharcha Karyakram' on 07th June 2023, 12th September 2023, 21st December 2023 and 28th February 2024.

9.39 SPORTS

The Achievements of AAI Sports Control Board for the period 1st January 2023 to 31st March 2024 is provided below:

Conduct of Inter Zonal Tournament/Trekking Expedition

AAI Inter Badminton Tournament held at Kolkata from 9th to 14th January 2023 conducted by Regional Sports Control Board – Eastern Region.

AAI conducted 50th AAI All India Inter Institutional Table Tennis Tournament held at Vishakhapatnam from 06-09th August 2023.

AAI Inter Zonal Athletics tournament held at Pune from 27th September to 01st October 2023 conducted by Regional Sports Control Board – Western Region.

AAI Inter Zonal Football Tournament held at Kolkata from 08th to 13th October 2023 conducted by Airport Sports Control Board – Kolkata Airport.

AAI Inter Zonal Table Tennis Tournament held at Pondichery from 19th to 22nd November 2023 conducted by Airport Sports Control Board – Chennai Airport.

All India Trekking Expedition at Dirang Area of Arunachal Pradesh from 15th to 24th November 2023 conducted by Regional Sports Control Board – North Eastern Region.

All India Cultural Competition conducted by SPB-CHQ at New Delhi from 15-16th December 2023.

AAI-SCB inducted a total of 100 sportspersons under AAI Sports Contract/Scholarship Scheme in 2023-24.

AAI Inter Zonal Cricket Tournament held at Hyderabad from 2nd to 8th January 2024 conducted by Regional Sports Control Board – Southern Region.

AAI Inter Zonal Badminton Tournament held at Udaipur from 9th to 14th January 2024 conducted by Regional Sports Control Board – Northern Region.

All India Trekking Expedition-II from Paradeep to Konark from 10.02.2024 to 16.02.2024 conducted by Regional Sports Control Board – Eastern Region.

All India Cycling Expedition conducted by RSCB-NER from 20.02.2024 to 10.03.2024 from Guwahati-Dimapur-Dibrugarh-Passighat-Itanagar.

Participation of AAI Team in National Tournament

Participation of AAI Badminton Team in All India Inter Institutional Badminton Tournament held at Guwahati by Assam Badminton

Association under the aegis of BAI. AAI Team won the GOLD Medal both in Men & in Women category.

Participation of AAI Table Tennis Team in 50th All India Inter Institutional Table Tennis Tournament held at Vishakhapatnam organized by AAI under the aegis of Table Tennis Federation of India AAI Men's team secured SILVER MEDAL AND Women Team secured IInd Runners-up.

Participation of AAI Badminton Team in Sr. National Badminton Tournament held at Guwahati from 18th to 22nd November by Assam Badminton Association under the aegis of BAI. AAI Men's Team WON THE GOLD MEDAL in the Tournament & Women Team bags SILVER MEDAL.

Participation of AAI Table Tennis Team in Sr. National Table Tennis Tournament held at Panchkula organized by from 17th to 22nd November 2023. AAI Team won Bronze Medal in the Tournament.

AAI Carrom Team participated in All India Public Sector Table Tennis Tournament held at Jaipur from 16.01.2024 to 19.01.2024, organized by LIC, AAI Team won GOLD MEDAL in Women category and SILVER MEDAL in Men's category.

AAI Badminton Team Participated in All India Public Sector Badminton Tournament organized by AAI at Goa from 06-09 March 2024, both AAI's men & women Team won GOLD MEDAL in the event.

AAI Carrom Team participated in All India Public Sector Carrom Tournament held at Mumbai from 13.03.2024 to 16.03.2024, organized by HPCL, AAI Team won GOLD MEDAL in Men event and Bronze Medal in Women category.

AAI Women Kho-Kho Team participated in 56th Sr. National Kho-Kho Championship organized by Kho-Kho Federation of India at Delhi from 28.03.2024 to 01.04.2024, AAI Team won SILVER MEDAL in the Championship.

In addition to the above, AAI organized a national level tournament viz. 'All India Public Sector Badminton Tournament' which was held at Goa from 06.03.2024 to 09.03.2024.

9.40 HUMAN RESOURCES

Achievements for the period 01.01.2023 to 31.03.2024

Direct Recruitment:

- Offers of appointment issued under two recruitment advertisements of Junior Executive (Air Traffic Control) for 756 vacancies (Group-B posts)
- 05 offers of appointment issued under recruitment advertisement in Official Language cadre (*Group A- 2, Group B-2 and Group C-1*)
- 418 offers of appointment issued under various disciplines (Group-B posts) under Direct Recruitment through GATE Score.

Recruitment advertised for 324 Group-B posts and 18 Group-C posts under various disciplines through Computer Based Test

Recruitment advertised for 496 posts of Junior Executive (Air Traffic Control) (Group-B posts) through Computer Based Test

Recruitment advertised for 490 Group-B posts under various disciplines through GATE 2024 Score

Engagement of 6 Consultants and 12 young professional across various disciplines.

Training at Indian Aviation Academy

Three stage training programs are conducted at IAA: -

Induction training for Orientation with organization.

Discipline specific training program for achieving organization goals.

Leadership development training for developing aviation leaders.

Total trainings conducted – 167 (Scheduled – 67, Non-scheduled - 100)

Total participants trained- 3162

Bifurcation of the organization/ participants trained are as under: -

AAI participants	– 1651
DGCA participants	– 106
BCAS participants	– 130
Outside AAI/BCAS/DGCA participants	– 1194
Foreign participants	- 81
Total	- 3162

Other achievements include:

- Launch of e-learning course on Airside infrastructure.
- Launch of e-AVSEC English version.
- Renewed the DGR training program at IAA.
- Resumed classroom training programs such as the Basic Airport Operation Course-Ab-Initio for Airport operation executives of AAI.
- Convocation ceremony of successful participants for completion of IAAE-India Accreditation program (MOU between AAE (American Association of Airport executives), IAA & GMR).
- Introduced ICAO mandated training on Global Reporting Format for runway surface conditions for airside professionals.
- Successfully organized the inaugural AAI Inter-zonal Cultural Meet

9.41 REPRESENTATION OF SCS/STS AND OBCS AS ON 31.03.2024

Total No. of Emp.	Total No. of SC Emp.	% of SC Emp.	Total No. of ST Emp.	% of ST Emp.	Total No. of OBC Emp.	% of OBC Emp.
16078	3214	19.99	1409	8.76	4447	27.66

9.42 REPRESENTATION OF PWDS AS ON 31.03.2024

Total No. of Emp.	Total No. of PWD Emp.	% of PWD Emp.
16078	225	1.40

ANNEXURE A**A. FOUNDATION STONE / INAUGURATION OF BUILDING OR FACILITIES FROM 01.01.2023 TO 31.03.2024**

EASTERN REGION		
Project- site/ Airport	Particulars	Date
Port Blair	Inauguration of New integrated terminal building at Portblair Airport by Hon'ble Prime Minister of India.	18.07.2023
Bhubaneswar	Inauguration of Link Building at Bhubaneswar Airport by Hon'ble State Government Sh. V.K Singh.	06.02.2024
NORTH EASTERN REGION		
Project- site/ Airport	Particulars	Date
TEZU	Inauguration of Tezu Airport by Hon'ble Minister of Civil Aviation.	24.09.2023
NORTHERN REGION		
Project- site/ Airport	Particulars	Date
Jodhpur	Foundation stone laid for Development of New Terminal Building of Jodhpur Airport by Hon'ble Prime Minister of India.	05.10.2023
Udaipur	Foundation stone laid for Development of New Terminal Building of Udaipur Airport by Hon'ble Prime Minister of India.	05.10.2023
Project- site/ Airport	Particulars	Date
Kanpur	Inauguration of New Civil Enclave at Kanpur Airport by Hon'ble Minister of Civil Aviation	26.05.2023
Safdarjung	Inauguration of UDAAN Bhawan (office complex of DGCA, BCAS, AERA, AAIB and AAI) by Hon'ble Minister of Civil Aviation.	18.09.2023
Ayodhya	Inauguration of Ayodhya Airport by Hon'ble Prime Minister of India.	30.12.2023
Dehradun	Inauguration of Terminal building Dehradun by Hon'ble Chief Minister of Uttarakhand.	14.02.2024
Gwalior	Inauguration of New Terminal Building at Gwalior Airport by Hon'ble Prime Minister of India.	10.03.2024

Lucknow	Inauguration of New Integrated Passenger Terminal Building at C.C.S. International Airport, Lucknow by Hon'ble Prime Minister of India.	10.03.2024
Adampur	Inauguration of New Civil Enclave at Adampur (Pb.) by Hon'ble Prime Minister of India.	10.03.2024
Aligarh	Inauguration of the Aligarh Airport by Hon'ble Prime Minister of India	10.03.2024
Azamgarh	Inauguration of the Azamgarh Airport by Hon'ble Prime Minister of India	10.03.2024
Chitrakoot	Inauguration of Chitrakoot by Hon'ble Prime Minister of India	10.03.2024
Moradabad	Inauguration of Moradabad airport by Hon'ble Prime Minister of India	10.03.2024
Shravasti	Inauguration of Shravasti airport by Hon'ble Prime Minister of India	10.03.2024
SOUTHERN REGION		
Project- site/ Airport	Particulars	Date
Rajahmundry	Foundation Stone laying for New Terminal Building at Rajahmundry airport by Hon'ble Minister of Civil Aviation	10.12.2023
Kadapa	Construction of New Domestic Departure Terminal Building and Associated works at Kadapa Airport	10.03.2024
Hubli	Construction of New Domestic Terminal Building and Miscellaneous works at Hubli Airport.	10.03.2024
Belgavi	Construction of New Domestic Terminal Building and Miscellaneous Works at Belagavi Airport.	10.03.2024
Project- site/ Airport	Particulars	Date
Chennai	Inauguration of New Integrated Terminal Building (Phase-I) of Chennai International Airport by Hon'ble Prime Minister of India.	08.04.2023
Tiruchirappalli	Upgradation of passenger Terminal Building and Air side facilities at Tiruchirappalli (Trichy) International Airport.	02.01.2024
Hyderabad	Construction of Civil Aviation Research Organization Complex at Begumpet Airport, Hyderabad, Phase-I.	05.03.2024
WESTERN REGION		
Project- site/ Airport	Particulars	Date

Hirasar	Inauguration of Construction of Interim Domestic Terminal Building at New Greenfield Airport Hirasar, Rajkot. Hon'ble Prime Minister	27.07.2023
Surat	Inauguration of Extension of Terminal Building, PTT, Apron and Car Park at Surat Airport by Hon'ble Prime Minister.	17.12.2023
Jabalpur	Inauguration of New Terminal Building at Jabalpur Airport.	10.03.2024
Kolhapur	Inauguration of New Terminal Building at Kolhapur Airport	10.03.2024
Pune	Inauguration of New integrated Terminal Building at Pune Airport.	10.03.2024

B. CAPITAL SCHEMES COMPLETED FROM 01.01.2023 TO 31.03.2024

EASTERN REGION				
Project-site / Airport	Particulars	Completed Cost (Expenditure as on 31.03.2024)	Completion Date	Remarks
Jharsuguda	Construction of 4 nos Apron Bays at Jharsuguda Airport	12.87	Apr-23	
Ranchi	Expansion of Turnpad and fillet for Taxi way	4.98	Feb-23	
Bhubaneswar	Construction of Link Building between Terminal T-1 & T-2 for integrated operations using passenger boarding bridge facility and expansion/renovation work of Terminal T-2 at BPI Airport, Bhubaneswar. SH: Provision of 33 KV Substation and allied works	10.88	Mar-23	
Kolkata	Airside Capacity Enhancement of NSCBI Airport, Kolkata. Extension of F -Taxi track from proposed Bay No. C-13 to 19R & from 19R to 19L, Construction of 03 nos. RET's, 04 nos. Apron, Shoulders and Box Culvert at different locations of NSCBI Airport, Kolkata.	391.78	May-23	

Kolkata	Construction of ATC Tower/Technical Block at NSCBI Airport, Kolkata.	239.58	Dec-23	Engg. Works-30-Dec-23 CNS works-May-24
Port Blair	Construction of NITB and allied works at Port Blair Airport.	696.78	Jun-23	
Port Blair	Construction of New Apron with Link Taxiways at Port Blair.	84.92	Jun-23	
Darbhanga	Strengthening of Runway, Taxi track, Apron and Allied works at Air force Station Darbhanga.	74.58	Jul-23	
Darbhanga	Conversion of Darbhanga Airport from VFR to IFR/ Construction of runway shoulder, RESA & blast pad and C/o CCR room on AAI offices, power house and canteen at Darbhanga Airport.	17.97	Jul-23	
Raipur	Expansion of Turnpad and fillet for Taxi way	8.51	Nov-23	
Kolkata	C/o apron between bay no. 11 & bay no. 48 at NSCBI Airport, Kolkata i) Civil Works	12.45	Dec-23	
Raipur	Upgradation of CAT-I lighting system to CAT-II lighting system at Swami Vivekananda International Airport, Raipur	11.10	Feb-24	
Raipur	Expansion of Apron for 04 nos. of bays i/c link taxi at Swami Vivekananda International Airport, Raipur (Civil & Electrical works	16.33	Mar-24	

NORTH EASTERN REGION

Project-site/ Airport	Particulars	Completed Cost	Completion Date	Remarks
Dibrugarh	Dismantling of existing open drain in operational area and construction of new covered drain at the same location at Dibrugarh Airport	26.73	Mar-23	
Tezu	Development And Operationalization Of Tezu Airport In Lohit District Of Arunachal Pradesh.	167.00	Apr-23	

Dibrugarh	Construction of Hangar at Dibrugarh Airport	13.05	Feb-24	
Dibrugarh	Re-carpeting and merging of Existing Runway- 05 (Flexible) Work with new Rigid Runway Pavement and other allied Works at Dibrugarh Airport.	43.00	Feb-24	
NORTHERN REGION				
Project-site / Airport	Particulars	Completed Cost	Completion Date	Remarks
Muirpur	Demolishing of existing old boundary wall & Construction of RCC framed Structure Boundary Wall at Muirpur Airport, Distt, Sonbhadra, UP.	2.73	Jan-23	
Varanasi	Extension of RESA (CBR 15 to 20 value) both side 240 x 90 m for runway 09 and 212 x 90 m for runway 27 with available RESA of 90 x 90 m at LBSI Airport, Varanasi.	3.25	Jan-23	
Gwalior	Construction of New RCC framed Operation Boundary wall, fencing of existing wall etc. at RVST, Gwalior Airport.	3.46	Mar-23	
Amritsar	Creation of Common User Domestic Air Cargo Terminal (CUDCT) at SGRDJI Airport, Amritsar.	4.35	Apr-23	
Kanpur	Development of Kanpur (Chakeri) Airport	117.34	Jul-23	
Varanasi	Construction of Turn Pad and fillets for Link taxi track for B777-300ER type of aircraft at LBSI airport, Varanasi.	10.66	Jul-23	
Dehradun	Grade correction for existing runway at Dehradun Airport (Major Work)	7.33	Jul-23	
Chandigarh	Construction of 01 no. Security Watch Tower at Chandigarh International Airport Ltd. SH: Civil Works	0.06	Aug-23	
Bareilly	Development of Civil Enclave at Bareilly	18.52	Sep-23	

	SH. Widening and strengthening of Apron at Bareilly.			
Kangra	Construction of boundary wall for newly acquired land and Provision of stone pitching to prevent soil erosion at DVOR site at Kangra Airport.	5.45	Oct-23	
Kangra	Replacement of damaged boundary wall, raising height and filling of wall burgle below plinth for operational boundary wall at Kangra Airport.	4.78	Oct-23	
Varanasi	Construction of new fire station at LBSI airport, Varanasi.	8.18	Nov-23	
Kullu	Resurfacing of Runway Surface at Kullu Airport.	4.87*	Dec-23	
Adampur	Construction of Link Taxi track connecting Apron with runway, widening, strengthening of the existing 'Trishul' taxi track, 'N' link and Allied Civil & Electrical Works inside IAF Area at Adampur Airport.	4.57	Dec-23	
Pantnagar	Levelling and Grading of basic strip and RESA at Pantnagar airport.	2.43	Dec-23	
Gwalior	Construction of Apron & Link Taxi including associated works for Parking of 09 Nos. AB-321 type of aircraft at Gwalior Airport, Gwalior	38.58	Dec-23	
Varanasi	Surface grading, Construction of drainage and rainwater harvesting system for operational area and some part of city side area at LBSI Airport, Varanasi.	5.39*	Dec-23	Final bill under process
Dehradun	Construction of Domestic Passenger Terminal Building at Dehradun Airport	448.04*	Jan-24	Final bill under process
Gorakhpur	Expansion of Passenger Terminal Building at Gorakhpur Civil Enclave, Gorakhpur	14.33*	Mar-24	Final bill under process
Safdarjung	Construction of Combined Operational Offices for DGCA, BCAS, AAIB, AERA & AAI at Safdarjung Airport, New Delhi.	374.98*	Mar-24	Final bill under process

SOUTHERN REGION				
Project-site/ Airport	Particulars	Completed Cost	Completion Date	Remarks
Chennai	Modernization of Chennai Airport, Phase-II (Part-1), Chennai.			
Chennai	SH: Interior, Furnishing, Art work, Horticulture & Landscaping and allied works.			
Chennai	Modernization of Chennai Airport, Phase-II SH: Interior Electrical Lighting Works.			
Chennai	Modernization of Chennai Airport Phase- II. SH: - Provision of Baggage Handling system at Chennai Airport.			
Chennai	Modernization of Chennai Airport, Phase-II. SH: Construction of Road in front of Terminal Building including Internal modified roads in car park area at Chennai Airport Balance Works (Civil)	1260.00	Mar-23	
Chennai	Modernization of Chennai Airport, Phase-II SH: Provision of False Ceiling on City Side and Air Side Canopies in New Terminal Building.			
Chennai	Modernization of Chennai Airport, Phase-II STP Electrical			
Chennai	Additions / Alterations to the existing toilets in Terminal building (Main Work), Chennai Airport.	8.68	Apr-23	
Hyderabad	Construction of Civil Aviation Research Organization Complex at Begumpet Airport, Hyderabad, Phase-I.	296.00	Jun-23	
Coimbatore	Resurfacing of runway at Coimbatore Airport.	41.21	Aug-23	
Puducherry	Extension of Apron at Puducherry Airport	5.26	Jul-23	

Calicut	Runway recarpeting and strengthening and fixing central line lights including allied Civil and Electrical works at Calicut Airport	75.68	Oct-23	
Salem	Expansion of Apron at Salem Airport.	9.74	Nov-23	
Kalaburgi	Development of Kalaburgi Airport. SH : Resurfacing of Runway, Isolation Bay & apron including expansion of Turn pads and Blast Pads at Kalaburgi Airport	28.47	Nov-23	
Tiruchirappalli	Upgradation of passenger Terminal Building and Air side facilities at Tiruchirappalli (Trichy) International Airport. SH: Construction of New Terminal Building, elevated road along-with associated electromechanical, airport system, IT works including comprehensive maintenance and operations.	1112.49	Dec-23	
	Upgradation of passenger terminal building and air side facilities at Tiruchirappalli (Trichy) International Airport			
	S.H - Sewage Treatment Plant (Total Capacity of 1050KLD, constructed in two modules of 525KLD capacity each)			
	Construction of New Integrated Passenger Terminal Building including Elevated roads & other associated works at Tiruchirappalli International Airport, Tiruchirappalli – Tamil Nadu (India) SH: Interior works for VIP & CIP Lounges, Passenger Toilets and Art works including associated Electrical works.			
Trichy	Construction of Surface Car Parking and Associated works at Tiruchirappalli Airport, Trichy.	43.90	Mar-24	
WESTERN REGION				
Project-site / Airport	Particulars	Completed Cost	Completion Date	Remarks
Aurangabad	Extension of Turning Pads and Fillets for link Taxiway for B777-	6.21	Feb-23	

	300ER Type of Aircraft at Aurangabad Airport.			
Jabalpur	GLF and Associated works (Electrical Works)	6.80	Mar-23	
Indore	Construction of Domestic Air Cargo Terminal, Centre for Perishable cargo and associated work at DABH Airport, Indore.	10.57	Apr-23	
Vadodara	C/o ATC Tower cum Terminal block at Vadodara	47.15	Apr-23	
Goa	Additional works construction of Retaining wall, car park, road work and other miscellaneous development works for CISF Bachelor accommodation at C.E, Goa.	12.55	May-23	
Juhu	Development of Heliport at Juhu Airport	6.11	May-23	
Bhavnagar	Recarpeting of Runway at Bhavnagar Airport	16.53	Jun-23	
Bhavnagar	Recarpeting of Runway at Bhavnagar Airport	16.53	Jun-23	
Juhu	Construction of residential quarters in AAI – PHHL colony at Juhu Airport.	39.80	Jun-23	
Gondia	Resurfacing of Runway at Birsi Airport, Gondia	11.41	Jun-23	
Jamnagar	Construction of Terminal building, hangars and expansion of apron at C.E. Jamnagar. SH: Balance work of extension of apron and construction of shoulder and GSE area	5.11	Jul-23	
Bhopal	Widening of perimeter road at various locations and construction of new Link road	5.74	Jul-23	
Bhavnagar	Construction of Isolation Bay at C.A Bhavnagar	4.66	Jul-23	
Pune	SITC of PBB's at Pune Airport (Indore)	14.70	Sep-23	
Pune	Construction of heritage Art Work in façade along Z Grid of the new canopy in front of NITB Building	11.30	Dec-23	

Pune	Construction of New integrated Terminal Building at Pune Airport.	475.39	Dec-23	
Bhopal	Construction of ATC Tower, fire station, anti-shop, emergency medical at Raja Bhoj Airport, Bhopal.	38.41	Jan-24	
Gondia	Construction of Operational Boundary Wall at extended portion of Runway 22 and DVOR at Birsi Airport, Gondia.	5.16	Feb-24	

C. CAPITAL SCHEMES UNDER PROGRESS FROM 01.01.2023 TO 31.03.2024

EASTERN REGION			
Project-site/ Airport	Particulars	Approved Cost	PDC
Darbhanga	Development of Darbhanga Airport SH: Expansion of Existing Pre-Engineered Terminal Building i/c Civil, Electrical, Fire Fighting, HVAC/VRF, Airport System, IT System, Car Parking & Roads, Boundary Wall, City Side Development & Other Associated Works including modification in existing terminal building on design & build basis.	47.09	Apr-24
Patna	Construction of New Domestic Terminal Building and other structures (Phase I and II) at Patna Airport.	1216.90	Dec-24
Patna	Construction of State Govt. Hangars, Flying Club Building, VIP Lounge Building and other associated works at Patna Airport		
Patna	Construction of ATC control block, Technical Block fire station & cargo block at Patna Airport		Work completed on 30.06.2023
Patna	Recarpeting of Runway, Taxiway, Shoulders, Apron, C/o Parallel Taxi Track, Isolation bay, Taxiway link to new apron (in front of hangar) to RWY and allied works at Patna Airport	95.11	May-24
Ranchi	Provision of CAT-II Lighting System at Birsa Munda Airport, Ranchi.	10.70	Apr-24

Ranchi	Construction of Parallel Taxi track (PTT), Rapid Exit Taxi way (RET) at Birsa Munda Airport, Ranchi.	117.20	Jan-25
Bhubaneswar	Construction of link building at Biju Patnaik International Airport, Bhubaneswar.	87.21	May-24
Bhubaneswar	Provision of 4 MWP (DC) ground mounted solar power plant, Bhubaneswar.	41.24	Apr-24
Bhubaneswar	Construction of Parallel Taxi Track (PTT), Rapid Exit Taxi way (RET) and Apron for parking of 08 nos. Code C Aircrafts at Biju Patnaik International Airport, Bhubaneswar. SH: Construction of PTT and RET (Phase-II).	52.77	May-24
Bhubaneswar	Conversion of Category I Lighting to Category III Lighting System & Resurfacing of Runway at BPI Airport, Bhubaneswar. SH: Conversion of Category I Lighting to Category III Lighting System	21.98	Apr-24
Bhubaneswar	Conversion of Category I Lighting to Category III Lighting System & Resurfacing of Runway at BPI Airport, Bhubaneswar. SH: Resurfacing of Runway (Re-Call)	80.60	Apr-24
Pakyong	Widening of basic strip at Pakyong Airport i/c slope stabilization balance work of uphill and developing the Storm Water drainage system.	323.26	Jun-26
Kolkata	Re-Construction of Rigid portion of Sec. RWY, 'K' & 'A' taxi	328.30	Oct-25
Kolkata	Capacity Enhancement at Integrated Passenger Terminal Building at NSCBI Airport, Kolkata	109.07	Jul-25
Kolkata	Construction of Common User Domestic Cargo Terminal (CUDCT) at NSCBI Airport, Kolkata. SH: Construction of a subway/ underpass across VIP road from Airport Operational area to AAI Residential colony at NSCBI Airport, Kolkata. (Deposit work)	229.43	Jun-25
NORTH EASTERN REGION			
Project-site/ Airport	Particulars	Approved Cost	PDC
Hollongi / Itanagar	Construction of New Greenfield Airport at Hollongi	645.63	Airport has been inaugurated on

			19.11.2022 with Interim Terminal Building. PDC for regular Terminal Building is Jun-2024
Dibrugarh	Construction of Technical block cum control tower at Dibrugarh Airport	44.28	Jun-24
Imphal	Construction of hangar and other associated works at Imphal Airport.	35.90	Dec-24
Imphal	Construction of International cargo terminal at Imphal Airport.	16.96	Jun-24
Imphal	Extension of Turn pad & fillets and Strengthening of TWY C at Imphal Airport.	17.05	Jun-24
Imphal	Construction of New Integrated Terminal Building, Control Tower Cum Technical Block, Apron, Link Taxiway and Associated works at Imphal International Airport, Imphal, Manipur	499.00	Mar-25
Imphal	Construction of New standard of fire pit and augmentation of fire station hard stand including approach road at Imphal Airport	12.70	Jun-24
Imphal	Construction of Operational area Storm water drain & grading of basic strip at Imphal Airport.	91.06	Dec-24
Barapani	Construction of new ATC tower cum fire station (balance work) at Barapani Airport	8.92	Jun-24
Dimapur	Modification/Expansion for Capacity Enhancement of Passenger Terminal Building, Dimapur Airport, Nagaland.	26.36	Nov-24

Agartala	Construction of Boundary wall at Khowai Airport	12.77	Oct-24
Agartala	Re-Carpeting of Runway, Taxiways, Grading of Operational Area, Development of Drainage System And Associated Works (Civil & Electrical) at M.B.B.Airport, Agartala	93.76	Sep-24
NORTHERN REGION			
Project-site/ Airport	Particulars	Approved Cost	PDC
Safdarjung	Construction of Boundary Wall at Safdarjung Airport	8.51	Apr-24
Hisar	"Development of Integrated Aviation Hub at Hisar Airport Phase-2 work. SH: Provision of Compact Substation and Power Supply for Nav-Aids Installations and MET Parks."	7.58	May-24
Jammu	Construction of Boundary Wall at Belicharana side for new Terminal Building at CA Jammu.	10.20	Apr-24
	Construction of New Civil Enclave at Jammu Airport	861.37	Jun-26
Kullu	Construction of RCC Boundary Wall in Operational Area along Beas River side at Kullu Manali Airport.	7.78	Dec-24
Leh	Construction of New Terminal Building at Leh Airport.	640.00	Oct-24
	Construction of Terminal Building & associated works at Leh Airport. SH: SITC of additional Elevators & Escalators		
	Construction of Terminal Building & associated works at Leh Airport. SH: Provision Of Baggage Handling System along with CT-EDS.		
	Construction of Terminal Building & associated works at Leh Airport. SH: Provision of structural glazing system in the New Terminal Building		
Gwalior	Construction of Terminal Building, Ancillary Buildings, Car Parking, City side Development & other associated works at Gwalior Airport	446.12	Apr-24

	Expansion of Civil Enclave at Gwalior Airport. SH: Construction of City Side vehicular approach road, internal vehicular roads, drainage system, Operational Boundary Wall, Rain Water Harvesting and other associated works at Gwalior Airport"		
	Provision of Baggage Handling System along with CT-EDS.		
Khajuraho	Recarpeting and raising on 4th quarter of Runway 19 side at Khajuraho Airport.	10.00	Jul-24
Amritsar	SITC of In-line Baggage Handling System including modification of existing Departure Conveyer System for installation of CTx System at Amritsar Airport.	10.78	Apr-24
Jodhpur	Construction of New Apron at Jodhpur Airport (Balance portion) Phase - II	16.65	Apr-24
	Construction of New Terminal Building at Jodhpur Airport	480.00	Nov-24
Kishangarh	Construction of drainage system at Kishangarh Airport.	8.40	May-24
Jaisalmer	SITC of PBB & AVDGS system at Jaisalmer Airport.	3.42	Apr-24
Udaipur	Construction of New Integrated Passenger Terminal Building at Udaipur Airport	887.00	Mar-26
Ayodhya	Development of Ayodhya Airport, Uttar Pradesh. SH: Pavement, Grading and other works in operational area on Design & Build Basis (EPC)	328.98	Completed - Dec-23
	Development of Ayodhya Airport. SH: Providing and fixing of Glass fibre reinforcement concrete.		Completed - Jan-24
	"Development of Ayodhya Airport.Sh. Construction of Pre-Engineering Building (PEB) and other associated works on Design & Build Basis (EPC)		Apr-24
	Construction of Boundary wall around Phase-III at Ayodhya Airport, Ayodhya.		Jun-24
Prayagraj	Development of New Terminal Building, Expansion of Apron, Second Link Taxi Track at Prayagraj Airport.	185.75	Nov-24
Saharanpur	Development of Sarsawa (Saharanpur) Airport on Design and Build Basis, SH Construction of Pre-Engineered Terminal Building and Associated Works	80.00	Apr-24
	"Development of Sarsawa (Saharanpur) Airport.		

Fursatganj	Development of Fursatganj Airport at Uttar Pradesh for RCS Operations SH: Construction of Pre-Engineered Terminal Building, i/c Civil, Electrical, Plumbing, Fire Fighting, HVAC, Airport System, IT System, Art Works, Ancillary Buildings, Car Parking, City Side Development & Other Associated Works on Design & Build Basis.	25.24	May-24
	Development of Fursatganj Airport at Uttar Pradesh for RCS Operations. SH: Construction of Apron, Taxi Track and associated works		
Dehradun	Construction of additional surface car parking and associated works at Dehradun Airport.	8.06	Apr-24
SOUTHERN REGION			
Project-site/ Airport	Particulars	Approved Cost	PDC
Vijayawada	Construction of NITB including Apron, ATC Tower and associated works at Vijayawada Airport.	611.80	Jun-24
Vijayawada	Construction of ATC Tower Cum Technical Block at Vijaywada Airport	73.63	Apr-25
Tirupati	Construction of ATC tower cum Technical Block at Tirupati Airport	58.64	Jan-25
Rajahmundry	Construction of New Domestic Terminal Building and miscellaneous works including Maintenance, Operation and AICMC at Rajahmundry airport	347.15	Aug-25
Calicut	Reconstruction of security compound wall PH-III at Calicut Airport	23.72	May-24
Chennai	Modernization of Chennai Airport (Phase-II), (Part-II) Chennai Airport.	1207.00	Jul-25
Chennai	Modernization of Chennai airport Phase-II), Chennai. SH : Design, Manufacture, Supply, Installation, Testing and Commissioning of Signages		
Chennai	Construction of Balance Portion of 2 Nos. Rapid Exit Taxiways (RET) for the main runway 07/ 25 merging with B- taxi track (beyond Critical portion of runway) and resurfacing between Taxiway-D and taxiway	66.18	May-24

	-M and associated works at Chennai Airport, Chennai.		
Chennai	Reconstruction and strengthening of 'H' taxi track, 'E' taxi track for code 'E' aircraft operations, Construction of link taxi track from RET – M to 'H' taxi track in domestic apron, resurfacing of secondary runway and allied works at Chennai Airport, Chennai.	53.66	Apr-24
Chennai	Construction of balance portion of Link taxiway's 'N1' and 'F' connecting with B taxi, Resurfacing of B taxi way Between 'K' taxiway to 'M' taxiway and construction of cargo bays in the Old ceremonial lounge and Air India Cargo location at Chennai Airport, Chennai	97.60	May-24
Chennai	Modification of Storm Water Drain in operational area at Chennai Airport.	209.10	Aug-25
Chennai	Construction of Residential Quarters at Chennai Airport.	200.00	Jun-24
Madurai	Construction of Technical block cum ATC Tower at Madurai Airport.	99.02	Jun-24
Madurai	Construction of Pre-Cast Operational Boundary Wall, Property Wall at Madurai Airport	98.25	May-24
Trichy	Construction of New ATC Tower cum Technical Block & Utility/Service Block including Operation & Routine Maintenance and all Inclusive Comprehensive maintenance contract (AICMC) at Trichy Airport.	80.17	Mar-25
Tuticorin	Development of Tuticorin Airport: Extension of Runway With Blast Pad, RESA, Taxiway, Apron, GSE Area, Isolation Bay and miscellaneous Works.	380.87	Jul-24
Tuticorin	Construction of New Terminal Building, ATC Tower cum Technical Block, Fire Station and Associated works including Maintenance, Operation and AICMC at Tuticorin Airport.		
Hyderabad	Resurfacing and Strengthening of runway at Begumpet Airport. SH: Resurfacing of runway and other pavement works at Begumpet Airport, Hyderabad	69.07	May-24

Agatti	Development of Agatti Airport SH: Re-surfacing of Runway at Agatti Airport.	33.71	May-25
Various Airport	Design, Manufacture, Supply, Installation, Testing & Commissioning (DMSITC) of Apron Drive Glass Walled Passenger Boarding Bridges (PBB) and Advanced Visual Docking Guidance System (AVDGS) for Various Airports in India.	172.33	Work Awarded on 04.12.2023
Kadapa	Construction of New Domestic Departure Terminal Building and Associated works at Kadapa Airport	265.91	Jan-26
Hubli	Construction of New Domestic Terminal Building and Miscellaneous works at Hubli Airport.	320.47	Jan-26
Belgavi	Construction of New Domestic Terminal Building and Miscellaneous Works at Belagavi Airport.	322.45	Feb-26
Calicut	Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport. SH: Construction of embankment with slope protection, drainage system and associated works for additional RESA on either end on Runway 10-28.	484.57	Sep-25
Chennai	Refurbishing of T1 & T4 for Capacity Enhancement at Chennai Airport	81.80	Nov-24
WESTERN REGION			
Project-site/ Airport	Particulars	Approved Cost	PDC
Bhopal	Upgradation of Existing CAT-I to CAT-II Approach Lighting System (Runway 30) at Raja Bhoj Airport, Bhopal.	13.13	May-24
Bhopal	Civil works related to installation of CAT-II facilities i/c ext. of RESA at runway 30, extension of basic strip towards 3 EME centre with construction of boundary wall, perimeter road and other works at Bhopal Airport.	14.92	Apr-24
Datia	Development of DATIA Airport for operation of 19 seater Aircraft. SH: Pavement Works'	44.67	Apr-24
Datia	Development of DATIA Airport for operation of 19 seater Aircraft. SH: Detailed Designing, Engineering, Procurement and Construction of Terminal Building, ATC Tower and other associated works		

Dholera	Development of New Greenfield Airport at Dholera, Ahmedabad (Gujarat).	1305.00	Dec-25
Goa	Extension of Existing Integrated Terminal Building at Goa Airport.	255.69	Dec-24
Indore	Construction of ATC tower & Fire station at Indore Airport.	86.61	May-24
Jabalpur	Upgradation of Jabalpur Airport for AB-320 type of aircraft SH. New Terminal building and ATC Tower.	412.24	Apr-24
Jabalpur	PBB for Jabalpur Terminal Building		Work completed Sep-2023
Jabalpur	Upgradation of Jabalpur Airport for AB-320 type of aircraft SH: Extension of Runway, Construction of New Apron, Taxi Track & Isolation bay i/c Link taxi, GSE area, Perimeter road & allied works (civil & elect).		Work completed Jun-2022
Jabalpur	Upgradation of Jabalpur Airport for AB-320 type of aircraft SH: Balance work to commission extension of runway i/c retaining wall, RESA etc. at Jabalpur Airport, Jabalpur		Work completed Dec-21
Kolhapur	Construction of New Domestic Terminal Building, ATC Tower cum Technical Block cum Fire Station and Associated works at Kolhapur Airport.	255.68	Apr-24
Kolhapur	Construction of balance operational boundary wall, fire pit, cooling pit, overhead tank and underground static tank at Kolhapur Airport.		May-24
Kolhapur	Extension of Runway with Blast Pad, Taxiway, RESA, Resurfacing of Existing Runway and other Associated works at Kolhapur Airport. SH: Additional works for extension of runway.		Work completed July-22
Kolhapur	Extension & Strengthening of Runway, Apron & associated work at Kolhapur Airport.		Work completed Jun-22
Rajkot	Construction of Greenfield Airport Hirasar, Rajkot Detailed Designing, Engineering, Procurement and Construction of Runway, Basic Strips, Turning Pads, Taxiways, Apron, Perimeter & Other Roads etc.	1405.00	Work Completed - July 23
	Construction of Interim Domestic Terminal Building at New Greenfield Airport Hirasar, Rajkot.		Airport has been inaugurated on

			27.07.2023 with Interim Terminal Building.
	Construction of Passenger Terminal Building and allied works including maintenance, operation and AICMC for New Greenfield Airport at Hirasar, Rajkot, Gujarat, India		May-24
Rewa	Development of Rewa Airport, Madhya Pradesh	41.89	Apr-24
Rewa	Extension of Runway, C/o Apron, Taxiway, Perimeter Road, Approach Road and associated works.	48.86	Apr-24
Surat	Extension of Terminal Building at Surat Airport.	353.25	Work completed 27.09.2023. Terminal Building inaugurated on 17.12.2023 by Hon'ble Prime Minister
	Extension of Apron and construction of Parallel Taxi Track at Surat.		May-24
	Construction of Canopy in front of terminal building at Surat Airport.		Work completed 05.01.2024
Solapur	Development of Solapur Airport for VFR Operations. SH: Re-carpeting of Runway and Taxiway, Extension of Existing Apron, Perimeter Road and operational drain work at Solapur Airport	64.94	Jul-24
Satna	Development of Satna Airport for 19 Seater Aircraft. SH: Re-surfacing of Runway, Construction of Apron, Blast Pad, GSE Area, Link Taxiway, Approach road from Fire Station, City side roads & Car Park etc.	36.96	Apr-24
	Development of Satna Airport for 19 Seater Aircraft. SH: Detailed Designing, Engineering, Procurement and Construction of New Passenger Terminal Building cum ATC Tower, ESS Building, Fire Station & Fire Pit, Boundary Wall and Cooling Pit and Associated Electrical Works including Maintenance, Operation & AICMC		Apr-24
Vadodara	Resurfacing of Runway and Taxiway at C.A. Vadodara.	25.83	Apr-24

D.PROJECTS UNDER PLANNING FROM 01.01.2023 TO 31.03.2024

EASTERN REGION		(Amount in ₹ Crores)
Project-site / Airport	Particulars	Cost
Bagdogra	Development of New Civil Enclave at Bagdogra Airport.	1549.00
Darbhanga	Development of New Civil Enclave and associated works at Darbhanga Airport	911.66
Purnea	Development of New Civil Enclave at Purnea	424.00
Bhubaneswar	Construction of New Domestic Terminal [T3] Building at Bhubaneswar Airport	955.31
Kolkata	C/o New CISF complex at Narayanpur side, NSCBI Airport Kolkata	76.54
Kolkata	Resurfacing of Primary runway at NSCBI Airport, Kolkata.	70.37
Patna	Construction of New Domestic Terminal building and other allied structures (Phase-I & II) at JPNI Airport, Patna. SH: Construction of apron (Phase-III) at Patna Airport.	31.63
Patna	Construction of IMD Building, Medical Center and G+3 Multipurpose Building at Patna Airport. (Civil & Electrical Works).	29.77
Bihta	Development of New Civil Enclave at Bihta	1453.00
NORTH EASTERN REGION		(Amount in ₹ Crores)
Project-site / Airport	Particulars	Cost
Silchar	Coinstruction of New Greenfield Airport at Doloo, Silchar, Assam.	1400 (Estimated)

NORTHERN REGION		(Amount in ₹ Crores)
Project-site Airport	Particulars	Cost
Hisar	Deposit work from Civil Aviation Department (CAD), Govt. of Harayana for development of Integrated aviation hub (IAH) at Hisar	560.00
Jammu	Construction of New Civil Enclave at Jammu Airport (Phase-I).SH: Construction of Apron and associated works for parking of 13 Nos. AB- 321 type of Aircraft	57.60
Kota	Construction of Greenfield Airport at Kota.	328.00
Agra	Construction of New Terminal Building at Agra Airport	579.00
Varanasi	Construction of New Terminal Building at Varanasi Airport	2869.65
Ayodhya	Development of Ayodhya Airport (Phase-II) SH: Construction of New Terminal Building, Ancillary Buildings, Car Parking, City side Development & other associated works at Ayodhya Airport.	1625.00
Srinagar	Construction of New Integrated Terminal Building and Allied works i.e. Extension of Apron, Residential Quarters for AAI staff, CISF Barracks at Srinagar Airport.	1788.00
Gorakhpur	Development of Civil Enclave at Gorakhpur Airport.	789.00
Dehradun	Augmentation of drainage system at Dehradun Airport.	25.44
Thoise	Development of New Civil Enclave at Thoise (Ladakh).	130.70
Halwara	Development of Civil Enclave Halwara Airport.	425.00

SOUTHERN REGION		(Amount in ₹ Crores)
Project-site / Airport	Particulars	Cost
Chennai	Construction of 8 Nos. RET 's for runway 07-25 and Link Taxi Track -K1 at Chennai Airport	257.64

WESTERN REGION		(Amount in ₹ Crores)
Project-site / Airport	Particulars	Cost
Kandla	Construction of New Domestic Terminal Building at Kandla Airport	71.92
Nagpur	Re-carpeting of Runway, Taxiway and Isolation Bay (Civil & Electrical works) at DBAI Airport, Nagpur.	61.98
Keshod	Extension of Runway, New Domestic Terminal Building with Parking, Apron with GSE Area, Link Taxi, AT Tower cum Technical Blok & Fire Station, Isolation Bay and Miscellaneous Works at Keshod Airport.	363.10
Bhopal	Construction of PTT and rapid exit taxiway at Raja Bhoj Airport, Bhopal	140.00

10. AI ASSETS HOLDING LIMITED (AIAHL) & ITS SUBSIDIARIES

10.1 AI ASSETS HOLDING LIMITED (AIAHL)

10.1.1 INTRODUCTION

AI Assets Holding Limited is a 100% Government of India (GOI) Company, incorporated by the GOI as a Special Purpose Vehicle (SPV) for the purpose of disinvestment of Air India with the objects, inter-alia, to warehouse accumulated working Capital Loans not backed by any asset along with four Subsidiaries AI Airport Services Limited (AIASL), Alliance Air Aviation Ltd. (AAAL), AI Engineering Services Ltd (AIESL) and Hotel Corporation of India Ltd. (HCI), non-core assets and other non-operational assets of Air India Ltd.

The Board of Directors comprises of the Chairman and Managing Director AIAHL and representatives from the Ministry of Civil Aviation, Ministry of Finance and DIPAM.

AIAHL has shifted its Registered Office from Indian Airlines Building, 113 Gurdwara Rakabganj Road, New Delhi-110001 to 2nd floor, AI Administration Building, Safdarjung Airport, New Delhi-110003 in the month of October 2023.

10.1.2 AUTHORIZED AND PAID UP CAPITAL

The Authorized Share Capital of the Company is Rs. 7,00,00,00,00,000 divided into 70,00,00,00,000 equity shares of Rs. 10/- each as on 31st March 2024. The Issued, Subscribed & Paid-up Share Capital of the Company was Rs. 6,29,65,45,00,000 divided into 62,96,54,50,000 equity shares of Rs. 10 each as on 31st March 2024.

10.1.3 FINANCIAL PERFORMANCE (STANDALONE) (Rs. In million)

Particulars	FY 2022-23 Amount (provisional)	FY 2021-22 Amount
Total Income	12262.46	19941.37
Total Expenses	17774.62	30516.04
Profit/(Loss) before tax	(5512.16)	(10574.67)
Tax Expense		
1. Current Tax	-	-
2. Provision for income tax	-	-
Profit/(Loss) for the year	(5512.16)	(10574.67)

The Financial Statements for FY 2022-23 is under CAG Audit.

10.1.4 NON-CONVERTIBLE DEBENTURES (NCDS)

The Company has issued Government of India guaranteed, three series of Non-Convertible Debentures (NCDs) aggregating to Rs.219,850 million to refinance the identified debts of Air India Limited. NCDs are serviced from the budgetary support/grant funds for principal repayments and interest payment. Out of the three series, Series-1 NCDs of Rs. 70,000 million matured and redeemed on 16th December 2022 from Government grant fund. Series-2 and Series -3 NCDs aggregating to Rs. 149,850 million are due for redemption in October 2029.

10.1.5 SUBSIDIARY COMPANIES

Pursuant to the strategic disinvestment of the Air India Limited in FY 2021-22, the shares of following Subsidiaries have been transferred to AI Assets Holding Limited from Air India Limited.

AI Airport Services Limited	Wholly Owned
AI Engineering Services Limited	Wholly Owned
Alliance Air Aviation Limited	Wholly Owned
Hotel Corporation of India Limited	Company holds 80.38% Equity shares of Hotel Corporation of India Limited and remaining 19.62% Shares are held by the President of India

10.1.6 ASSET MONETIZATION

Brief Statement of Activities carried out during the FY 2023-24 is as under:

Concluded Sale of two units of properties through e-auction in Delhi and Kolkata, one property at Khaikhali, Kolkata and one property at Mangaluru. Sale Purchase Agreement executed. Gross Sale Value- Rs.34.11 crore approx.

Compensation of Rs. 9.94 lakh approx. received against surrender of one property at Siliguri. The property is yet to be handed over.

Compensation of Rs.33.63 lakh approx. received against surrender of one property (08) flats at Bhopal the property handed over on 23.02.2024.

Compensation of Rs.2.89 crore, received against surrender of one property at Dibrugarh.

The following two properties returned back to Govt. of Odisha after obtaining the requisite approvals from AIAHL Board and Oversight Committee.

- Residential Land & Bldg. for E-Type Staff Quarters, Unit-VIII, New Capital Area, Bhubaneswar, Odisha.
- City Booking Office, Plot No. 8, Type-VII/2-7, Unit -I, New Capital Area, Bhubaneswar, Odisha..

Surrender of one property i.e., CBO, Sy. No. 2309/5, Aberdeen Village, Tagore Road, Port Blair. (Land area-1700 sq. mtrs.) to Govt. of Port Blair is underway.

Surrendered following Buildings/ Structures under Schedule II B of RFA at various Airports to Airport Operators against a total compensation of Rs. 1.54 cr. approx.

- CCTH, Begumpet Airport, Hyderabad to AAI
- Buildings/ Structures at HAL Bengaluru to AAI
- Buildings/ Structures at T-1, IGI Airport, Delhi handed over to DIAL
- AI Colony, Dum Dum Airport, Kolkata to AAI

Various Buildings/Structures surrendered to MIAL at NTB, NITC, OAP at Mumbai Airport at Rs. 23.39 crore approx.

AISAM has approved the sale of Air India Building, Nariman Point to Govt. of Maharashtra at sale price of Rs. 1601/- crore.

10.1.7 MEDICAL FACILITIES TO AI RETIREES

Government of India decided to extend medical facilities to eligible Air India (AI) retirees and their spouses (including eligible retirees of AIESL and AIASL) through CGHS. Approx. 48800 CGHS beneficiary cards have been issued to AI eligible retirees and their spouses to enable them to avail medical facilities. OPD facilities through CGHS Wellness Centres and IPD facilities through CGHS empaneled hospitals have been extended to the beneficiaries.

10.1.8 DISINVESTMENT

Government of India has initiated disinvestment exercise for three

subsidiaries of the Company- AI Engineering Services Ltd., AI Airport Services Ltd. and Alliance Air Aviation Ltd. Roadshows in this regard have been conducted by DIPAM.

10.1.9 MANPOWER

The Company has recruited essential minimum manpower to manage the day-to-day activities. There are 15 Fixed Term Contractual employees as on the date and 07 employees are on deputation from Subsidiary Companies as on 31st March 2024.

10.1.10 POLLUTION CONTROL

All possible steps are being taken to control pollution in AIAHL. The office premises are always kept neat and tidy. Smoking is strictly prohibited in the office premises. Plants have been kept to make the environment clean and green. However, AIAHL is not involved in any pollution generation activity.

10.1.11 WOMAN WELFARE

The Company takes care of the Special needs of the woman employees at work place, which include safe work environment, leaves and other facilities. As per the provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and rules framed thereunder, the Company has in place, an Internal Complaint Committee (ICC) for prevention, prohibition and redressal of Sexual harassment at work place. Company has conducted POSH Training session of ICC members of the company and its Subsidiaries on 21st September 2023.

10.1.12 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESS MACHINERY.

AIAHL has designated Officer for handling Public Grievances and to ensure timely disposal of grievances received by the Company.

10.1.13 SCHEDULED CASTE/SCHEDULED TRIBE/OTHER BACKWARD CLASS AND MINORITY REPRESENTATION IN EACH GROUP IN AIAHL

In AIAHL, DoPT directives are followed while making recruitment. In all the selection committees, a member from SC/ST/OBC and Minority community is also nominated. Currently AIAHL has only 15 Fixed Term Employees on its rolls. Out of 15, only 01 employee belongs to SC community.

10.1.14 VIGILANCE ACTIVITIES

The Vigilance Department, AIAHL strives to achieve the goal of “Zero Corruption” in AIAHL & its subsidiaries companies by collective participation of each & every employee by adhering to the highest standards of ethical behavior at workplace.

The Vigilance Department, AIAHL is being headed by Chief Vigilance Officer Sh. Amal Garg (IRS: Batch 1995) since 26.04.2022. Vigilance Department has been persistently working towards making Anti-corruption measures more effective with Preventive Vigilance as a key thrust area.

The role and functions of the Vigilance Department, AIAHL are in accordance with the Central Vigilance Commission's (CVC) Vigilance Manual, which includes preventive, punitive, and surveillance & detection aspects.

This year, as per CVC directive, Vigilance Awareness Week 2023 was observed in AIAHL & its subsidiaries companies from 30th October 2023 - 5th November 2023 with the following theme:

“Say no to corruption; commit to the Nation”.

As a prelude to VAW-2023, a three-month Campaign (16th August 2023 – 15th November 2023) was celebrated across AIAHL and its subsidiaries with following Preventive Vigilance measures as focus areas:

- i. Awareness building about Public Interest Disclosure and Protection of Informers (PIDPI) Resolution.
- ii. Capacity Building Programmes
- iii. Identification and implementation of Systemic Improvement measures
- iv. Leveraging of IT for complaint disposal
- v. Updation of Circulars / Guidelines / Manuals

10. 2 AI AIRPORT SERVICES LIMITED

10.2.1 INTRODUCTION

AI Airport Services Limited (AIASL) was operationalized in February 2013 and commenced its autonomous operations from F.Y 2014-15. The Company since its stand-alone operationalization has been a profitable company excepting the FY 2020-21. During the FY 2020-21, the operations of the Company were majorly affected due to the advent of the COVID-19 pandemic. However, the company was turned around to make profits from the next FY 2021-22 onwards, and continued its profitability, in the FY 2022-23, the Company earned a profit of Rs.783.14 Million.

AIASL has the largest inventory of Ground Support Equipment (GSE) and skilled expertise and experienced manpower resources, capable of rendering ground

Handling (GH) services, covering all types of passenger & freighter aircraft up to A380, A350 & 777 Max.

AIASL has the largest ground handling presence for providing ground handling and related services at 114 airports in India, including serving the highest altitude snow-clad airport at Leh & Thoise, the desert airfield at Jaisalmer, Island airports in Agatti & Port Blair, and table-top airport at Calicut & Kannur over the complete network. AIASL presence can be seen in the chart below:



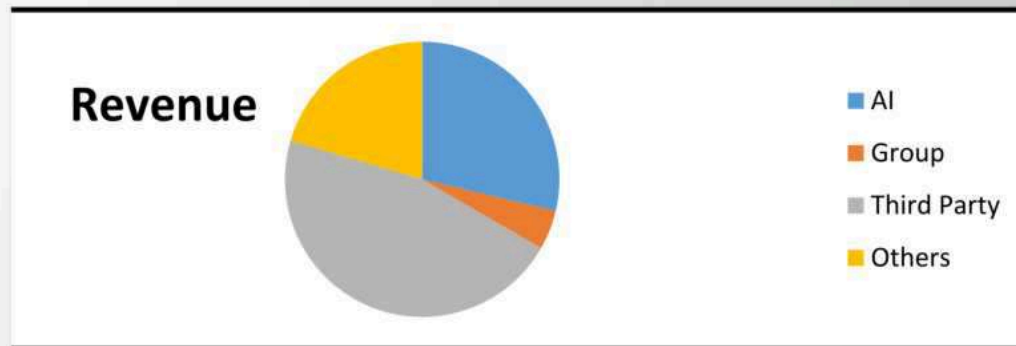
10.2.2 PERFORMANCE OF THE COMPANY

Financial

During FY 2022-23, the total revenue of the Company was Rs.9,322.98 million as against the total restated revenue of Rs.7,220.56 million during FY 2021-22. The total expenses were Rs. 8350.01 million as against restated expenses of Rs. 7,333.29 million during FY 2021-22. Profit earned before tax during the year ended 31st March 2023 was Rs.972.97 million against the restated figure of Loss before Tax of Rs.112.73 million during FY 2021-22. The Net profit earned during the period was Rs.783.14 million as against the restated Net Profit of Rs.59.96 million during FY 2021-22.

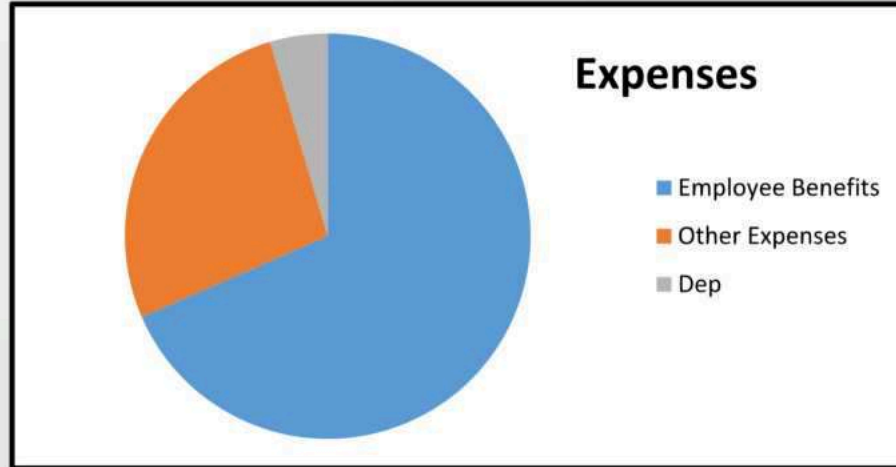
Further financial Performance for the period from 01.01.2023 to 31.03.2024 duly supported by the chart is given below:

Total Revenue from 01.01.2023 to 31.03.2024 (Amount in Rs Crores) (Provisional)



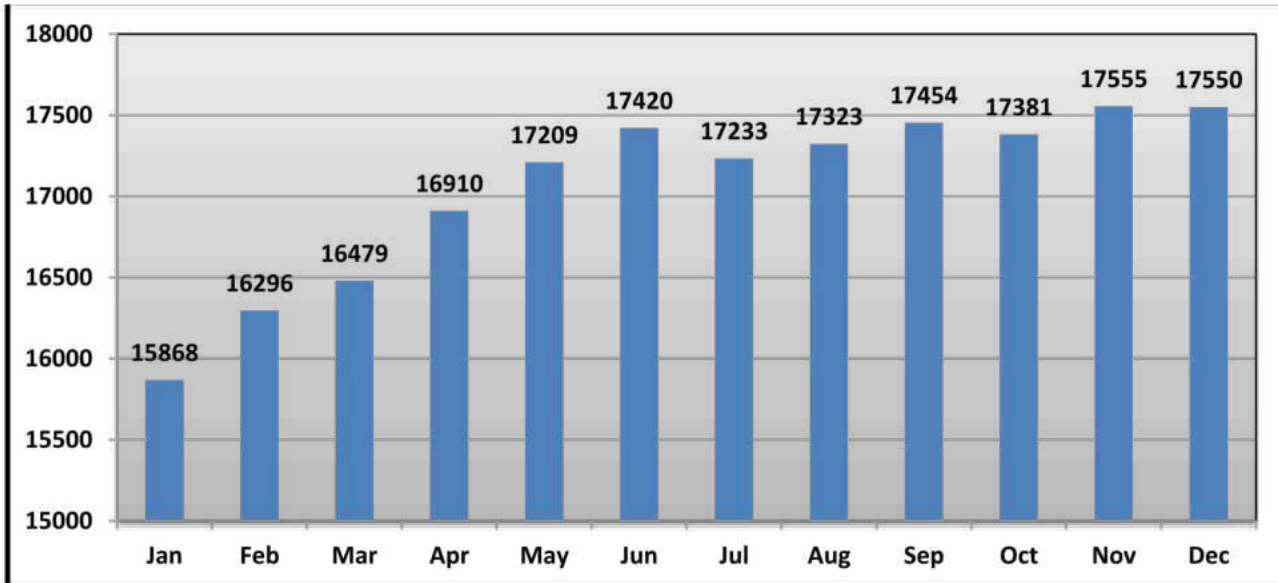
Air India -	Rs. 311.76 Cr
Group Companies -	Rs. 50.31 Cr
Third Party -	Rs. 501.66 Cr
Other -	Rs. 222.31 Cr

Total Expenses from 01.01.2023 to 31.03.2024 (Amount in Rs Crores) (Provisional)



Employee Benefit - Rs 713.97 Cr
 Other Expenses - Rs 280.73 Cr
 Depreciation - Rs 48.02 Cr

Detail of manpower month-wise:-



Operational

CALENDER YEAR DATA (01.01.2023 TO 31.12.2023): AIASL handled 116540 flights (AI Group Flights & Alliance Air) during the calendar year i.e. 01.01.2023 to 31.12.2023. Similarly, AIASL handled 69117 flights of Scheduled Client Airlines during the calendar year i.e. 01.01.2023 to 31.12.2023, and also handled 21895 flights of Non- Scheduled Operators & 481 Flights for HAJ operation during the calendar year i.e. 01.01.2023 to 31.12.2023 (provisional figures).

FINANCIAL YEAR DATA (01.04.2023 TO 31.03.2024): AIASL handled 116567 flights (AI Group Flights & Alliance Air) during the financial year i.e. 01.04.2023 to 31.03.2024. Similarly, AIASL handled 56861 flights of Scheduled Client Airlines during the financial year i.e. 01.04.2023 to 31.03.2024 and also handled 21105 flights of Non- Scheduled Operators & 410 Flights for HAJ operation during the financial year i.e. 01.04.2023 to 31.03.2024 (provisional figures).

In the current scenario, Ground handling (passenger, ramp, and cargo) is provided to 6 Indian scheduled airlines (including AI Group – Air India & Air India Express flights); 4 Regional Airlines (including Alliance Air flights); 1 domestic cargo airline; 73 foreign scheduled airlines, 4 seasonal charter airlines and 22 foreign airlines availing (APEDA) perishable cargo handling apart from Non-Scheduled handling.

AIASL is having a Joint Working Group (JWG) arrangement, in association with M/s HAL at HAL Airport, BLR to handle all the Defense aircraft at that airport. AIASL is also ready to handle A-321 aircraft, recently acquired by DRDO/IAF from Air India, for transporting Defense Personnel across the network.

Cargo Warehouse Management at MAA & BOM:

- AIASL manages and operates International Cargo Warehouses at both Mumbai and Chennai Airports on behalf of Indian Customs. With continuous efforts, AIASL has secured Regulated Agent (RA) status from BCAS for its Chennai Cargo Warehouse and further, the documents for getting a similar RA status from BCAS for the Mumbai Cargo Warehouse have also been submitted with the BCAS.
- Further, AIASL has also received the RA3 status for both Chennai and Mumbai Cargo Warehouses, this arrangement

would facilitate the carriage of cargo to UK, Europe and other EU countries directly from here, after the screening.

- AIASL is also providing cargo handling services at almost all the domestic airports in India, wherever authorized.

Additionally, AIASL also provides cabin cleaning, deep cleaning, and cabin dressing services besides undertaking repairs of aircraft Unit Load Devices (ULD) (Containers and Pallets) and inflight catering Meal Carts.

VVIP / SESF / Defense Flights

AIASL is privileged to provide Ground Handling Services and handle the VVIP flights of the Hon'ble President, Vice President, and Prime Minister of India, as AIASL has been appointed as the sole ground handler by the Indian Air Force for the handling of SESF/VVIP flights at all Indian domestic and International airports (including Civil Enclaves, and Defense Enclaves Airports). It also handles all flights on behalf of defense forces at all Indian airports like IAF, BSF, Indian Navy, DRDO, HAL, NSG, etc. AIASL has been discharging GH functions after taking over successfully from Air India, following the appointment of AIASL as the sole Ground Handling Agency by the Indian Air Force for coordinating, arranging, and ensuring the handling of SESF/VVIP flights at all foreign airports (Overseas).

In line with the long pending demand of Air India and their group Companies like Air India Express, Air Asia and Vistara, (now managed by Tata), and other major client Airlines, besides various Airport Operators, AIASL has embarked upon upgrading the aging Ground Support Equipment (GSEs). AIASL is finally in the process of giving a facelift to existing GSEs by adding a sizeable number of branded and brand new GSEs, by spending a sizeable amount over two years.

10.2.3 ACTIVITIES OF AI AIRPORT SERVICES LIMITED

AIASL provides Comprehensive Ground Handling services to AI Group (Air India & Air India Express Limited), Alliance Air Aviation Limited (Group Company), and many Domestic & Foreign Airlines, Cargo Charters Operators, and Non-Schedule Operators at various airports in India. AIASL also operates cargo warehouses one each at BOM & MAA.

AIASL is a leading ground-handling service provider in India and offers ground-handling services at 114 airports (including civil airports and civil enclaves) in India. AIASL presently has a presence at 82 airports and arranges the ground handling services at additional 32 airports on request. Besides, AIASL also offers Ground

Handling services at Defense Enclaves (Airports) for all defense aircraft.

The services can be majorly identified as:

- Passenger Handling / Ramp Handling / Cargo Handling / Cabin Services / Station Management
- Cargo warehouse handling at BOM & MAA as at present and any other airports in the future.
- Fabrication and repair of ULDs (Unit Loading Devices) & Meal cart repair workshop at HQ, IGI Airport- Delhi.
- Engineering services through AIESL.
- Ground Handling Services to Subsidiary Companies – Alliance Air Aviation Ltd & AI Engineering Services Ltd.
- Non-scheduled flights Handling of Domestic & International Private Charter flights - PAN India basis.
- Special Extra Sectio Flights (SESF) of Indian Air Force (IAF) – Domestic & International.
- Non-SESF Domestic Handling of Govt. Agencies (Indian Air Force, Indian Navy, Border Security Forces, NSG Charter) etc.
- HAL – AIASL Joint Working Group at Bengaluru, HAL Airport.

As per MOCA's direction that outsourcing will not be permitted at airports due to security reasons effective 31 December 2016, and non-entities (GHAs) exited totally w.e.f 15th August 2021, AIASL takes pride in implementing the Government's decision at all the Operational Airports (where non-entities exited) in India where Ground Handling Services are provided by AIASL. There is NIL outsourcing of manpower as of date in AIASL.

10.2.4 POLLUTION CONTROL

- All the equipment are checked for pollution control
- Purchase of all new equipment are carried out complying the BS VI norms.
- Battery / used Oils are disposed as per the Hazardous waste disposable guidelines & to authorized agencies.
- Disposal of used papers for recycling is in process.

10.2.5 WOMEN'S WELFARE INCLUDING GENDER BUDGETARY DATA

AI Airport Services Limited has its presence at more than 80 Airports. There is a huge requirement of unskilled and semi-skilled staff i.e. Handyman and Utility Agent cum Ramp Driver. Except for these jobs like Handyman, Utility Agent cum Ramp Driver, etc which are highly labour-intensive jobs, where males are mostly engaged for the same, rest for all the other posts like Customer Service Executives, Jr. Officer-Passenger, Duty Officers, Duty Managers, Dy. Terminal Managers, Terminal Managers, etc., females are given equal

opportunity. Split of figures on male & female are as given below:

Out of the total staff as on 17792 staff engaged on Fixed Term basis / Temporary basis, count of males is 15206 and that of females is 2586 and out of 656 staff transferred from Air India (permanent staff), count of males is 653 and that of females is 3.

The Company takes care of the special needs of the women employees at work place, which include safe work environment, rest room, leave & other benefits.

There is a mechanism to prevent sexual harassment at work place in line with THE SEXUAL HARASSMENT OF WOMEN AT WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013 which has been implemented in AIASL. Complaints Committees for investigation of complaints & prevention of sexual harassment of women employees of AIASL, have been constituted at the corporate level.

10.2.6 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESS MACHINERY

The public grievances pertain to staff affected due to non-receipt of full & final settlement or issues in PF withdrawals after separating from the company. These grievances have now reduced drastically. Internal machinery with procedures for resolving of such issues is in place to enable the concerned HR and Payroll teams to complete the full & final settlement systematically. PF Cell has been advised to address the grievance of PF withdrawals urgently. PF Cell has been fortified with additional staff which was short staffed has been given additional and dedicated manpower for the same and now the joint declaration, death claims, and final withdrawals are being addressed immediately. Meetings with EPFO Commissioner in Bandra Office, Mumbai, wherein Dy.GM-GH (O) & OSD-HR & AGM-HR HQ with the team of PF Cell with the Commissioner of EPFO & other officials of EPFO in Bandra, Mumbai has resolved many of the long pending issues amicably to the satisfaction of the employees.

Various "Aadhar Seeding Awareness Camps" were organized in coordination with ESIC officials for the staff who are covered under ESIC so that the staff can be benefited of the ESIC benefits after Aadhar Seeding and registration which is a pre-requisite for getting ESIC benefits for self and their families.

10.2.7 SC/ST AND OBC REPRESENTATION AS ON 31.03.2024:

Out of a total of 17792 staff (Fixed Term Contractual basis and Temporary engagement basis), a number of staff engaged on Fixed

Term contractual basis is 16960, and number of staff engaged on Temporary/ Retired is 832. Staff engaged on fixed-term contractual basis is recruited through the open market as per the requirement at the station through publication in the leading English and local newspapers and publication on the company websites of AIASL and AIAHL. A strict Roster pattern is followed while conducting these recruitment exercises.

Details of representation of SC/ST and OBC in respect of these Fixed Term staff, is given below. A category-wise summary is given in the attached chart.

EWS	GEN	OBC	SC	ST	Total
8	8880	4218	3934	752	17792

Details of representation of SC/ST and OBC in respect of permanent transferred staff, in short, is given below.

General	OBC	SC	ST	Grand Total
322	88	186	60	656

10.2.8 ACTIVITIES TAKEN IN THE NORTH EAST

Under the UDAN Scheme, the existing/new Airports have been inaugurated in the North East states/regions. Alliance Air is also deploying their Flights to operate into these newly opened-up airports besides expanding to other existing Airports in the Northeast region.

AIASL started recruiting human resources from the local areas of North East states/regions for the handling of such flights in these stations instead of deploying the people from Kolkata, which is regional H.Q of AIASL.

10.2.9 WELFARE OF SENIOR CITIZENS

In accordance with the guidelines issued by Ministry of Social Justice & Empowerment, as envisaged in the National Policy on Older Persons, instructions have been issued to all concerned to ensure prompt, fair and humane treatment for older persons.

10.2.10 FACILITIES TO PERSONS WITH DISABILITIES

Offers Equal opportunity for employment

10.2.11 VIGILANCE ACTIVITIES

The details of Vigilance Activities conducted by AIASL from January 2023 to March 2024 are as follows:

■ **Vigilance Activities during January 2023 to March 2024**

Vigilance Department of AIASL carried out following activities during January 2023 to March 2024:

■ **Awareness Building about PIDPI**

A poster campaign was carried out throughout AIASL network of 4 Regional Offices and 83 Airports across the country at the start of the program. PIDPI posters in Hindi, English, Bengali, Tamil, Telugu and Kannada were displayed at different Airports to create awareness among our employees and general public of the salient features of PIDPI. Talk shows and video conferencing lectures were carried out at 25 Airports across the country and awareness on PIDPI was created. PIDPI poster was displayed in AIASL Website and Whatsapp messages were also sent to AIASL groups across our Network.

- A total of around 3000 employees / public were briefed on PIDPI.

Training Programs

- As part of Vigilance Awareness program training was given by experts of the respective field to our officials in the following five thematic areas:
 - Role of IO/PO
 - Public Procurement
 - Ethics and governance
 - Systems and Procedures
 - Cyber hygiene and security

- Around 3000 employees were benefited by these training programs.

- The following activities undertaken by AIASL during the Observance of Vigilance Awareness Week 2023:-

Integrity Pledge

Integrity Pledge was administered by Mr. Rambabu Ch, CEO to all executives and employees at Corporate HQ, New Delhi.

Pledge was administered by Regional Head in four Regional Offices and by nodal officers in 83 Stations at 11 AM on 30-10-23 to all our employees.

Competitions for employees during Vigilance Awareness Week

Essay writing Competition on the theme say “No to Corruption; Commit to the Nation” at SR, NR and WR stations of AIASL.

In addition to Essay writing program, Rangoli & Quiz Competitions were held for employees/children of employees and prizes were distributed to the winners.

Workshop & Lecture Programs

During VAW 2023, Workshop on Procurement at Kolkata was conducted and Lecture by Dr.K.Saleem Ali, IPS (retired), former Special Director CBI on Vigilance for senior officers was held at Chennai.

Awareness program for newly recruited employees on fixed Term Contract

Newly recruited employees of AIASL are being given vigilance awareness program during their initial induction programs.

10.2.12 REDRESSAL OF PUBLIC GRIEVANCES

In AIASL Website separate URL links have been provided as part of public grievance redressal mechanism which enables them to lodge complaints related to corruption to CVO, PIDPI and CVC. A separate link is also being developed by IT for redressal of complaints from public which are general complaints.

10.2.13 OTHER ACTIVITY

Asia’s largest event on Civil Aviation, Wings India 2024, was held at Begumpet Airport, Hyderabad from 18th January to 21st January 2024, wherein, AI Airport Services Limited was appointed as the Official Ground Handling Partner for this prestigious event.

AIASL was adjudged by a special jury of eminent personalities of Civil Aviation and awarded the prestigious honor to AIASL in the form of “Best Ground Handling Services Provider” at Wings India 2024 by FICCI.



10.3 AI ENGINEERING SERVICES LTD. (AIESL)

10.3.1 FINANCIAL PERFORMANCE AI ENGINEERING SERVICES LIMITED (AIESL)

During the financial year 2022-23, the company earned a revenue amounting to Rs.2029 crores and consequently, PBT of Rs. 844 crores and PAT of Rs. 628 crores. Brief details of the same along with comparatives for the previous year are given below:

(Rs. In Crores)

Particulars	Financial Year ended 31.03.2023.	Financial Year ended 31.03.2022. (Restated)
Total Revenue	2029.86	1906.52
Total Expenses	1418.81	1345.96
Profit (Loss) before exceptional items	611.05	560.56
Add: Exceptional items	233.42	-
Profit (Loss) before tax	844.47	560.56
Tax Expenses including deferred tax	216.00	(261.84)
Profit after tax	628.47	822.39

Other Comprehensive Income	1.04	6.86
Total Comprehensive Income	629.51	829.26

10.3.2 NON-FINANCIAL PERFORMANCE AIESL

AIESL provided Line Maintenance Services to Air India Fleet along with various international operators namely, Jazeera Airways, OMAN Airways, Malaysian Airlines, Kuwait Airways, Tiger Scoot, China Airlines, Malindo Airlines, Egypt Air, Air Asia Berhad, etc. and Indian operators including Air Asia India, Go Air, SpiceJet, Fly Big, TATA Vistara. In addition to Indian stations, AIESL also provided Line Maintenance at its International Stations (DXB, KTM, RKT, SHJ) to Air India, TATA SIA & Air India Express. The Company is providing MRO services to Defense as well private sector operators, wherever AIESL is having the capability. AIESL also carried out base maintenance & other related work for Domestic operators namely – Air India, Air India Express, SpiceJet Air Asia India, TATA SIA Airlines, Go Air, Indigo Airlines in 2022-23. In addition, AIESL carried out major maintenance work for Aviation Research Centre (ARC), Indian Air Force. In 2022-23, AIESL undertook maintenance of private party's aircraft like – Reliance RCDL, Taj Air Charters, Zoom Air, Club one Air and Blued art Aircraft. As a part of Atmanirbhar Campaign, AIESL has collaborated with Boeing Defense for the Maintenance, Repair & Overhaul on key Boeing defense platforms in India including the P8I operated by Indian Navy. During the year 2022-23, AIESL has signed /renewed SGHAs (Standard Ground Handling Agreements) with TATA SIA, Air Asia Berhad, Air India Limited, Thai Smile, Malaysian Airlines Berhad, TATA SIA (for Kathmandu Station), Manta Aviation, Air Asia India. AIESL undertook Base Maintenance for Kuwait Airways & also preformed Major Check on B737 MAX aircraft. The BOM Facility of AIESL has received FAA approval for A320 aircraft.

At present, AIESL is having approval from 12 foreign Civil Aviation authorities namely EASA, FAA, CAAS Singapore, CAAM Malaysia, DGCA Kuwait, CAA Nepal, CAAB Bangladesh, ECAA Egypt, CAASL Sri Lanka, QCAA Qatar, PACA Oman, BCAA Bhutan & CAA South Africa (SA CAA).

Currently AIESL does maintenance for total 18 Operators, both domestic and international.

AIESL Mumbai, Delhi, TRV and Nagpur have acquired approval from FAA for A320 family aircraft. FAA approval acquired at Mumbai for B747, B777 & B787 and FAA approval acquired at TRV for B737 NG & B737 Max. Jet Engine Overhaul Shop in Delhi has acquired EASA approval for CFM 56-5B & CFM LEAP-1A Engines. 55 capability enhancements were done by AIESL including enhancement of Base maintenance capabilities and addition of line stations, both international and domestic.

10.3.3 SIGNIFICANT ACHIEVEMENTS OF YEAR-2023

AIESL MRO units of Thiruvananthapuram, Nagpur and Mumbai got FAA approval for base maintenance checks of A320 family aircraft. 17 A320 Neo

aircraft of Air India fleet have already been certified with FAA accreditation as per the lessor's requirement pertaining to compliance of "6Y" check on these aircraft at EASA/FAA approved MRO. This is a big leap towards Atmanirbhar Bharat as in absence of FAA approval these aircraft were required to be routed to international MRO for compliance of these checks.

AIESL Nagpur unit has carried out C-Check inspection on 5 B777 aircraft of Kuwait Airways.

The AIESL MRO unit of Thiruvananthapuram got DGCA approval for Base Maintenance of B737Max Aircraft.

Engine Shop in Delhi got EASA approval for CFM56-5B/Leap-1A engines. Thereafter the GTA signed with M/s. Global Airtech and M/s. Willis for engine repair/overhaul.

MSA (Master Service Agreement) signed with IAF for maintenance of their 4 A321 aircraft.

Certification License Agreement signed with CFM International for maintenance of Leap 1A and Leap 1B engines.

AIESL Mumbai unit (OAP) achieved success in replacement of Landing Gears of B787 Aircraft of Air India Fleet first time in India.

AIESL has collaborated with Boeing Defense for landing gear overhaul of P8I aircraft being used by Indian Navy. Presently, the first landing gear ship set is undergoing overhaul at Landing Gear Shop, Mumbai.

AIESL has obtained approval for painting of B737 Max aircraft at Nasik painting facility.

AIESL has signed /renewed SGHAs (Standard Ground Handling Agreements) with Air Asia Berhad, Oman Air, Kuwait Airways, Air India Express, Mahan Air, Biman Bangladesh, TATA SIA (for Kathmandu Station).

AIESL Kolkata unit obtained DGCA approval for maintenance of B737 NG and B737 max aircraft.

C check package of Tashi Air Bhutan A319 aircraft carried out at Kolkata. This is first international A320 family aircraft serviced by AIESL.

10.3.4 AIESL FUTURE PLANS

The company is planning to improve revenue generation by way of providing MRO services pertaining to Existing Capabilities to third parties (through aggressive marketing) and acquiring new Capabilities. AIESL is in the process of acquiring EASA & FAA Base Maintenance Capability to capture Aircraft Redelivery Business. AIESL has already extended its MRO Services to the Defense sector such as DRDO/IAF/Indian Navy. AIESL has already signed Long Term Maintenance Agreement with DRDO for their fleet of A319 aircraft. AIESL has acquired base maintenance capability of B737 Max Aircraft & intends to enhance the scope for catering to the need of domestic & international operators. AIESL also has plans to collaborate with OEMs for conversion of Commercial Aircraft to Defense Mission aircraft. The company is in talks with OEM/STC holders for Passenger-to-Freighter Conversion of

Narrow Body & Wide Body Aircrafts. AIESL is also exploring the business avenues in the aircraft teardown & part harvesting business. As a part of capability enhancement, AIESL is planning to acquire EASA certification for Narrow Body Landing Gear Overhaul Capability & CFM56-5B engine overhaul capability. The company has plans to upgrade ATEC shop to service various components of A320 Neo Family Aircraft.

AIESL is also exploring business for painting of NB aircraft (Both A320 & B737 Family) at Nasik painting facility.

Furthermore, AIESL is engaging in a collaborative effort (Joint Venture) with Boeing to provide in-house training for Part 147 for engineers. The AIESL CCU Base has obtained approval for Base Maintenance of B737 MAX and is fully prepared to serve a diverse range of domestic and international operators in Kolkata.

Additionally, discussions are underway between AIESL and AKASA Air for a Long-Term Maintenance contract to oversee the maintenance of their fleet. AIESL is also in the process of inking an agreement with various customers for Engine Overhaul jobs in Delhi & Mumbai.

10.3.5 SC/ST AND OBC REPRESENTATION AS ON 31-03-2024

CATEGORY	NUMBERS	TOTAL IN PERCENTAGE
General & EWS	2457	50.49
Other Backward Caste	1223	25.14
Scheduled Caste	912	18.74
Scheduled Tribe	274	5.63
Total	4866	100.00

10.3.6 SWACHH BHARAT MISSION

As part of the Swachh Bharat Mission 3.0 campaign, AIESL offices in India are continuing their efforts to contribute towards making India clean. It's heartening to see such initiatives being taken towards a cleaner and greener India.

We're proud to be a part of the Swachhata Campaign, also known as Special Campaign 3.0, initiated by the Govt. of India. This campaign is all about promoting cleanliness and reducing pendency in government offices.

As a part of this movement, our CMD, CEO and other dedicated officials at AIESL rolled up their sleeves and joined hands to clean up our office premises and the surrounding areas. We believe in leading by example and taking the responsibility to improve the overall hygiene and cleanliness of government offices.



10.4 ALLIANCE AIR AVIATION LIMITED (AAAL)

10.4.1 INTRODUCTION

Alliance Air Aviation Limited (formerly known as Airline Allied Services Limited) is one of the leading regional airline in the country providing connectivity to Tier 2 & Tier 3 cities in India and operates under the brand name 'Alliance Air'.

Alliance Air is operating ATR type of aircraft since 2003 and has a fleet of 21 aircraft consisting of 18 ATR 72-600, 2 ATR 42-600 and one Dornier Do-228. The airline, previously functioned as a subsidiary of Air India Limited has undergone an ownership change subsequent to the latter's disinvestment. The ownership of the Company was transferred to AI Assets Holding Limited (AIAHL) which was established as a Special Purpose Vehicle (SPV) by the Government of India.

The Company's fleet is deployed to operate 100(+) departures per day across network of 58 destinations which includes one international destination Jaffna in Sri Lanka.

10.4.2 REGIONAL CONNECTIVITY SCHEME (RCS)

With the introduction of Regional Connectivity Scheme (RCS), "Ude Desh Ka Aam Nagrik" (UDAN) by the Government of India, a number of new routes to unserved and underserved airports have been commenced by Alliance Air. Effective 27th April 2017, Alliance Air was the first airline to commence flights on Shimla/Delhi sector under the scheme which was flagged off by Hon'ble Prime Minister of India.

As of now, Alliance Air has initiated services on 111 out of the 137 routes it was awarded through RCS UDAN 5.0 rounds. Efforts are being made to commence flights on the remaining routes, contingent upon the readiness of airports to accommodate ATR 72-600 / ATR 42-600 aircraft. Alliance Air won Wings India 2024 Awards- Best Airline Regional Connectivity.



10.4.3 PERFORMANCE-

Financial Performance-

Parameters	FY 2022-23 (Audited)	(April 2023 to March 2024) Provisional
Total revenue (INR Cr)	1,104.96	962.90
Total expenses (INR Cr)	1,670.73	1,515.43
Profit/Loss (INR Cr)	(565.77)	(552.53)

Physical Performance-

Parameters	(April 2023 to March 2024) Provisional
Yield/Pax (excluding subsidy)	3610
Revenue Pax	16,02,996
Seat factor	76.74%
OTP	80

10.4.4 WOMEN'S WELFARE INCLUDING GENDER BUDGETARY DATA

The company has formulated Internal Complaint Committee to ensure protection and justice to women at workplace against sexual harassment. Women's Day is celebrated every year to grow awareness among women regarding their rights.

sexual harassment, and not to curtail sexual expression within the organization. Women's Day is celebrated every year to grow awareness among women regarding their rights.

10.4.5 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESS MACHINERY

Two dedicated nodal officers have been positioned to ensure timely redressal of the grievances received through Air Sewa Portal and PG portal (monitored and controlled by Ministry of Civil Aviation)

10.4.6 SC/ST AND OBC REPRESENTATION AS ON 31.03.2024

SC-132, ST-52, OBC-157.

10.4.7 FACILITIES TO PERSONS WITH DISABILITIES

Offers Equal opportunity for employment.

10.4.8 CITIZEN CHARTER

Nodal Officers are ensuring timely redressal of the grievances on PG Portal (monitored and controlled by Ministry of Civil Aviation) and Air Sewa Portal.

10.4.9 IMPORTANT EVENTS OF ALLIANCE AIR DURING 2023-24

SWACHHATA CAMPAIGN

Special Campaign was organized with effect from 15 September, 2023 to 31 October, 2023 under which Cleaning of internal and external area of office campus including all out stations.



HINDI PAKHWADA

Hindi Pakhwada was organized at Alliance Air Headquarters from 14 September to 28 September 2023 as per the instructions of the Government of India, Ministry of Home Affairs, Department of Official Language. Two competitions were organized during the Pakhwada. A Hindi essay writing competition was organized on September 14, 2023, in which 12 employees from the headquarters and 06 employees from Dehradun station participated. A poetry recitation competition was organized on September 22, 2023, in which 14 employees from the headquarters and 01 employee from Dehradun station participated enthusiastically.

VIGILANCE ACTIVITIES

Alliance Air Aviation Limited celebrated the Vigilance Awareness Week (VAW) 2023 from 30th October to 5th November 2023 throughout its network in compliance with Commission's theme for the year **"Say No to Corruption: Commit to the Nation"**

VAW 2023 commenced in right earnest in AAAL with the Integrity Pledge Ceremony. Integrity Pledge was administered by the CEO and CFO in Alliance Headquarters, Delhi and by the senior most functionaries at each station at 1100 hrs on 30th October 2023 as directed by the Commission. With an endeavour to promote integrity and instil ethical values, AAAL organized Essay Writing and Slogan Writing competitions to motivate and inspire employees. A special initiative of In-Flight Announcement on all AAAL (9I) flights throughout the flight network for the duration of Vigilance Awareness Week was made to sensitize the passengers.

AAAL has been promoting and motivating its employees to make the working environment corruption free with integrity as their way of life. Details concerning activities and achievements of Vigilance Department, input is as under:

- AAAL Management supports good governance while promoting Transparency and Accountability initiatives at all times.
- Procedure and processes for seeking Vigilance Clearance iro AAAL employees have been streamlined and is as per compliance with CVC guidelines.
- AAAL has achieved a benchmark of 100% in MMD procedures of E-tendering and GeM.
- Extent of IT usage & E-GOVERNANCE in AAAL is also recorded at 100%.
- Pending cases (resulting due demerger/privatization of erstwhile AI) have been followed -up and put to rest.
- There is nil pendency of vigilance cases as on date.
- Detailed report on activities and programs conducted at AAAL during Vigilance Awareness Week 2023 has been submitted

- Periodic inputs with regard to CVC-QPR is also submitted in a time-bound manner.

FLIGHT SAFETY WEEK

Alliance Air has celebrated Flight Safety Week from 6th to 10th November 2023.

During this week, Alliance Air organized several activities to raise awareness and promote flight safety. Some of the activities included the release of safety, ERP, DMS, Medical and QMS posters, as well as a newsletter highlighting important safety measures. Interactive session amongst the pilots, cabin crew and engineers was conducted concerning safety issues. A first aid class was also conducted for ground staff to enhance our emergency response capabilities.

During the Flight Safety awareness week, Free Health Check Up camp was also organized for Alliance Air employees and around 170 personnel were registered for health check-up.

The main objective of Flight Safety Awareness Week was to emphasize the importance of maintaining a safe and secure environment for our passengers and crew members as well our employees. By actively participating in these activities, we have not only refreshed our knowledge but also contributed towards building a strong safety culture within our organization.

10.4.10 COMPLIANCE TO CYBER SECURITY

- ZTNA (work from Anywhere concept): Zero Trust Network Architecture that takes care of user authentication, two factor authentication, Device posturing and secure internet gateway with security policies implemented through cloud.
- Firewall is in place for IPSec/SSL VPN tunneling with private ERP (SAP) application and secure internal infrastructure.
- All hosted solutions are with security set up in place by the hosted vendor as per contract.
- Privacy policies, non-disclosure agreements and other regulatory requirements like GDPR compliance is managed as controller and processor in all agreements.
- AAAL is registered with NCIIPC/ CERT-In for up to date security patches information. Feeds from their portals are used to plug vulnerabilities as and when notified.

10.5 HOTEL CORPORATION OF INDIA LIMITED

10.5.1 INTRODUCTION

Hotel Corporation of India was incorporated in the year 1971 as a 100% subsidiary of the erstwhile Air India Limited. Effective January 27, 2022, the shareholding has been transferred to AI Assets Holding Limited effective January 27, 2022.

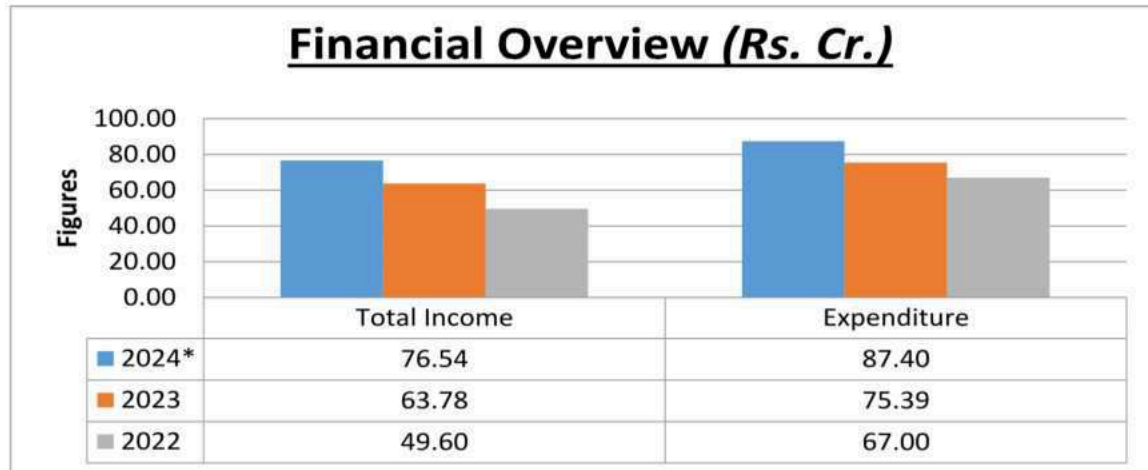


The Centaur Hotel, Delhi is located in the vicinity of IGI Airport and situated close to the business districts of Aerocity and Gurugram. The hotel was inaugurated in the year 1982.

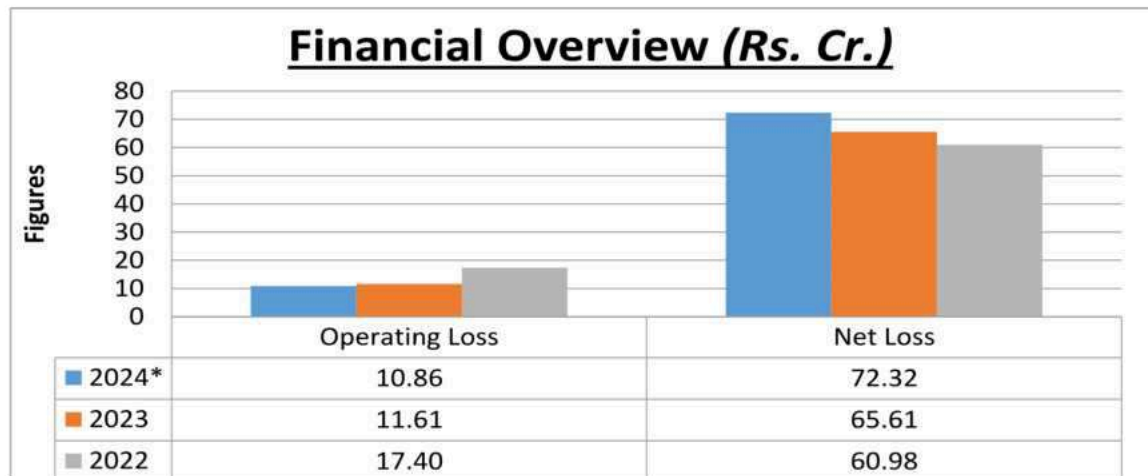
Presently the Company operates one Hotel in Delhi under the 'Centaur' brand. The Company also operates two flight Kitchens under the "Chefair" brand. Chefair Mumbai started operations in the year 1969 while Chefair Delhi was established in 1971.

As per the AMRD order received on 17.07.2023, the Centaur Lake View Hotel, Srinagar (which was sealed by the UT of J&K in June 2022) has been handed over to the UT of J&K. The Housing Colony also stood transferred to the UT of J&K. The Order also read that post following due procedures, the UT of J&K had already absorbed the 145 employees of HCIL working at the Centaur Lake View Hotel, Srinagar.

10.5.2 FINANCIAL OVERVIEW



* 2024 no.s are for the period 01.01.2023 to 31.03.2024 (15 months)



* 2024 no.s are for the period 01.01.2023 to 31.03.2024 (15 months)

The Company saw a steady increase in revenues that led to an overall improvement in financial performance.

There was a healthy upswing in the Flight catering business at Delhi and Mumbai and the Lounge operations at the T3, IGI Airport New Delhi. The Company has also successfully obtained the ISO 22000- certification for both Chefair Delhi and Chefair Mumbai. Chefair Delhi operations continue to be hampered owing to the restrictions placed by DIAL. Also, the Centaur Hotel Delhi is able to operate only about 120 rooms as the balance inventory of 256 rooms needs to be renovated. The Company therefore requires funding support to be able to maximize its revenue potential for the hotel as well as an early resolution to the ongoing issue with DIAL to enable Chefair Delhi to be able to pitch for additional airline catering business.

10.5.3 POLLUTION CONTROL

All the vehicles in HCI used for operations are CNG operated. The Company motivates its staff to use public transport and to pool their personal vehicles. All garbage bags used are of bio-degradable material;

10.5.4 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has an Internal Committee for Prevention, Prohibition and Redressal of Sexual Harassment (ICC) in place at both Delhi and Mumbai. All the employees are sensitized to respect women working in the Company. Women are mostly employed in the Day / General Shifts. In the case of Night Shift duty they are well taken care of. The Company celebrated Women's Day with enthusiasm. Training was organized to create a safe working environment at the workplace (which includes a safe environment for employee interaction internally as well as with outsiders).

10.5.5 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCES REDRESSAL MACHINERY

All complaints received from the Grievances portal (CPGRAM) are addressed on priority. During the year, a total of 11 public grievance cases were received on-line, and all 11 have been disposed of through the CPGRAMS.

10.5.6 SC/ST AND OBC REPRESENTATION AS ON 31.03.2024

The Company adheres to all the prescribed Government Policies on the subject. The breakup of the SC/ ST and OBC is as under:

Group	Total Employees	SC employees	ST Employees	OBC Employees
A	30	5	4	4
B	94	28	5	14
C	323	34	15	31
D	247	37	06	28
Total	694	104 (15%)	30 (4%)	77 (11%)

10.5.7 WELFARE OF SENIOR CITIZENS

In accordance with the guidelines issued by the Ministry of Social, Justice and Empowerment, and as envisaged in the 'National Policy on Older Persons', instructions have been issued to all employees to ensure prompt, fair and humane treatment with senior citizens, to pay special attention to the elderly and those needing assistance particularly after

alighting from vehicles at the hotel and until the person reaches the check-in counter, give widows special consideration in the matter of settlement of benefits accruing on the demise of the spouse and ensure timely settlement of retirement benefits as far as possible. Besides, Higher Pension cases of the retirees' submissions to EPFO were smoothly executed within the prescribed time.

10.5.8 FACILITIES TO PERSONS WITH DISABILITIES

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities have been implemented and due consideration is given to disabled persons, wherever possible. Ramp access provided for ease of movement. Convenient work environment is provided to such employees, as per their capability.

10.5.9 VIGILANCE ACTIVITIES

Vigilance Awareness Week was observed. During the week, Quiz and Essay competitions were held to promote Vigilance Awareness. Posters on PIDPI were displayed in all departments and public / common areas. Open House discussion was held with the employees to have a corruption free environment for growth of the Company.

11. RAJIV GANDHI NATIONAL AVIATION UNIVERSITY (RGNAU)

11.1 INTRODUCTION

The Rajiv Gandhi National Aviation University (RGNAU), a Central University under the administrative control of Ministry of Civil Aviation, has been established by an Act of Parliament called the Rajiv Gandhi National Aviation University Act, 2013 at Fursatganj, Dist. Amethi, Uttar Pradesh.



The University has been envisaged as the premier institution of higher learning within the aviation milieu aimed at providing cutting edge and critical research to enhance the aviation industry in India. The Act of Parliament empowers the University to award Diplomas, Degree including the Doctoral Degrees and certificates in the field of aviation

11.2 OBJECTIVE

The objective of RGNAU is to facilitate and promote aviation studies, teaching, training, research and by extension work in conjunction with the industry/ academia to achieve excellence in operations and management of all the sub-sectors within the aviation industry.

The University intends to offer a number of courses as required to bridge the skill gap within the Indian Aviation industry at present as well as taking into consideration future requirements. RGNAU has an ambitious plan to offer Bachelor Degree programs, Master Degree programs, Post Graduate Diploma courses, Doctoral programs and Certification courses in phase manner.



11.3 PHYSICAL PERFORMANCE

The infrastructure of the University, viz. Academic, Administrative, Residential, Hostel, Computer Laboratories and other associated infrastructure facilities, includes:

- High-tech IT infrastructure and smart class technology enabled 1.2 lac sq. ft. of Academic Block,
- Two Libraries with dedicated provision for digital library,
- Two Seminar halls each of approx. 200 seating capacity with video conferencing facility;
- Open air theatre with space frame structure;

Open Air Theatre



Seminar Hall



- Canteen, Medical Room and Common Room for students;
- Facilities like designated approach road and car parking,
- UG water tank, 33KVA dedicated power supply from UPPCL and 100% power backup;
- Wi-Fi enabled hostel accommodation facility for 576 students with recreation and Gym facilities;

Hostel Block**Residential Block**

Till date, various authorities of the University, such as Executive Council, Court, Academic Council, Board of Affiliation and Recognition and Finance Committee, have been constituted successfully. The other authorities of the University Viz. Boards of Schools etc. are in the process of constitution.

11.4 COURT

The Court of the University has power to review, from time to time, the broad policies and programmes and to suggest measures for the improvement and development of the University.

The function of the Court includes consideration and passing of resolutions on the Annual Report and the Annual Accounts of the University and the Audit Report on such accounts. The Court advises the Visitor in respect of any matter which may be referred to it for advice.

The members of the First Court of the University as on 31 March 2024 are as follows:

Sl. No.	Name	Designation
1.	Shri Pramod Kumar Thakur, ex-Officio Member	Acting Vice Chancellor (With Delegated powers of VC), Rajiv Gandhi National Aviation University
2.	Shri Shashi Prakash Goyal, ex-Officio Member	Addl. Chief Secretary to Chief Minister, Government of Uttar Pradesh

3.	Shri Bharat Malkani, Member	Chairman, Max Aerospace & Aviation Pvt. Ltd.
4.	Shri H.R.Jagannath, Member	CEO, Air India Engineering Services Limited
5.	Shri I Prabhakara Rao, Member	CEO, Delhi International Airport Limited
6.	Shri S.G.K Kishore, Member	CEO, GMR Hyderabad International Airport Ltd.
7.	Shri Ramachandran, Member	Chief Executive Officer, Celebi NAS Airport Services India Pvt. Ltd.
8.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University

11.5 EXECUTIVE COUNCIL

Executive Council is the principal executive body of the University. The Executive Council shall have the power of management and administration of the revenue and property of the University and the conduct of all administrative affairs of the University. The powers of the Executive Council include make, amend or repeal regulations, to carry out the provisions of the Act and Statutes and Ordinances framed thereunder, for the smooth functioning of the University and to regulate and determine all other matters concerning the University in accordance with the Act, Statutes and Ordinances.

The composition of the Executive Council as on 31 March 2024 is as under:

Sl. No.	Name	Designation
1.	Shri Vumlunmang Vualnam, ex-Officio Member	Secretary, Ministry of Civil Aviation
2.	Shri Pramod Kumar Thakur, ex-officio Chairman	Acting Vice Chancellor (With Delegated powers of VC), Rajiv Gandhi National Aviation University
3.	Shri Shashi Prakash Goyal, ex-Officio Member	Addl. Chief Secretary to Chief Minister, Government of Uttar Pradesh
4.	Shri Sanjeev Kumar, ex-Officio Member	Chairman, Airports Authority of India
5.	Shri Vineet Sood ex-officio Member	CEO, Alliance Air Aviation Limited
6.	Shri Vikram Dev Dutt, ex-Officio Member	Director General, Directorate

		General of Civil Aviation
7.	Shri Padam Lal Negi, ex-Officio Member	Joint Secretary and Financial Adviser, Ministry of Civil Aviation
8.	Ms. Neeta Prasad, ex-Officio Member	Joint Secretary, Ministry of Education
9.	Ms. Kavita Jalan, ex-officio Member	Deputy Director General, Bureau of Civil Aviation Security (Nominee of DG, BCAS)
10.	Dr. R.K. Tyagi, Member	Ex-Chairman and Managing Director, Hindustan Aeronautics Ltd.
11.	Shri Tushar Jani, Member	Chairman, Blue Dart Aviation
12.	Shri Ravi Menon, Member	Executive Director, Air works
13.	Shri Amitabh Khosla, Member	Country Director (India), IATA
14.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University
Meeting of Executive Council		
Meeting of 11 th Executive Council held on 06.11.2023		

11.6 ACADEMIC COUNCIL

The Academic Council is the principal academic body of the University and has the power to exercise general supervision over the academic policies of the University and to give directions regarding methods of instructions, co-operative teaching, and evaluation of research or improvements of academic standards. It is responsible for maintaining of the standards of the educational activities within the university and advises the Executive Council on all academic matters.

The composition of the First Academic Council as on 31 March 2024 is as under:

Sl. No.	Name	Designation
1.	Sh. Pramod Kumar Thakur, ex-officio Chairman	Acting Vice Chancellor (With Delegated powers of VC), Rajiv Gandhi National Aviation University
2.	Shri Vikaram Dev Dutt,	Director General, Directorate General of Civil Aviation

	ex-officio Member	
3.	Shri Zulfiqar Hasan, ex-officio Member	Director General, Bureau of Civil Aviation Security
4.	Dr. Kota Harinarayana, Member	Former Vice Chancellor and Chair Professor, University of Hyderabad.
5.	Prof. Ashok Joshi, Member	Head of Department (Aerospace and Engineering), Indian Institute of Technology, Bombay
6.	Prof. Sanjay Mittal, Member	Head of Department (Aerospace Engineering), Indian Institute of Technology, Kanpur
7.	Prof. S. Raghunath, Member	Professor (Corporate Strategy & Policy), Indian Institute of Management, Bangalore
8.	Shri Pramod Kumar Thakur, ex-officio Member	Director, Indira Gandhi Rashtriya Uran Akademi
9.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University
Meeting of Academic Council		
Meeting of 5 th Academic Council held 15.03.2024		

11.7 FINANCE COMMITTEE

Finance Committee examines and consider all financial matters of the University including annual budget, annual accounts, projects, policy matters and other financial activities before submission of the same to the Executive Council.

The composition of Finance Committee as on 31 March 2024 is as follows:-

Sl. No.	Name	Designation
1.	Shri Pramod Kumar Thakur, ex-officio Chairman	Acting Vice Chancellor (With Delegated powers of VC), Rajiv Gandhi National Aviation University
2.	Shri Padma Lal Negi, ex-officio Member	Joint Secretary and Financial Advisor, Ministry of Civil Aviation
3.	Shri. K. Vinayak Rao Member	Ex-Member (Finance), Airports Authority of India

Sl. No.	Name	Designation
4.	Dr R.K. Tyagi Member	Ex-Chairman and Managing Director, Hindustan Aeronautics Limited
5.	Shri Srinivasa Venkat Member	Ex-Director(Finance), Air India
6.	Shri Pradip Dhar Member	Financial Advisor-cum-Chief Accounts Officer (Retd), Indian Institute of Management, Lucknow
7.	Sh. K.K. Tiwari, Member	Registrar and Secretary (FC) Indian Institute of Technology, Kanpur
8.	Nominated member of the court	To be nominated
9.	Shri Pramod Kumar Thakur, ex-officio Secretary	Acting Finance Officer, Rajiv Gandhi National Aviation University
Meeting of Finance Committee		
Meeting of 6 th Finance Committee held 12.10.2023		

11.8 BOARD OF AFFILIATION AND RECOGNITION

The Board of Affiliation and Recognition (BAR) shall be responsible for admitting Colleges and Institutions to the privileges of the University.

The composition of the first BAR as on 31st March 2024 is as follows:

Sl. No.	Name	Designation
1.	Shri Promod Kumar Thakur, ex-Officio Chairman	Acting Vice Chancellor (With Delegated powers of VC), Rajiv Gandhi National Aviation University
2.	Capt. Amitabh Singh, Member	Ex Director – Operations, Air India
3.	Capt. Ashim Mitra, Member	Senior Vice President – Flight Operations, Indigo
4.	Shri Ashish Saraf, Member	Head – India & South Asia, Airbus Helicopters
5.	Shri Hari Marar, Member	MD and CEO, Bengaluru Airport
6.	Prof Raghu Nandan Sengupta, Member	Head, Department of Industrial & Management Engineering- IIT Kanpur
7.	Shri Tejaswi Narasimhan, Member	Senior Manager – Strategy and BD, Boeing India
8.	Ms.Tulsi Mirchandaney,	Managing Director, Blue Dart Aviation

	Member	
9.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University

11.9 IMPORTANT ACTIVITIES

■ Post Graduate Diploma in Airport Operations

The third batch of Post Graduate Diploma in Airport Operations(PGDAO) completed their internship training in May 2023 and all the students got placement in various airports/airlines such as Adani airport, AAICLAS, Indigo airlines etc.



The fourth batch of the PGDAO Programme commenced on 27 October 2022 with student strength of 24 students. They commenced their internships training in Delhi airport on 20 November 2023.

The fifth batch of PGDAO Programme commenced on 07 Aug 2023 with student intake of 16 students.



■ Basic Fire Fighting Course

During the period of 01 January 2023 to 31 December 2023, five batches of Basic Fire Fighting Course i.e. (8th, 9th, 10th, 11th and 12th batches) having student strength of total 203 passed out from RGNAU with placement record of more than 90%.

Recently Adani and GMR airports have shortlisted 110 BFFC students of 11th and 12th batches for Hyderabad, Goa, Delhi and Mumbai airports.

Presently 13th, 14th & 15th batch comprising of 155 students are undergoing with their training.



■ Bachelors of Management Studies in Aviation Services and Air Cargo

The first batch of BMS (2020) completed their course in June 2023. Out of 32 students 28 students got placed in different cargo companies.

The second batch for the Programme commenced their Apprenticeship on 07 Aug 2023.

The third and fourth batch of BMS Programme commenced on 27 Oct 2022 and 24 Jul 2023 with student intake of 48 students and 53 students respectively.



11.10 FUTURE PROGRAMMES

The University signed Memorandum of Understanding with Pawan Hans Ltd (PHL) on 09 February 2022 for joint development and launch of three years Programme of B.Sc. (Aircraft Maintenance) with DGCA approved AME certificate in collaboration with PHL which aims towards exploring the opportunities in the field of aviation under skill development to meet growing demand of aviation industry.

The University signed a Memorandum of Understanding with TT Logistics Skill Development Pvt. Ltd. (TTSDPL) on 10 November 2021. TTSDPL intends to provide through its industry based Implementation partner long term aviation industry driven and skill based courses, course content and requisite industry support, expertise and collaboration for the courses to be conducted by RGNAU. On 14 January 2022, the officials from Singapore India Partnership Office (SIPO), Singapore University of Social Science (SUSS) and Singapore Logistic Association (SLA) being the implementation partner of TTSDPL had visited RGNAU campus. RGNAU had presented detailed overview of the infrastructure available, operating module and current courses undertaken.

The University is exploring collaboration opportunities with various institutions and Universities in India and abroad to give students better academic and practical exposure on the aviation sector. The target of the University is to provide a conducive environment for learning and personality growth of the individual.

■ Educational / Cultural / Sports Events

The University celebrated its Annual Sports and Cultural Festival “Udaan 2024” during February, 2024. Various games were organized during the event which includes – Cricket, Volleyball, Rangoli Competition, Painting, folk dances & cultural programmes etc.

IGRUA, RGIPT & FFDI officials were invited for the event. At the time of closing ceremony, several prizes were given to winners.

The University conducted a paper presentation to the students on 11th May 2023. Conducting paper presentations for students is a multifaceted approach that promotes academic, professional, and personal development. It enhances various skills, fosters confidence, and prepares students for the challenges and opportunities they may encounter in their academics.

11.11 WINGS INDIA

For the first time the University participated in Wings India-2024. It is a flagship event on civil aviation sector, it is an ideal forum to explore global partnerships, engaging sessions, cutting-edge innovation in the aviation sector, and with splendid aircraft displays against the backdrop of the Indian skyline organized by Ministry of Civil Aviation (MoCA), Government of India together with Airports Authority of India (AAI) and Federation of Indian Chamber of Commerce and Industry (FICCI) from 18-21 January, 2024 at Begumpet, Hyderabad.



The University celebrated International Yoga day on 21 Jun 2023 with the theme “Yoga for Vasudhaiva Kutumbakam”.



Hindi Maah in the month of September 2023. On this occasion, several competitions were organized amongst the RGNAU staff and students during Hindi Pakhwada from 14-30 Sep 2023 which included – Essay Writing, Calligraphy Competition, Noting and Drafting Completion, Speech Competition, Debate Competition etc. The objective of this event was to promote and understand the keen importance of Hindi language in the personal and professional aspects of personnel.

11.12 POLLUTION CONTROL

A plantation Programme was undertaken in the areas near boundary walls, parking and other green areas of the Academic and Residential Block under which more than 200 plants were planted.

The guidelines given by GRIHA Council regarding pollution control and environment protection is being adhered to, for eco-friendly development of RGNAU campus. Rooftop solar plants have already been installed on top of the academic and residential buildings of RGNAU.

As a step forward to reduce air pollution, the University campus has been kept as smoking free zone. Further, single use plastic has been banned in the University campus.

In future also, efforts will be made to minimize the impact of pollution by planting large number of trees and developing green areas in RGNAU campus.



11.13 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

For the safety of girl students and women employees at the University campus (both academic as well as residential campus), an Internal Complaints Committee (ICC) has been constituted in accordance with the provisions of the “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013”. The broad functions of the ICC are to take note of any violation of the basic principles of gender sensitivity and gender justice in the University campus and act against the same as deemed appropriate. Keeping in view the safety and security of girl students, the hostel accommodation has been divided into two parts by creating partition in between the girls and boys hostel area. Also, provision of CCTV cameras, Asst. Lady Warden and Lady Security Guards are available for safety and security of girl students in the Hostel block.

11.14 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MECHANISM

The University operations are not directly related to this aspect. However, the Registrar of the University has been designated as Public Grievance Officer for looking into the matters related to Public Grievances. He has also been designated as First Appellate Authority as per RTI Act 2005 to ensure proper disposal of RTI queries received by University. As on date, no public grievance is pending in the University. This aspect is continuously monitored by Registrar during review meetings.

11.15 SC/ST/OBC REPRESENTATION AS ON DEC 2023

No representations have been received from been received from staff or students belonging to SC/ST

11.16 FACILITIES TO PERSONS WITH DISABILITIES

To provide easy access to persons with disabilities, ramps have been provided in the academic building. Similarly, flooring with tactile tiles have been done to

guide visually impaired users. Separate toilets have also been made for easy use by persons with physical disabilities in Academic building of RGNAU. Adequate lighting is provided in all areas of academic building to help visually impaired persons. Also, provision of lifts has been made in hostel and residential blocks of the University.

11.17 VIGILANCE ACTIVITIES

The additional charge of CVO, RGNAU has been assigned to Shri Amal Garg, CVO, AAI by Ministry of Civil Aviation. During the period 16 August 2023 to 15 November 2023, as part of Vigilance Awareness Campaign, various activities were organized such as integrity pledge by students and staff, debate and essay competitions amongst students, walkathon by students and staff, visit to farmers of nearby villages etc. for spreading awareness on Vigilance.

11.18 COMPLIANCE TO CYBER SECURITY GUIDELINES

The University has well established IT Server Room equipped with antivirus servers, routers, switches, firewalls, wifi server etc. on High-Availability (HA) mode for providing uninterrupted services. The network of the IT infrastructure has been designed in compliance with Cyber Security guidelines issued by Government of India from time to time.

The Internet Service Provider of the University is NIC/NKN which is a Government Institution. The website and email servers are managed by ITI Ltd. which is PSU under Ministry of Communications, Government of India. Both these institutions are bound to adhere to the guidelines issued by Government of India for providing safe and secure environment to its user departments.

11.19 SOCIAL WELFARE ACTIVITIES

University, as the Center of Knowledge generation and sharing, plays a very important role in solving world's problems by ensuring a sustainable tomorrow. Visit of students from the primary school of local village, i.e. Tarauna, have been organized in the University campus on various events, where they witnessed various functionalities of the University and had been a motivational factor for them to aspire towards aviation field.

To develop the togetherness amongst employees and students of the University irrespective of their positions, some common social events including diverse festivals were organized from time to time such as Vishwakarma Pooja, Christmas, Deepavali, Onam, Holi, Makara Sankranti celebrations etc. These events were organized in order to emphasize the perception of "Unity in Diversity".

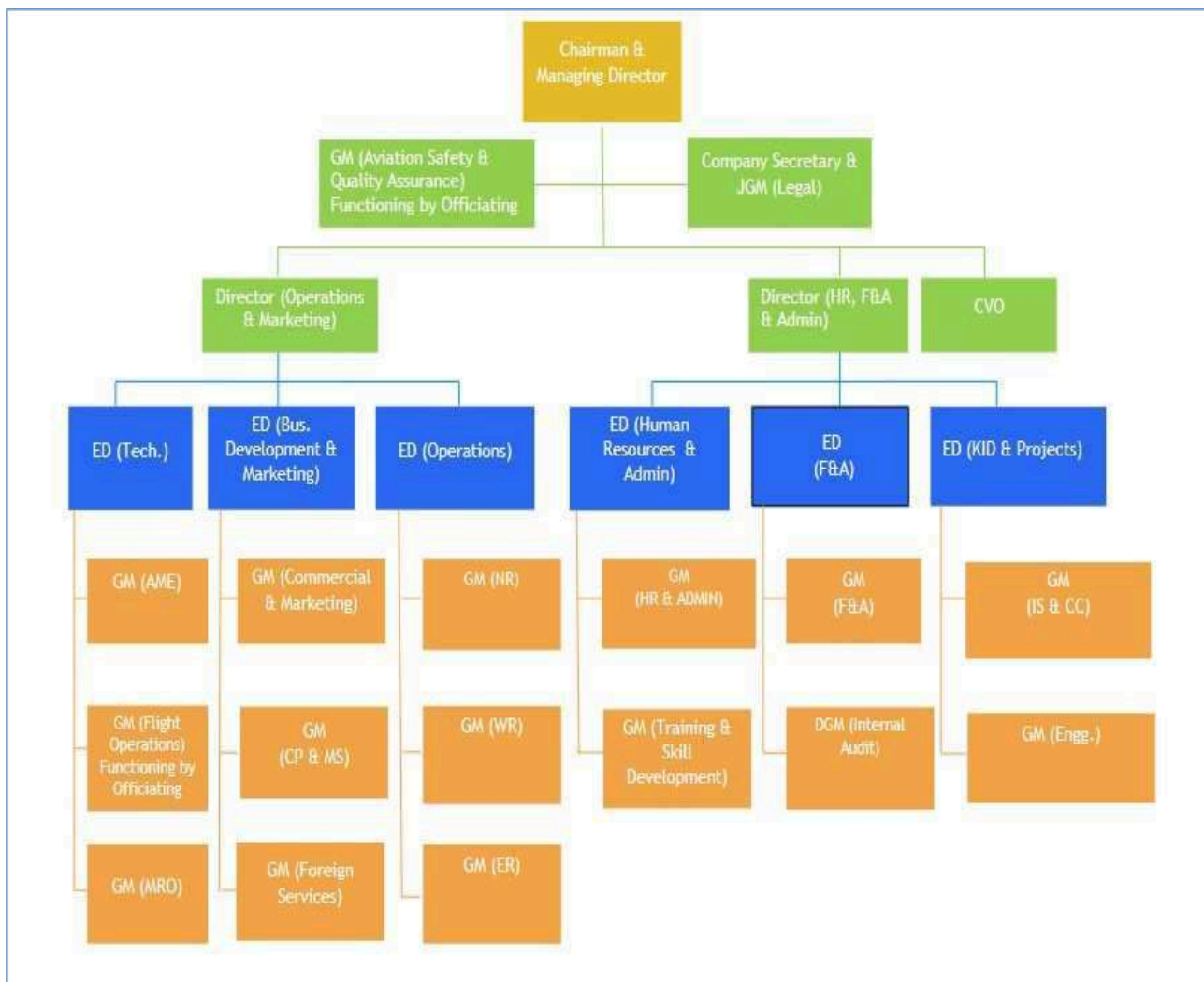
At the time of enrollment of students for the various courses of the University, assistance was given to prospective candidates for availing loan facility from various banks across the nation.

12. PAWAN HANS LIMITED (PHL)

12.1 ORGANIZATION

Pawan Hans Limited was incorporated in October, 1985 (under the name of 'Helicopter Corporation of India Limited') under the administrative control of Ministry of Civil Aviation with the primary objective of providing helicopter support services to the Oil & Gas sector in offshore exploration, operate in hilly and inaccessible areas, make available charter flights for promotion of travel and tourism, setting up of Training Institute of AME, pilots, operation of Sea Plane and setting up of specialized Institute for Safety Audit and Excellence and development of Infrastructure such as Heliports and Helipads. The Registered & Corporate Office of Pawan Hans is located at Noida and its Regional Offices are at Mumbai and New Delhi.

The Board of Directors of Pawan Hans comprises of Chairman & Managing Director and 6 other part-time Directors. These part-time Directors include two Independent Directors and 04 Government Nominee Directors i.e. JS-MoCA, JS&FA-MoCA, Executive Director, Chief Production JV Asset & BD-ONGC, ACAS (T&H)-Air Force.



12.2 CAPITAL STRUCTURE

The authorized and paid-up share capital of the Company is Rs. 560 crores and Rs.557.482 crores respectively. The ratio of shareholding of President of India and ONGC Ltd. is 51:49. Net worth of PHL as on 31.03.2024 is Rs. 877.05 crores. The equity shares of PHL have been admitted in the depository system of National Securities Depository Limited (NSDL) thereby enabling shareholders of the Company to dematerialize their share certificates. 1,95,050 equity shares of Rs.10,000/- each held by President of India have been dematerialized. The remaining equity shares i.e. 89,259 held by President of India are in physical form.

12.3 FLEET PROFILE

Pawan Hans is one of Asia's largest helicopter operators having a well-balanced own operational fleet of 46 helicopters including 1 ALH/Dhruv and 04 Sikorsky S-76D helicopters on lease at present with pan India presence.

The Company's operational fleet as on 31.03.2024 comprises of the following:-

Helicopter type	No. of helicopters	Average Age (years)
Dauphin SA365N	17*	36
Dauphin AS365 N3	14	15
Bell-407	3	19
Bell 206L4	2	27
AS 350 B3	2	12
MI-172	3	15
Dhruv (LEASED)	1	17
Sikorsky S 76D (LEASED)	04	10
Total	46	

* Five Dauphin SA365N Helicopters having vintage of over 33 years which were grounded since long due to obsolescence and have been approved as impaired Assets" by the Board.

Therefore, effective operational fleet comprises of 41 helicopters only.

12.4 FLEET DEPLOYMENT

Off-shore Operations

Pawan Hans is providing helicopter Transport Services for offshore operation of ONGC for carrying its men and vital supplies round the clock to drilling rigs situated in "Bombay High" off-shore platforms. At present 5 Dauphin N3 helicopters on contract with ONGC for production task.

On-shore Operations

The Company is providing helicopter services to several State Governments namely, Mizoram, Maharashtra, Tripura, Sikkim, UT of Daman & Diu, Administration of Andaman & Nicobar Islands, Lakshadweep Islands and UT of Ladakh. The Company is also providing helicopter services to corporate such as Hindustan Oil Exploration Company Ltd. and for Charter services.

Passenger Services

Pawan Hans runs the helicopter services from Phata to the Holy Shrine of Kedarnath during the May-June and September-October seasons every year. During the year under review, Pawan Hans operated helicopter services for Shri Amarnathji Shrine from Srinagar to Neelgrath/ Pahalgaon.

12.5 STRATEGIC DISINVESTMENT PROCESS OF PAWAN HANS

Government of India decided for strategic disinvestment of its entire 51% shareholding in Pawan Hans Limited along with transfer of management control which is in progress and a Consortium of three members (namely Star9 Mobility Pvt. Ltd.) was declared as highest bidder on April 29, 2022.

The Government of India has decided that successful bidding consortium M/s Star 9 Mobility Pvt Ltd is disqualified from the process of strategic disinvestment of Pawan Hans Ltd in terms of provisions of PIM and RFP. Further, the current EoI process for strategic disinvestment stands annulled on 3rd July, 2023.

12.6 HUMAN-RESOURCES DEVELOPMENT

The total manpower of the Company as on 31st March, 2024 was 558 (with 238 permanent employees and 320 contractual employees) which comprise of 86 pilots, 84 Aircraft Maintenance Engineers, 67 Executives, 149 Technicians and 172 other technical and non-technical employees as against 569 as on 31st March, 2023.

12.7 SAFETY MEASURES

The Company is pursuing safety in its operations and maintenance activities as a continuous process. Third party Safety (SMS) audits by Global Domain Experts are carried out as per requirement. Safety Policy of the Company has also been revised to include safety as a core activity of the Company.

12.8 FINANCIAL PERFORMANCE

Financial Results (Rupees in Lakhs)

Particulars	2022-23 Amount	2021-22 Amount
A) Revenue from Operations	40080.03	38223.20
B) Other Operating Income	1435.93	290.15
C) Total Operating Income	41515.96	38513.35
D) Operating Expenditure		
i) Helicopter Operational & Maintenance expenses	14212.13	12333.17
ii) Employees Benefits expenses	15758.19	15808.51
iii) Other Expenses	4272.59	3546.59
Total	34242.91	31688.27
E) Operating Profit/(Loss)	7273.05	6825.08
F) Other Non-Operating Income/ (Expenditure)		
i) Other Income	2688.76	2708.26
ii) Finance Cost	(803.80)	(545.38)
iii) Depreciation & Amortization	(9805.16)	(9377.24)
Total	(7920.20)	(7214.36)
G) Net Profit/(Loss) before Tax	(647.16)	(389.28)
H) Net Profit/(Loss) before Tax from Discontinued Operation	-	(498.27)
Total	(647.16)	(887.55)
I) (i) Deferred tax Assets/(Liabilities)	(1709.22)	(885.13)
(ii) Minimum Alternate Tax	-	-
J) Other comprehensive Income/loss	124.38	(55.13)
K) Net Profit/(Loss) after tax	(2232.00)	(1827.81)

Dividend

Due to losses incurred during the year 2022-23, PHL has not paid any dividend for the year under review.

12.9 NEW INITIATIVES

PHL successfully launched the helicopter services in Himachal Pradesh and Uttarakhand in 2019 and 2020 respectively and subsequently new routes were added during 2021, 2022 and 2023. The routes are as under:-

- Chandigarh-Shimla-Chandigarh (Six days a week) w.e.f. 28-02-2019.
- Shimla-Kullu-Shimla w.e.f. 13.05.2019. Further extended to Shimla-Mandi-Kullu-Mandi-Shimla w.e.f. 10th December, 2021 (Thrice a week).
- Shimla-Dharamshala-Shimla w.e.f. 14.05.2019. Further extended to Shimla-Mandi-Dharamshala-Mandi-Shimla w.e.f. 9th December, 2021 (Thrice a week)
- Dehradun New Tehri-Srinagar-Gauchar-Srinagar-New Tehri-Dehradun (Thrice a week) w.e.f. 29-07-2020
- Shimla-Rampur-Shimla w.e.f. 9th December, 2021 (Thrice a week).
- Dehradun-Gauchar-Dehradun w.e.f. 8th October, 2021 (Six days a week)
- Dehradun-Srinagar-Dehradun (Thrice a week)
- Dehradun-Haldwani/Pantnagar-Pithoragarh-Dehradun w.e.f. 8th October, 2021 (Six days a week)
- Dehradun-Haldwani/Pantnagar-Almora-Pithoragarh-Almora-Pantnagar/Haldwani-Dehradun w.e.f. 26th August, 2022.
- Dibrugarh-Jorhat-Tezpur-Guwahati-Tezpur-Jorhat-Dibrugarh (3 days/week) w.e.f. 8th February, 2023.

Governments of Himachal Pradesh, Uttarakhand, Karnataka, Manipur, Arunachal Pradesh, Meghalaya, Assam, Haryana, West Bengal and Tamil Nadu have engaged the services of PHL for providing Project Management Consultancy for developing and licensing / operational authorization of the heliports under development in their respective States.

Further, MoCA has designated PHL as the nodal agency for Centralized Procurement of all equipment including Communication, Security, Visual Aids and Fire fighting for all the 31 heliports under development across the five States of Himachal Pradesh, Uttarakhand, Manipur, Assam & Arunachal Pradesh under RCS UDAN-II'.

12.10 AWARDS

PHL has been awarded with the Trophy of Best Helicopter Operator by ASSOCHAM in its 14th International Conference on Civil Aviation held on 18th January, 2023 towards its contribution for the growth of Civil Aviation Sector.

12.11 EMERGING SCENARIO

Pawan Hans Limited is the largest helicopter Company in India and its operating and maintenance standards are of a high order. Pawan Hans's relentless pursuit continued in achieving excellence by effecting all round improvement in safety and performance.

12.12 HELIPORT IN DELHI

Pawan Hans Limited has developed and operationalized India's First Integrated Heliport in Rohini, Delhi.

In view of the land for Rohini Heliport was allotted by DDA directly in the name of Ministry of Civil Aviation on long term lease, the heliport at Rohini shall not form part of the proposed transaction of strategic sale/disinvestment. Therefore, the Ministry of Civil Aviation has decided that the Rohini Heliport assets shall be hived off from PHL's books before the completion of strategic divestment process to a special purpose vehicle.

The Scheme of Demerger for Rohini Heliport from Pawan Hans Limited to Rohini Heliport Limited on a going concern basis has been approved vide order dated 29.8.2022 passed by Jt. Secretary, Ministry of Corporate Affairs (MCA) with the appointed date of demerger as 1.4.2022. The Demerger Scheme is effective from 26.09.2022.

12.13 SWACHH BHARAT MISSION

Pawan Hans celebrated the Special Campaign 3.0 Swachhata Pakhwada from October 2nd to October 31st, 2023 under the supervision of MoCA. During the event, various activities were carried out, including extensive cleanliness drives, waste reduction, scrap disposal, tree plantation initiatives, closing of pending matters and weeding out physical and e-files. As part of the initiative and contributing to the "Swachhata Hi Seva" campaign, PHL also organized "Shramdan," a cleanliness drive at its corporate office, regional offices and bases.



PHL employees participating in Special Swachhata Campaign

12.14 POLLUTION CONTROL

Pawan Hans is endeavoring to maintain a pollution free environment and has been planting trees around its office premises in Noida, Delhi and Mumbai.

12.15 WOMEN WELFARE

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has in place, a committee for prevention prohibition and redressal of sexual harassment at workplace.

12.16 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MACHINERY

Pawan Hans mainly has long term contracts with selected customers like ONGC, State Governments and PSUs etc. Therefore, complaints received are minimal and are being dealt with promptly within the stipulated time. Pawan Hans has a prescribed public grievance procedure including CPGRAMS to settle any public grievance. Further there exists a Public Grievance Redressal Machinery dealing with the complaints by Nodal Officer at Corporate Office and Grievance Officer at Regions.

12.17 REPRESENTATION OF SC/ST AND OBC AS ON 31.03.2024

Total No. of Empls.	Total SC Empls.	% age	Total ST Empls.	% age	Total OBC Empls.	% age
238	45	18.90	25	10.50	26	10.92

12.18 HELICOPTER SERVICES IN THE NORTH EAST

Pawan Hans Ltd. is providing helicopter services to several State Governments namely Mizoram, Tripura and Sikkim and North Eastern Regions. Pawan Hans Limited has also launched helicopter services under RCS Scheme in Assam (3 days a week) on the route of Dibrugarh-Jorhat-Tejpur-Guwahati-Tejpur-Jorhat-Dibrugarh. Further, helicopter services under RCS Scheme have also been launched in Manipur in the month of March, 2024.

12.19 FACILITIES TO PERSONS WITH DISABILITIES

Besides following the Government of India Guidelines for granting the relaxation in recruitment, Pawan Hans Limited has made available various facilities for Persons with Disabilities like Toilets, Ramps, Lifts, Wheel Chairs etc. in the infrastructure at its Corporate Office, Northern Region and Western Region and facility of E- rickshaw to commute between different buildings etc. at Rohini Heliport in Sector 36, Delhi has also been provided to Persons with Disabilities (PwD).

In line with Government of India Guidelines, PwD employees have been extended payment of Additional Travelling Allowance at double the rate than other employees with effect from 10/06/2020.

12.20 VIGILANCE ACTIVITIES

The Company has a Vigilance Department headed by Chief Vigilance Officer. Vigilance Department has been actively pursuing its role in Preventive, Punitive, and Participative Vigilance as well as carrying out its role under Surveillance and Detective Functions.

To ensure transparency in the procurement processes, Integrity Pact has been adopted as per the guidelines of Central Vigilance Commission. In order to leverage technology, e-tendering, e-ticketing, e-payment and file tracking have been implemented.

Continuous monitoring and investigations carried out by the Vigilance department have instilled fear in the minds of wrong doers and at the same time boosted morale of honest and hard-working employees.

During the period Vigilance Department enquired into cases and necessary systemic improvements have been suggested to the management for their implementation to enhance transparency and accountability in the Company.

Vigilance department has also carried out periodical inspections of Bases/Regions of the company as a preventive vigilance to improve and simplify the existing procedures and practices prevailing in the organization. The inspections also focussed on the causes of delay and possible measures, so that suitable procedure may be devised to minimise such delays and reduce the scope of corruption.

12.21 USE OF OFFICIAL LANGUAGE

During the year under review, the Company has made significant progress towards implementation of various provisions of Government's Official Language Policy by celebrating Hindi Day/Pakhwada, holding Hindi Workshops and granting monetary incentives to winners of various competitions organized on the occasion of Hindi Pakhwada (14th – 28th September, 2023) besides complying with Section 3(3) and other provisions under the Official Language Act, 1963 as also of the Official Language Rules, 1976. The company has been rewarded 3rd prize for its in-house magazine "Hansdhvani" in the Inter Ministerial Departmental Competitions organized by Ministry of Civil Aviation for the year 2023.

12.22 CITIZEN CHARTER/WELFARE OF SENIOR CITIZENS

The Company has published Citizen's Charter on its website as per the format prescribed by the Ministry of Civil Aviation. Pawan Hans has been looking after Welfare of Senior Citizens by providing assistance to them wherever required during helicopter operations.

13. ACCOUNTING ORGANIZATION IN THE MINISTRY

13.1 Secretary (Civil Aviation) is the Chief Accounting Authority of the Ministry of Civil Aviation. He discharges his functions through and with the assistance of the Joint Secretary & Financial Adviser (JS&FA) and the Chief Financial Controller of the Ministry.

13.2 The Chief Financial Controller is the “Head of Department” for accounting organization and functions under the overall supervision and control of Financial Advisor.

As per para 1.3 of Civil Accounts Manual the Chief Financial Controller, for and on behalf of the Chief Accounting Authority is mainly responsible for:-

(a) Arranging all payments through the Pay and Accounts Offices/Principal Accounts Office except where the Drawing and Disbursing Officers are authorized to make certain types of payments.

(b) Compilation and consolidation of accounts of the Ministry and their submission in the prescribed form, to the Controller General of Accounts; preparation of Annual Appropriation Accounts of the Demands for Grants of his Ministry, getting them duly audited and submitting them to the CGA, duly signed by the Chief Accounting Authority.

(c) Arranging internal inspection of payment and accounts records maintained by the various subordinate formations and Pay and Accounts Offices of the Ministry.

The Accounting organization comprises of the Principal Accounts Office, Five Pay & Accounts Offices (two in Delhi and one each at Mumbai, Chennai & Kolkata) and an Internal Audit Wing located at New Delhi.

Budgetary provision for MoCA for the financial year 2023-24 given as under:

	(Rs. In crore)
Revenue Section	3026.70
Capital Section	86.66
Total	3113.36

For FY 2024-25:

	(Rs. In crore)
Revenue Section	2257.79
Capital Section	42.21
Total	2300.00

13.3 PRINCIPAL ACCOUNTS OFFICE

The Principal Accounts Office of Ministry of Civil Aviation is mainly responsible for:

- Consolidation of the accounts of Ministry of Civil Aviation as per provisions of Civil Accounts Manual and in the manner prescribed by the Controller General of Accounts.
- Preparation of Monthly Accounts and Annual Appropriation Accounts of the Demand for Grants of Ministry of Civil Aviation, submission of Statement of Central Transactions and the materials for the Finance Accounts to the Controller General of Accounts, Ministry of Finance.
- Issue of Inter Departmental Authorisation to various agent Ministries such as Ministry of External Affairs, Ministry of Urban Development, Ministry of Information and Broadcasting.
- Rendition of technical advice to Pay & Accounts Office and maintaining necessary liaison with office of the Controller General of Accounts for overall co-ordination and control in accounting matters.
- Preparation of Receipt Budget & Pension Budget.
- Coordination of the work related to PFMS, NTRP and implementation of CNA/SNA module.

13.4 PAY & ACCOUNTS OFFICE

Pay & Accounts Offices under the Ministry of Civil Aviation are responsible for releasing of funds, expenditure control, and other receipts & payment functions as under:-

- Pre-check of bills submitted by Non-cheque Drawing & Disbursing Officers (NCDDOs) of the Ministry, for payment.
- Assignment of funds to Cheque Drawing & Disbursing Officers (CDDOs) to operate to a certain level through issue of "LETTER OF CREDIT". Chief Commissioner of Railway Safety at Lucknow with Commissioner of Railway Safety offices at Bengaluru, Kolkata and Mumbai are the four CDDOs.
- Release/ payment of Grants-in-aid/ equity to Autonomous Bodies/ Public Sector Undertaking under the administrative control of Ministry of Civil Aviation.
- Compilation of the monthly account based on the receipts collected and the payments authorized by them after duly reconciling and incorporating

the accounts of cheque Drawing & Disbursing Officers (CDDOs) and submit it to the Principal Accounts Office.

- Maintenance of General Provident Fund accounts, and remittance of New Pension Scheme contribution to trustee banks. Settlement of Inward and outward claims. Authorization/ Payment of pension, family pension, commutation, gratuity, leave encashment etc to the retiring employees.
- Making available accounting information to all concerned authorities/divisions.
- Review of balances under DDS& R heads.

13.5 INTERNAL AUDIT

The Internal Audit Unit works directly under the Chief Financial Controller with overall responsibility remaining with the Financial Advisor and the Secretary of the Ministry. Internal Audit Wing is common for Ministry of Civil Aviation and Ministry of Tourism having sanctioned strength of four Assistant Accounts Officers and four Accountants/Sr. Accountants.

The role of the internal audit organization is to test check the initial account maintained in the executive offices to ascertain the extent of application of the rules & regulations, system and procedure in accounting and financial matters. In accordance with the audit objectives and internal audit standards, internal audit is carried out on the principle of random sampling. Internal Auditing is an independent operation and aims at helping the organization to accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of Risk Management, control and governance processes.

The Principal Accounts office, Pay and Accounts Offices as well as the offices of the Drawing and Disbursing Officers in Ministry of Civil Aviation are within the jurisdiction of Internal Audit. In addition to these offices Internal Audit Wing is required to audit the Autonomous Bodies/Grantee Institution.

The position of outstanding paras of Internal Audit is as under.

Total Units as on 31.03.2024	Outstanding paras as on 31.03.2024
64	500

13.6 REDRESSAL OF GRIEVANCES:

The Principal Accounts Office mainly receives grievances from Pensioners/ Family Pensioners & CPGRAM Portal. In addition to this, grievances are also received through mail / post. The majority of the grievances pertain to release of Pensionary benefits. To minimize such grievances, special attention is being given by Principal Account's office.

13.7 INITIATIVES FOR DIGITISATION OF PAYMENTS AND RECEIPT:

In accordance with the guidelines issued by the Ministry of Finance and Controller General of Accounts, the accounting organisation of Ministry of Civil Aviation has fully operationalized the payment deliverance platform by complete roll out of Public Financial Management System (PFMS) for overall improvement and transparency in the accounting function up to the implementing agency level.

13.8 PUBLIC FINANCIAL MANAGEMENT SYSTEM

The Public Financial Management System (PFMS) works with the objective of establishing an online Financial Management Information and Decision Support System for tracking funds released under various schemes of Government of India.

PFMS being a centralized and fully operationalized IT application for fund transfer is in a position to facilitate "Just in time budget release" and complete monitoring of utilization of funds up to end level beneficiaries. As per directions of Ministry of Finance autonomous bodies/grantee institutions are also requested to operate PFMS through CAN/SNA module.

The position of PAO, CDDO, NCDDO in respect of the Ministry are as under:

PAOs	CDDOs	NCDDOs
05	04	46

All the PAOs and DDOs have on boarded of PFMS and implemented its EIS module. All related reports are being generated through PFMS.

13.9 Non Tax Receipt Portal (NTRP)

The Non Tax receipt portal developed by Controller General of Accounts is a comprehensive end to end solution to overcome the delays and inefficiencies of the manual system. In order to abide by the guidelines of the Digital India

initiative Ministry of Finance Department of Economic Affairs has universalized the use of NTR Portal under Bharatkosh to collect all Non-Tax revenue receipt through electronic mode. In compliance thereof Ministry is now integrated with NTR Portal facilitating the online remission of Revenue receipts through Bharatkosh. All the fees, dividend, guarantee fees etc are now flowing through NTRP.

A sum of Rs.1051.67 Crores has been received through NTRP as on 31.03.2024.

14. WELFARE OF WOMEN

14.1 INTRODUCTION

The Ministry of Civil Aviation has taken suitable measures relating to women's welfare and convenient and hassle free working environment to the women members of the staff. The Ministry of Civil Aviation and organizations under its administrative control have constituted Internal Complaints Committee to examine complaints relating to sexual harassment of women at work places and to suggest remedial measures to prevent such harassment. The position of women's welfare/ cases of sexual harassment in the Ministry and its organizations is being monitored periodically and necessary action is taken wherever called for.

14.2 BUREAU OF CIVIL AVIATION SECURITY

Problems of the women employees, as and when reported, are promptly attended to and resolved, keeping in view specific requirements of Government Policy on the subject. An Internal Complaints Committee for addressing the complaints of sexual harassment at workplace has been reconstituted comprising Chairman at DDG level and one member from NGO.

14.3 COMMISSION OF RAILWAY SAFETY

The offices of the Commission of Railway Safety are generally located in premises of local Railway office. The complexes and facilities provided there such as toilets, crèche, tiffin room etc. are availed by the female employees of the Commission also. The instructions on welfare of women employees, issued by Government of India from time to time are being strictly implemented.

14.4 AIRPORTS AUTHORITY OF INDIA

With an objective to encourage wider women participation in recruitment activities, AAI does not charge any registration fee from women candidates in all its recruitment activities.

14.5 INDIRA GANDHI RASHTRIYA URAN AKADEMI

IGRUA has fifteen women employees (1 Regular + 14 Contractual) and their welfare is being looked after through normal administrative channels. An Internal Complaints Committee (ICC) comprising six members is in place to deal with complaints regarding sexual harassment at work place.

14.6 PAWAN HANS LIMITED

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has in place, a committee for prevention, prohibition and redressal of sexual harassment at workplace.

14.7 AIRPORT ECONOMIC REGULATORY AUTHORITY OF INDIA

AERA has 19 Women employees comprising of officers/staff on deputation from Central Government & other organizations and support staff working on outsourced basis. Adequate women welfare measures like provision of transport/ vehicle for pick up/ drop at home in case of medical emergency or early arrival/ late departure from office due to official exigencies of work; organization of talk on specific women health issues by Gynaecologist; dedicated female housekeeping staff for female washrooms etc. have been made available in the office premises.

14.8 RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

For the safety of girl students and women employees at the University campus (both academic as well as residential campus), an Internal Complaints Committee (ICC) has been constituted in accordance with the provisions of the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013". The broad functions of the ICC are to take note of any violation of the basic principles of gender sensitivity and gender justice in the University campus and act against the same as deemed appropriate. Keeping in view the safety and security of girl students, the hostel accommodation has been divided into two parts by creating partition in between the girls and boys hostel area. Also, provision of CCTV cameras, Asst. Lady Warden and Lady Security Guards are available for safety and security of girl students in the Hostel block.

15. FACILITIES TO PERSONS WITH DISABILITIES

15.1 IMPLEMENTATION OF GUIDELINES

In line with the national and international commitment for creating a fully accessible built environment, the Ministry of Civil Aviation undertook the significant initiative of developing the 'Accessibility Standards and Guidelines for Civil Aviation, 2022.' These guidelines have been meticulously crafted to address the specific accessibility requirements of individuals with disabilities, the elderly, women, children, and other user groups with unique needs, within the context of the built environments and services associated with air travel. The overarching objective of these guidelines is to pave the way for universally accessible and inclusive air travel.

To realise this vision, the Ministry of Civil Aviation has collaborated closely with the Ministry for Social Justice and Empowerment to formulate harmonised guidelines and space standards for creating barrier-free built environments and services, particularly tailored to the needs of Persons with Reduced Mobility (PRMs) at airports across India.

These comprehensive guidelines encompass a comprehensive set of accessible features and services that must be provided by airport operators, airlines, and security agencies. The 'Accessibility Standards and Guidelines for Civil Aviation' have been formally approved and subsequently published via an official notification dated January 9, 2023, in the Gazette of India. This notification mandates compliance with the stipulated guidelines.

15.2 AIRPORTS AUTHORITY OF INDIA

AAI is proactively implementing the general guidelines encompassing ten key accessibility features, as prescribed by the Ministry of Social Justice and Empowerment, at all airports to enhance accessibility. These features encompass:

- Accessible Route/Approach
- Accessible Parking
- Accessible Entrance to the Building
- Accessible Reception (Helpdesk)
- Accessible Corridor/Tactile Flooring
- Accessible Lifts
- Staircases with Handrails (in main passenger movement zones)
- Accessible Toilets
- Accessible Drinking Water Facilities
- Signage

This concerted effort is part of AAI's commitment to ensuring that all individuals, regardless of their specific needs, can enjoy the benefits of air travel in a dignified and inclusive manner.

15.3 DIRECTORATE GENERAL OF CIVIL AVIATION

DGCA has procured one wheel chair for easy accessibility by physically disabled persons. Ramps and washroom dedicated to PwDs have also been constructed in DGCA.

15.4 BUREAU OF CIVIL AVIATION SAFETY

In order to better serve passengers with disabilities and/or with reduced mobility and to improve screening experience of such passengers along with carried mobility aids and assistive devices, the Standard Operating Procedure (SOP) has been laid down and uploaded at BCAS website for opinion of general people. This will improve the air travel screening process and to ensure that all persons, regardless of their personal needs and situations are treated with dignity, respect and courtesy.

15.5 COMMISSION OF RAILWAY SAFETY

CRS follows Government of India & Ministry of Civil Aviation's instructions for facilitating the persons with Disabilities.

15.6 INDIRA GANDHI RASHTRIYA URAN AKADEMI

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities has been implemented and due consideration is being given to disabled persons, wherever possible.

15.7 RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

To provide easy access to persons with disabilities, ramps have been provided in the academic building. Separate toilets have also been made for easy use by persons with physical disabilities in academic building of RGNAU. Adequate lighting is provided in all areas of academic building to help visually impaired persons.

15.8 AIRPORT ECONOMIC REGULATORY AUTHORITY

As on March 31, 2024, no person with disabilities is employed in AERA. However, office of the Authority is enabled to facilitate people with disabilities as per government guidelines including the AERA website www.aera.gov.in, which is disabled friendly.

16. REPRESENTATIVE OF INDIA (RoI) IN THE COUNCIL OF ICAO

16.1 OFFICE OF REPRESENTATIVE OF INDIA AT ICAO

India maintains a permanent office of the Delegation of India in ICAO which comprises the Representative of India (ROI), Technical Advisor, and two other non-executive staff.

Representative of India: Angshumali Rastogi. (From 05.09.2023 to 05.09.2026)

Technical Advisor to RoI: Ajay Bhaskar Joshi. (From 07.01.2021 to 31 May 2024)

16.2 CONTRIBUTIONS TO THE ICAO REGULAR BUDGET IN 2023.

As a member State, India made a contribution of CAD 670,013 and USD 352,995 in 2023 to the ICAO regular budget (based on scale: 0.99%).

16.3 COUNCIL AND ANC SESSIONS OF 2023-2024

The following sessions of the Committee and the Council phase were held/scheduled from January to December 2023:

Session No.	From	To
228 th Session	30 th January 2023	30 th March 2023
229 th Session	3 rd May 2023	23 rd June 2023
230 th Session	29 th August 2023	10 th November 2023
231 st Session	31 st January 2024	23 rd March 2024

Meetings of the Air Navigation Commission (ANC) were held in parallel to consider technical matters and prepare recommendations for the Council.

Many important decisions have been taken in these sessions and Indian Delegation actively participated in all sessions. Throughout the year updates on important issues arising out of Council and ANC were flagged to MOCA, DGCA, & other stakeholders through emails, reports, newsletters, etc. Many important issues like Cost Recovery for the Provision of Space Weather Information Services, Cybersecurity, Celebration for International Civil Aviation Day 2024 and the ICAO 80th Anniversary Theme, Seventy-Fifth Anniversary of Annex 9 — Facilitation and 2024 as the Year of Facilitation, CORSIA update and implementation, financing for aviation CO2 emissions reduction measures, Remotely Piloted Aircraft Systems, Settlement of Differences between Member States were discussed and several amendments to almost all the ICAO Annexes and PANS were approved.

16.4 ICAO PRE-CAAF/3 OUTCOMES CONSULTATION AND OTHER EVENTS.

The pre-CAAF/3 Outcomes Consultation event was organized in September 2023 to seek some convergence of views on possible outcomes of the Third Conference on Aviation and Alternative Fuels (CAAF/3). Earlier as a prelude to CAAF/3 Regional seminars were organized in April-May and a stocktaking event was organised in July 2023. The Stocktaking and Consultation Event was held in ICAO HQs, Montreal from 11 – 13 July 2023 in a hybrid format. The participation of India was quite robust and due to efforts of the Delegation of India at ICAO, the International Solar Alliance, Council for Scientific and Industrial Research - Indian Institute of Petroleum (CSIR-IIP), and the Representative of India, were invited as speakers in the event. The High-Level Delegation from India included the Director General of Civil Aviation, Mr. Vikram Devdutt.

The discussions at the meeting covered potential policies aimed at promoting the uptake of cleaner energy; mechanisms for supporting the practical implementation of clean energy initiatives; assistance and capacity-building activities together with financial aspects to accelerate the development and deployment of clean energy solutions for aviation.



16.5 ICAO'S THIRD CONFERENCE ON AVIATION AND ALTERNATIVE FUELS.

The third International Civil Aviation Organization (ICAO) Conference on Aviation and Alternative Fuels (CAAF/3) was held in Dubai, United Arab Emirates from 20 to 24 November 2023. The conference was attended by over 1000 delegates from more than 100 Member States of ICAO. India was represented by a six-member strong delegation led by the Secretary (Civil Aviation). The Conference started on 20 November 2023 with the high-level statements from States. Mr. Vumlunmang Vualnam, Secretary, MoCA

delivered India's Statement at the conference.

The next four days were focussed on intense discussions and negotiations on the four key elements of the framework. The most intense discussions and negotiations were for the quantified element of the aspirational vision. Indian focused delegation, along with other Like-Minded Countries played a significant role in bridging the gap between the positions of developed and developing States while forcefully conveying the concerns of the developing States. As a result, the global framework addresses almost all our concerns.



Secretary CA Mr. Vualnam delivering India's statement at CAAF/3

16.6 RATIFICATION OF PROTOCOLS RELATED TO INCREASE OF ICAO COUNCIL MEMBERS AND AIR NAVIGATION COMMISSION

The original instruments of ratification of protocol relating to Article 50(a) and Article 56 by the Government of India were deposited by ROI Mr. Angshumali Rastogi with the Secretary General of ICAO on 30th November 2023.

The protocol relating to an Amendment to the Convention on International Civil Aviation, Article 50(a), proposes to increase the number of Council members from 36 to 40.

The protocol relating to an Amendment to the Convention on International Civil Aviation, Article 56, proposes to increase the number of Air Navigation Commissioners from 19 to 21.



16.7 "DIGITAL AVIATION: THE FUTURE IS NOW" ICAO INNOVATION FAIR 2024

The theme of the 2024 ICAO Innovation Fair was "Digital Aviation: The Future is Now" and was held over three days at ICAO headquarters on 12th, 13th, and 14th March 2024. Keynote address at the Innovation Fair 2024 was delivered by Mr. Vumlunmang Vualnam, Permanent Secretary (Civil Aviation), India. The address which made quite an impact informed the audience about the significant strides the aviation sector in India has taken, the bright future, and engagement with innovation particularly the digitalization of the sector. Mr. Vualnam commended ICAO for its efforts to mainstream innovation as the aviation world is fast-embracing digitalization of services for greater security, safety, efficiency, and convenience for passengers and other customers. Secretary CA Mr. Vualnam also held important meetings with the President and Secretary General and industries like Airbus, Bombardier, SAF Plus Consortium.



16.8 BEST PRACTICES SERIES

Four important workshops were organized by the Delegation of India at ICAO during 2023 to share knowledge and insights on the following topics;

Space-based ADS-B separations: The two-part workshop was organized where ICAO Secretariat and Nav Canada guided participants from India about the implementation of the efficient separation technique in the oceanic airspace of Indian FIRs. This initiative has the potential to double the capacity of the oceanic airspace.

The new Mental Health Guidelines: Experts from ICAO guided new mental health guidelines for Air Traffic Controllers in India benefiting the safety as well as the personnel.

Proposed new Obstacle Limitation Surfaces: A paradigm shift is expected in the Obstacle Limitation Surfaces around airports when the proposed new OLS amendment is accepted. A workshop was organized to introduce the experts from India to the new concepts.

Effective participation in ICAO Panels: The Delegation of India teamed up with the Air Navigation Commission and Air Navigation Bureau to organize a workshop for ICAO Panel members and advisors from India to guide them about effective participation in the work of Panels.

16.9 THE INDIAN DELEGATION PARTICIPATED IN MANY WEBINARS AND MEETINGS DURING THE YEAR, SOME OF THE SIGNIFICANT ONES ARE:

Event	Duration (YYYY-MM-DD)	Place
2024 ICAO Innovation Fair	2024-03-12 - 2024-03-14	ICAO HQ, Montréal, Canada
DRONE ENABLE 2023 Symposium	2023-12-05 - 2023-12-07	ICAO HQ, Montréal, Canada
CAAF/3	2023-11-20 - 2023-11-24	Dubai, UNITED ARAB EMIRATES
ICAO Security Week 2023	2023-10-23 - 2023-10-27	ICAO HQ, Montréal, Canada
Eighteenth ICAO TRIP and INTERPOL Biometrics Forum	2023-09-12 - 2023-09-14	ICAO HQ, Montréal, Canada
ICAO Air Navigation World 2023 – Shaping the Skies of Tomorrow	2023-08-28 - 2023-08-31	ICAO HQ, Montréal, Canada
Global Aviation Gender Summit	2023-07-05 - 2023-07-07	Madrid, Spain
Third Meeting of ICAO Industry Consultative Forum	2023-12-06 2023-06-13	Virtual
ICAO Global Implementation Support Symposium 2023	2023-05-30 - 2023-06-01	Seoul, Republic of Korea
UTM as an Enabler for Collaborative Operating Environments	2023-05-30 - 2023-05-30	Virtual

16.10 REPUBLIC DAY CELEBRATIONS

The Delegation of India organised a reception on 26th January 2024 for the International Civil Aviation Organisation fraternity to celebrate the 75th Republic Day. The reception was attended by the President of the ICAO Council, the Secretary-General, Council Representatives, Air Navigation Commissioners, and senior management of the ICAO. The evening featured many elements of Indian tradition like flower *rangoli*, lamp lighting, a Sarod recital by eminent musician Raja Bhattacharya, a *Kathak* performance by an ensemble known as “Art of *Kathak*” and Indian Cuisine. During his address, the President of the ICAO Council praised the massive and fast-paced development of the civil aviation sector in India in the last decade. He also acknowledged and thanked the Delegation of India for the proactive approach in supporting various initiatives of ICAO.



16.11 YOGA AT ICAO.

The 8th International Yoga Day was celebrated with aplomb at ICAO as the Indian Delegation to ICAO organized a comprehensive event within the premises of ICAO, in which more than 120 people from different national delegations and the ICAO Secretariat participated. The first-ever official Yoga event at ICAO embarked with a 30-minute rejuvenating Yoga Session, followed by a cultural performance and, in the end, Indian food. The Yoga Session was conducted by Mr. Pulkit Kantawala, a renowned Yoga Instructor based in Montreal with 30 years of teaching experience.

ANNEXURE I**List of Airports**

Sl. No.	Number of Airports	Number of Operational Airports
AAI Airports	133	110
Non-AAI JV Airports	7	7
State Govt./Private Airports (including Heliport & Water Aerodrome)	40	40
Total	180	157
Category wise breakup	Nos	
International Airports	33	
Custom Airports	11	
Domestic Airports	98	
Heliports	13	
Water Aerodrome	2	
Total	157*	

* 14 airports are PPP airports

INTERNATIONAL AIRPORTS

SL. NO.	STATE / UT	NAME OF AIRPORT	AIRPORT OWNER	AIRPORT OPERATOR
1	A&N ISLAND (UT)	PORT BLAIR	INDIAN NAVY	AAI
2	ANDHRA PRADESH	TIRUPATI	AAI	AAI
3	ANDHRA PRADESH	VIJAYAWADA	AAI	AAI
4	ASSAM	GUWAHATI (LGBI)	AAI	GIAL (PPP)
5	DELHI (UT)	DELHI (DIAL), IGI AIRPORT	AAI	DIAL (PPP)
6	GOA	GOA	INDIAN NAVY	AAI
7	GOA	NEW GOA (MOPA)	STATE	GGIAL (PPP)
8	GUJARAT	AHMEDABAD (SVBPI)	AAI	AIAL (PPP)
9	GUJARAT	RAJKOT (HIRASAR)	AAI	AAI
10	GUJARAT	SURAT	AAI	AAI
11	JAMMU & KASHMIR (UT)	SRINAGAR	INDIAN AIR FORCE	AAI
12	KARNATAKA	MANGALURU	AAI	MIAL (PPP)
13	KARNATAKA	BENGALURU (BIAL)	JV	BIAL (PPP)
14	KERALA	CALICUT	AAI	AAI
15	KERALA	THIRUVANANTHAPURAM	AAI	TRV Kerala (PPP)
16	KERALA	COCHIN (CIAL)	JV	CIAL (PPP)
17	KERALA	KANNUR (KIAL)	JV	KIAL (PPP)
18	MAHARASHTRA	MUMBAI (MIAL), CSMI AIRPORT	AAI	MIAL (PPP)
19	MAHARASHTRA	NAGPUR	JV	MIHAN (MADC & AAI)
20	MAHARASHTRA	SHIRDI	STATE	STATE
21	MANIPUR	IMPHAL	AAI	AAI
22	ODISHA	BHUBANESWAR	AAI	AAI

23	PUNJAB	AMRITSAR	AAI	AAI
24	RAJASTHAN	JAIPUR	AAI	JIAL (PPP)
25	TAMIL NADU	CHENNAI	AAI	AAI
26	TAMIL NADU	COIMBATORE	AAI	AAI
27	TAMIL NADU	TIRUCHIRAPPALLI	AAI	AAI
28	TELANGANA	HYDERABAD (HIAL)	JV	HIAL (PPP)
29	UTTAR PRADESH	KUSHINAGAR	AAI	AAI
30	UTTAR PRADESH	VARANASI	AAI	AAI
31	UTTAR PRADESH	LUCKNOW	AAI	LIAL (PPP)
32	UTTAR PRADESH	AYODHYA	AAI	AAI
33	WEST BENGAL	KOLKATA (NSCI)	AAI	AAI

CUSTOM AIRPORTS

SL. NO.	STATE / UT	NAME OF AIRPORT	AIRPORT OWNER	AIRPORT OPERATOR
1	ANDHRA PRADESH	VISAKHAPATNAM	INDIAN NAVY	AAI
2	BIHAR	GAYA	AAI	AAI
3	BIHAR	PATNA	AAI	AAI
4	CHANDIGARH (UT)	CHANDIGARH	INDIAN AIR FORCE	CHIAL
5	GUJARAT	VADODARA	AAI	AAI
6	MADHYA PRADESH	INDORE	AAI	AAI
7	MAHARASHTRA	AURANGABAD	AAI	AAI
8	MAHARASHTRA	PUNE	INDIAN AIR FORCE	AAI
9	TAMIL NADU	MADURAI	AAI	AAI
10	TRIPURA	AGARTALA	AAI	AAI
11	WEST BENGAL	BAGDOGRA	INDIAN AIR FORCE	AAI

DOMESTIC AIRPORTS

S.NO.	NAME OF AIRPORT	S.NO.	NAME OF AIRPORT
1	KADAPA	25	JABALPUR
2	RAJAHMUNDRY	26	KHAJURAHO
3	TEZU	27	AKOLA
4	DONYI POLO (ITANAGAR)	28	GONDIA
5	DIBRUGARH (MOHANBARI)	29	JALGAON
6	LILABARI (NORTH LAKHIMPUR)	30	JUHU
7	RUPSI	31	KOLHAPUR
8	RAIPUR	32	SOLAPUR
9	DIU	33	BARAPANI (SHILLONG)
10	SAFDARJUNG	34	DIMAPUR
11	BHAVNAGAR	35	JHARSUGUDA
12	KANDLA	36	PUDUCHERRY
13	KESHOD (JUNAGARH)	37	LUDHIANA
14	PORBANDAR	38	KISHANGARH
15	KANGRA (GAGGAL)	39	KOTA
16	KULLU MANALI (BHUNTAR)	40	UDAIPUR
17	SHIMLA	41	PAKYONG
18	RANCHI	42	SALEM
19	BELAGAVI	43	TUTICORIN
20	HUBBALLI	44	HYDERABAD (BEGUMPET)
21	KALABURAGI	45	KANPUR (CIVIL)
22	MYSURU	46	MEERUT
23	AGATTI	47	MORADABAD
24	BHOPAL	48	DEHRADUN

S.NO.	NAME OF AIRPORT	S.NO.	NAME OF AIRPORT
49	PANTNAGAR	74	KURNOOL
50	BEHALA	75	ZIRO
51	COOCH BEHAR	76	JAGDALPUR
52	DEOGHAR	77	BILASPUR
53	JORHAT	78	MUNDRA
54	SILCHAR	79	HISAR
55	TEZPUR	80	JAMSHEDPUR
56	DARBHANGA	81	BENGALURU (HAL)
57	BHUJ	82	JINDAL VIJAYANAGAR
58	JAMNAGAR	83	SHIVAMOGGA
59	JAMMU	84	NANDED
60	LEH	85	NASIK (HAL OZAR)
61	GWALIOR	86	SINDHUDURG
62	ADAMPUR (JALANDHAR)	87	LENGPUI (AIZWAL)
63	BHATINDA	88	JEYPORE
64	PATHANKOT	89	UTKELA
65	BIKANER	90	PITHORAGARH
66	JAISALMER	91	DURGAPUR
67	JODHPUR	92	PASSIGHAT (CE)
68	AGRA	93	BIDAR
69	BAREILLY	94	ROURKELA
70	GORAKHPUR	95	ALIGARH
71	HINDAN	96	AZAMGARH
72	KANPUR (CHAKERI)	97	CHITRAKOOT
73	PRAYAGRAJ	98	SHRAVASTI

HELIPORTS AND WATER AERODROMES

SL. NO.	NAME OF AIRPORT (Heliport-H) (Water Aerodrome)
1	RAMPUR(H)
2	MANDI(H)
3	JIRIBAM
4	TAMENGLONG
5	ALMORAH (H)
6	CHAMPAWAT (H)
7	CHINYALI SAUR (H)
8	GAUCHER (H)
9	MUNSYARI (H)
10	NEW TEHRI(H)
11	SAHASTRADHARA(H)
12	SRINAGAR(H)
13	HALDWANI(H)
SL. NO.	NAME OF AIRPORT (Water Aerodrome)
1	SABARMATI RIVER FRONT
2	STATUE OF UNITY

PPP AIRPORTS IN THE COUNTRY

S. No.	Airport	Name of the Joint Ventures/Subsidiaries	Year of Operationalisation/COD	Lease Period for airport operations (w.e.f. COD)
1.	Cochin	Cochin International Airport Ltd.(CIAL)	1999	No lease
2.	Hyderabad	Hyderabad International Airport Pvt. Ltd. (HIAL)	2008	30 years (extendable for another 30 years)
3.	Bengaluru	Bangalore International Airport Pvt. Ltd. (BIAL)	2008	30 years (extendable for another 30 years)
4.	Durgapur	Bengal Aerotropolis Project Limited (BAPL)	2015	90 years
5.	Kannur	Kannur International Airport Ltd.(KIAL)	2018	No lease
6.	Delhi	Delhi International Airport Pvt. Ltd. (DIAL)	2006	30 years (extendable for another 30 years)
7.	Mumbai	Mumbai International Airport Pvt. Ltd. (MIAL)	2006	30 years (extendable for another 30 years)
8.	Mangaluru	Mangaluru International Airport Ltd.	2020	50 years
9.	Lucknow	Lucknow International Airport Ltd.	2020	50 years
10.	Ahmedabad	Ahmadabad International Airport Ltd.	2020	50 years
11.	Guwahati	Guwahati International Airport Ltd.	2021	50 years
12.	Jaipur	Jaipur International Airport Ltd.	2021	50 years
13.	Thiruvananthapuram	Thiruvananthapuram International Airport Ltd.	2021	50 years
14.	Mopa	GMR Goa International Airport Limited	2023	40 years

Annexure II**List of RCS Routes operationalized Financial Year wise**

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
Financial Year 2017-18 (Total 48 Nos.)					
1.	BHATINDA (Punjab)	DELHI	Alliance Air	27-04-2017	UDAN 1.0
2.	DELHI	BHATINDA (Punjab)	Alliance Air	27-04-2017	UDAN 1.0
3.	SHIMLA (HP)	DELHI	Alliance Air	27-04-2017	UDAN 1.0
4.	DELHI	SHIMLA (HP)	Alliance Air	27-04-2017	UDAN 1.0
5.	KADAPA (Andhra Pradesh)	HYDERABAD (Telangana)	Trujet	27-04-2017	UDAN 1.0
6.	Hyderabad (Telangana)	KADAPA (Andhra Pradesh)	Trujet	27-04-2017	UDAN 1.0
7.	Nanded (Maharashtra)	HYDERABAD (Telangana)	Trujet	27-04-2017	UDAN 1.0
8.	Hyderabad (Telangana)	NANDED (Maharashtra)	Trujet	27-04-2017	UDAN 1.0
9.	GWALIOR (MP)	DELHI	Alliance Air	31-05-2017	UDAN 1.0
10.	GWALIOR (MP)	INDORE (MP)	Alliance Air	31-05-2017	UDAN 1.0
11.	INDORE (MP)	GWALIOR (MP)	Alliance Air	31-05-2017	UDAN 1.0
12.	KANDLA (Gujarat)	MUMBAI (Maharashtra)	Spicejet	10-07-2017	UDAN 1.0
13.	Mumbai (Maharashtra)	KANDLA (Gujarat)	Spicejet	10-07-2017	UDAN 1.0
14.	PORBANDAR (Gujarat)	MUMBAI (Maharashtra)	Spicejet	10-07-2017	UDAN 1.0
15.	Hyderabad (Telangana)	PONDICHERRY	Spicejet	16-08-2017	UDAN 1.0
16.	PONDICHERRY	HYDERABAD (Telangana)	Spicejet	16-08-2017	UDAN 1.0
17.	DELHI	LUDHIANA (Punjab)	Alliance Air	02-09-2017	UDAN 1.0
18.	LUDHIANA (Punjab)	DELHI	Alliance Air	02-09-2017	UDAN 1.0
19.	CHENNAI (Tamil Nadu)	MYSORE (Karnataka)	Trujet	20-09-2017	UDAN 1.0
20.	MYSORE (Karnataka)	CHENNAI (Tamil Nadu)	Trujet	20-09-2017	UDAN 1.0
21.	Hyderabad (Telangana)	VIDYANAGAR (Karnataka)	Trujet	21-09-2017	UDAN 1.0
22.	VIDYANAGAR (Karnataka)	HYDERABAD (Telangana)	Trujet	21-09-2017	UDAN 1.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
23.	BIKANER (Rajasthan)	DELHI	Alliance Air	26-09-2017	UDAN 1.0
24.	DELHI	BIKANER (Rajasthan)	Alliance Air	26-09-2017	UDAN 1.0
25.	Jaipur (Rajasthan)	JAISALMER (Rajasthan)	Spicejet	29-10-2017	UDAN 1.0
26.	Jaisalmer (Rajasthan)	JAIPUR (Rajasthan)	Spicejet	29-10-2017	UDAN 1.0
27.	CHENNAI (Tamil Nadu)	KADAPA (Andhra Pradesh)	Trujet	16-11-2017	UDAN 1.0
28.	KADAPA (Andhra Pradesh)	CHENNAI (Tamil Nadu)	Trujet	16-11-2017	UDAN 1.0
29.	Mumbai (Maharashtra)	NANDED (Maharashtra)	Trujet	16-11-2017	UDAN 1.0
30.	Nanded (Maharashtra)	MUMBAI (Maharashtra)	Trujet	16-11-2017	UDAN 1.0
31.	AGRA (UP)	JAIPUR (Rajasthan)	Alliance Air	08-12-2017	UDAN 1.0
32.	Jaipur (Rajasthan)	AGRA (UP)	Alliance Air	08-12-2017	UDAN 1.0
33.	AHMEDABAD (Gujarat)	JAMNAGAR (Gujarat)	Deccan Air	17-02-2018	UDAN 1.0
34.	JAMNAGAR (Gujarat)	AHMEDABAD (Gujarat)	Deccan Air	17-02-2018	UDAN 1.0
35.	AHMEDABAD (Gujarat)	MUNDRA (Gujarat)	Deccan Air	17-02-2018	UDAN 1.0
36.	MUNDRA (Gujarat)	AHMEDABAD (Gujarat)	Deccan Air	17-02-2018	UDAN 1.0
37.	AHMEDABAD (Gujarat)	DIU	Deccan Air	24-02-2018	UDAN 1.0
38.	DIU	AHMEDABAD (Gujarat)	Deccan Air	24-02-2018	UDAN 1.0
39.	BHATINDA (Punjab)	JAMMU (J&K)	Alliance Air	27-02-2018	UDAN 2.0
40.	JAMMU (J&K)	BHATINDA (Punjab)	Alliance Air	27-02-2018	UDAN 2.0
41.	BANGALORE (Karnataka)	VIDYANAGAR (Karnataka)	Trujet	01-03-2018	UDAN 1.0
42.	VIDYANAGAR (Karnataka)	BANGALORE (Karnataka)	Trujet	01-03-2018	UDAN 1.0
43.	KADAPA (Andhra Pradesh)	VIJAYAWADA (Andhra Pradesh)	Trujet	01-03-2018	UDAN 1.0
44.	VIJAYAWADA (Andhra Pradesh)	KADAPA (Andhra Pradesh)	Trujet	01-03-2018	UDAN 1.0
45.	CHENNAI (Tamil Nadu)	SALEM (Tamil Nadu)	Trujet	25-03-2018	UDAN 1.0
46.	SALEM (Tamil Nadu)	CHENNAI (Tamil Nadu)	Trujet	25-03-2018	UDAN 1.0
47.	BIKANER (Rajasthan)	JAIPUR (Rajasthan)	Alliance Air	27-03-2018	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
48.	Jaipur (Rajasthan)	BIKANER (Rajasthan)	Alliance Air	27-03-2018	UDAN 2.0
Financial Year 2018-19 (Total 100 Nos.)					
1.	DELHI	PATHANKOT (Punjab)	Alliance Air	05-04-2018	UDAN 1.0
2.	PATHANKOT (Punjab)	DELHI	Alliance Air	05-04-2018	UDAN 1.0
3.	Kolkata (West Bengal)	TEZPUR (Assam)	Zoom Air	26-04-2018	UDAN 2.0
4.	TEZPUR (Assam)	KOLKATA (WB)	Zoom Air	26-04-2018	UDAN 2.0
5.	ADAMPUR (Punjab)	DELHI	Spicejet	01-05-2018	UDAN 1.0
6.	DELHI	ADAMPUR (Punjab)	Spicejet	01-05-2018	UDAN 1.0
7.	AHMEDABAD (Gujarat)	BHAVNAGAR (Gujarat)	Deccan Air	01-05-2018	UDAN 1.0
8.	BHAVNAGAR (Gujarat)	AHMEDABAD (Gujarat)	Deccan Air	01-05-2018	UDAN 1.0
9.	CHENNAI (Tamil Nadu)	HUBLI (Karnataka)	Spicejet	14-05-2018	UDAN 2.0
10.	Hubli (Karnataka)	CHENNAI (Tamil Nadu)	Spicejet	14-05-2018	UDAN 2.0
11.	Hubli (Karnataka)	HYDERABAD (Telangana)	Spicejet	14-05-2018	UDAN 2.0
12.	Hyderabad (Telangana)	HUBLI (Karnataka)	Spicejet	14-05-2018	UDAN 2.0
13.	Prayagraj (UP)	LUCKNOW	Jet Airways	14-06-2018	UDAN 2.0
14.	Lucknow (UP)	PRAYAGRAJBAD (UP)	Jet Airways	14-06-2018	UDAN 2.0
15.	Prayagraj (UP)	PATNA (Bihar)	Jet Airways	14-06-2018	UDAN 2.0
16.	PATNA (Bihar)	PRAYAGRAJBAD (UP)	Jet Airways	14-06-2018	UDAN 2.0
17.	DELHI	OZAR(Maharashtra)	Jet Airways	15-06-2018	UDAN 2.0
18.	OZAR (Maharashtra)	DELHI	Jet Airways	15-06-2018	UDAN 2.0
19.	Prayagraj (UP)	INDORE (MP)	Jet Airways	16-06-2018	UDAN 2.0
20.	INDORE (MP)	PRAYAGRAJBAD (UP)	Jet Airways	16-06-2018	UDAN 2.0
21.	Prayagraj (UP)	NAGPUR (Maharashtra)	Jet Airways	16-06-2018	UDAN 2.0
22.	NAGPUR (Maharashtra)	PRAYAGRAJBAD (UP)	Jet Airways	16-06-2018	UDAN 2.0
23.	Hubli (Karnataka)	COCHIN (Kerala)	IndiGo	28-06-2018	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commence ment Date	Round
24.	COCHIN (Kerala)	HUBLI(Karnataka)	IndiGo	28-06-2018	UDAN 2.0
25.	GOA	HUBLI(Karnataka)	IndiGo	28-06-2018	UDAN 2.0
26.	Hubli (Karnataka)	GOA	IndiGo	28-06-2018	UDAN 2.0
27.	AHMEDABAD (Gujarat)	HUBLI (Karnataka)	IndiGo	01-07-2018	UDAN 2.0
28.	Hubli (Karnataka)	AHMEDABAD (Gujarat)	IndiGo	01-07-2018	UDAN 2.0
29.	CHENNAI (Tamil Nadu)	HUBLI (Karnataka)	IndiGo	01-07-2018	UDAN 2.0
30.	Hubli (Karnataka)	CHENNAI (Tamil Nadu)	IndiGo	01-07-2018	UDAN 2.0
31.	DELHI	KANPUR (UP)	Spicejet	03-07-2018	UDAN 1.0
32.	KANPUR (UP)	DELHI	Spicejet	03-07-2018	UDAN 1.0
33.	JORHAT (Assam)	KOLKATA (WB)	IndiGo	01-08-2018	UDAN 2.0
34.	Kolkata (West Bengal)	JORHAT (Assam)	IndiGo	01-08-2018	UDAN 2.0
35.	PAKYONG (Sikkim)	KOLKATA (WB)	Spicejet	04-10-2018	UDAN 2.0
36.	Kolkata (West Bengal)	PAKYONG (Sikkim)	Spicejet	04-10-2018	UDAN 2.0
37.	Kishangarh (Rajasthan)	DELHI	Spicejet	08-10-2018	UDAN 2.0
38.	DELHI	KISHANGARH (Rajasthan)	Spicejet	08-10-2018	UDAN 2.0
39.	Guwahati (Assam)	PAKYONG (Sikkim)	Spicejet	28-10-2018	UDAN 2.0
40.	PAKYONG (Sikkim)	GUWAHATI (Assam)	Spicejet	28-10-2018	UDAN 2.0
41.	AHMEDABAD (Gujarat)	JAISALMER (Rajasthan)	Spicejet	31-10-2018	UDAN 2.0
42.	Jaisalmer (Rajasthan)	AHMEDABAD (Gujarat)	Spicejet	31-10-2018	UDAN 2.0
43.	Prayagraj (UP)	BANGALORE (Karnataka)	IndiGo	15-11-2018	UDAN 2.0
44.	BANGALORE (Karnataka)	PRAYAGRAJBAD (UP)	IndiGo	15-11-2018	UDAN 2.0
45.	Jaisalmer (Rajasthan)	SURAT (Gujarat)	Spicejet	30-11-2018	UDAN 2.0
46.	SURAT (Gujarat)	JAISALMER (Rajasthan)	Spicejet	30-11-2018	UDAN 2.0
47.	KOLHAPUR (Maharashtra)	HYDERABAD (Telangana)	Alliance Air	09-12-2018	UDAN 2.0
48.	Hyderabad (Telangana)	KOLHAPUR (Maharashtra)	Alliance Air	09-12-2018	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commence ment Date	Round
49.	KOLHAPUR (Maharashtra)	BANGALORE (Karnataka)	Alliance Air	09-12-2018	UDAN 2.0
50.	BANGALORE (Karnataka)	KOLHAPUR (Maharashtra)	Alliance Air	09-12-2018	UDAN 2.0
51.	AHMEDABAD (Gujarat)	PORBANDAR (Gujarat)	Trujet	19-12-2018	UDAN 2.0
52.	PORBANDAR (Gujarat)	AHEMDABAD	Trujet	19-12-2018	UDAN 2.0
53.	AHMEDABAD (Gujarat)	JAISALMER (Rajasthan)	Trujet	19-12-2018	UDAN 2.0
54.	Jaisalmer (Rajasthan)	AHEMDABAD (Gujarat)	Trujet	19-12-2018	UDAN 2.0
55.	Pantnagar (Uttarakhand)	DEHRADUN (Uttarakhand)	Alliance Air	04-01-2019	UDAN 1.0
56.	DEHRADUN (Uttarakhand)	PANTNAGAR (Uttarakhand)	Alliance Air	04-01-2019	UDAN 1.0
57.	Kolkata (West Bengal)	LILABARI (Assam)	Spicejet	15-01-2019	UDAN 2.0
58.	LILABARI (Assam)	KOLKATA (WB)	Spicejet	15-01-2019	UDAN 2.0
59.	DEHRADUN (Uttarakhand)	PITHORAGARH (Uttarakhand)	Heritage	17-01-2019	UDAN 2.0
60.	PITHORAGARH (Uttarakhand)	DEHRADUN (Uttarakhand)	Heritage	17-01-2019	UDAN 2.0
61.	Pantnagar (Uttarakhand)	PITHORAGARH (Uttarakhand)	Heritage	17-01-2019	UDAN 2.0
62.	PITHORAGARH (Uttarakhand)	PANTNAGAR (Uttarakhand)	Heritage	17-01-2019	UDAN 2.0
63.	Kannur (Kerala)	BANGALORE (Karnataka)	IndiGo	25-01-2019	UDAN 2.0
64.	BANGALORE (Karnataka)	KANNUR (Kerala)	IndiGo	25-01-2019	UDAN 2.0
65.	Kannur (Kerala)	CHENNAI (Tamil Nadu)	IndiGo	25-01-2019	UDAN 2.0
66.	CHENNAI (Tamil Nadu)	KANNUR (Kerala)	IndiGo	25-01-2019	UDAN 2.0
67.	Kannur (Kerala)	GOA	IndiGo	25-01-2019	UDAN 2.0
68.	GOA	KANNUR (Kerala)	IndiGo	25-01-2019	UDAN 2.0
69.	Kannur (Kerala)	HUBLI (Karnataka)	IndiGo	25-01-2019	UDAN 2.0
70.	Hubli (Karnataka)	KANNUR (Kerala)	IndiGo	25-01-2019	UDAN 2.0
71.	TIRUPATI (Andhra Pradesh)	HUBLI (Karnataka)	Ghodawat	25-01-2019	UDAN 2.0
72.	Hubli (Karnataka)	TIRUPATI (Andhra Pradesh)	Ghodawat	25-01-2019	UDAN 2.0
73.	Hyderabad (Telangana)	NASIK (Maharashtra)	Alliance Air	01-02-2019	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
74.	NASIK (Maharashtra)	HYDERABAD (Telangana)	Alliance Air	01-02-2019	UDAN 2.0
75.	AHMEDABAD (Gujarat)	NASIK (Maharashtra)	Alliance Air	01-02-2019	UDAN 2.0
76.	NASIK (Maharashtra)	AHMEDABAD (Gujarat)	Alliance Air	01-02-2019	UDAN 2.0
77.	AHMEDABAD (Gujarat)	NASIK (Maharashtra)	Trujet	13-02-2019	UDAN 2.0
78.	NASIK (Maharashtra)	AHMEDABAD (Gujarat)	Trujet	13-02-2019	UDAN 2.0
79.	CHANDIGARH (UT)	SHIMLA (Himachal Pradesh)	Pawan Hans	11-03-2019	UDAN 2.0
80.	SHIMLA (Himachal Pradesh)	CHANDIGARH (UT)	Pawan Hans	11-03-2019	UDAN 2.0
81.	AHMEDABAD (Gujarat)	UDAIPUR (Rajasthan)	Spicejet	25-03-2019	UDAN 3.0
82.	UDAIPUR (Rajasthan)	AHMEDABAD(Gujarat)	Spicejet	25-03-2019	UDAN 3.0
83.	Kannur (Kerala)	THIRUVANANTHAPURAM (Kerala)	IndiGo	31-03-2019	UDAN 2.0
84.	THIRUVANANTHAPURAM (Kerala)	KANNUR (Kerala)	IndiGo	31-03-2019	UDAN 2.0
85.	COCHIN (Kerala)	KANNUR (Kerala)	IndiGo	31-03-2019	UDAN 2.0
86.	Kannur (Kerala)	COCHIN (Kerala)	IndiGo	31-03-2019	UDAN 2.0
87.	AHMEDABAD (Gujarat)	KISHANGARH(Rajasthan)	Spicejet	31-03-2019	UDAN 3.0
88.	Kishangarh (Rajasthan)	AHMEDABAD(Gujarat)	Spicejet	31-03-2019	UDAN 3.0
89.	AMRITSAR (PUNJAB)	JAIPUR(Rajasthan)	Spicejet	31-03-2019	UDAN 3.0
90.	Jaipur (Rajasthan)	AMRITSAR	Spicejet	31-03-2019	UDAN 3.0
91.	BHOPAL (MP)	UDAIPUR (Rajasthan)	Spicejet	31-03-2019	UDAN 3.0
92.	UDAIPUR (Rajasthan)	BHOPAL(MP)	Spicejet	31-03-2019	UDAN 3.0
93.	DELHI	JHARSUGUDA (Odisha)	Spicejet	31-03-2019	UDAN 3.0
94.	JHARSUGUDA (Odisha)	DELHI	Spicejet	31-03-2019	UDAN 3.0
95.	Guwahati (Assam)	LILABARI (Assam)	Spicejet	31-03-2019	UDAN 3.0
96.	LILABARI (Assam)	GUWAHATI(Assam)	Spicejet	31-03-2019	UDAN 3.0
97.	Hyderabad (Telangana)	JHARSUGUDA (Odisha)	Spicejet	31-03-2019	UDAN 3.0
98.	JHARSUGUDA (Odisha)	HYDERABAD (Telangana)	Spicejet	31-03-2019	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
99.	JHARSUGUDA (Odisha)	KOLKATA(WB)	Spicejet	31-03-2019	UDAN 3.0
100.	Kolkata (West Bengal)	JHARSUGUDA (Odisha)	Spicejet	31-03-2019	UDAN 3.0
Financial Year 2019-20 (Total 122 Nos.)					
1.	Mumbai (Maharashtra)	PRAYAGRAJBAD (UP)	IndiGo	20-04-2019	UDAN 2.0
2.	Prayagraj (UP)	MUMBAI (Maharashtra)	IndiGo	20-04-2019	UDAN 2.0
3.	Kishangarh (Rajasthan)	HYDERABAD (Telangana)	Spicejet	25-04-2019	UDAN 3.0
4.	Hyderabad (Telangana)	KISHNGARH (Rajasthan)	Spicejet	25-04-2019	UDAN 3.0
5.	Hyderabad (Telangana)	BELGAUM (Karnataka)	Spicejet	01-05-2019	UDAN 3.0
6.	BELGAUM (Karnataka)	HYDERABAD (Telangana)	Spicejet	01-05-2019	UDAN 3.0
7.	Hyderabad (Telangana)	GWALIOR (MP)	Spicejet	01-05-2019	UDAN 3.0
8.	GWALIOR (MP)	HYDERABAD (Telangana)	Spicejet	01-05-2019	UDAN 3.0
9.	JAMMU (J&K)	GWALIOR (MP)	Spicejet	01-05-2019	UDAN 3.0
10.	GWALIOR (MP)	JAMMU (J&K)	Spicejet	01-05-2019	UDAN 3.0
11.	KOLHAPUR (Maharashtra)	HYDERABAD (Telangana)	IndiGo	12-05-2019	UDAN 2.0
12.	Hyderabad (Telangana)	KOLHAPUR (Maharashtra)	IndiGo	12-05-2019	UDAN 2.0
13.	KOLHAPUR (Maharashtra)	TIRUPATI (Andhra Pradesh)	IndiGo	12-05-2019	UDAN 2.0
14.	TIRUPATI (Andhra Pradesh)	KOLHAPUR(Maharashtra)	IndiGo	12-05-2019	UDAN 2.0
15.	SHIMLA (Himachal Pradesh)	KULLU (Himachal Pradesh)	Pawan Hans	13-05-2019	UDAN 2.0
16.	KULLU (Himachal Pradesh)	SHIMLA (Himachal Pradesh)	Pawan Hans	13-05-2019	UDAN 2.0
17.	SHIMLA (Himachal Pradesh)	DHARAMSHALA (Himachal Pradesh)	Pawan Hans	14-05-2019	UDAN 2.0
18.	DHARAMSHALA (Himachal Pradesh)	SHIMLA (Himachal Pradesh)	Pawan Hans	14-05-2019	UDAN 2.0
19.	AHMEDABAD (Gujarat)	KANDLA (Gujarat)	Trujet	15-05-2019	UDAN 2.0
20.	KANDLA (Gujarat)	AHMEDABAD (Gujarat)	Trujet	15-05-2019	UDAN 2.0
21.	AHMEDABAD (Gujarat)	BELGAUM (Karnataka)	Ghodawat	15-05-2019	UDAN 3.0
22.	BELGAUM (Karnataka)	AHMEDABAD (Gujarat)	Ghodawat	15-05-2019	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
23.	PUNE (Maharashtra)	BELGAUM (Karnataka)	Alliance Air	15-05-2019	UDAN 3.0
24.	BELGAUM (Karnataka)	PUNE (Maharashtra)	Alliance Air	15-05-2019	UDAN 3.0
25.	JHARSUGUDA (Odisha)	RAIPUR (Chhattisgarh)	Alliance Air	05-06-2019	UDAN 3.0
26.	RAIPUR (Chhattisgarh)	JHARSUGUDA (Odisha)	Alliance Air	05-06-2019	UDAN 3.0
27.	JHARSUGUDA (Odisha)	BHUBANESHWAR	Alliance Air	05-06-2019	UDAN 3.0
28.	BHUBANESHWAR (Odisha)	JHARSUGUDA (Odisha)	Alliance Air	05-06-2019	UDAN 3.0
29.	BANGALORE (Karnataka)	MYSORE (Karnataka)	Alliance Air	07-06-2019	UDAN 3.0
30.	MYSORE (Karnataka)	BANGALORE (Karnataka)	Alliance Air	07-06-2019	UDAN 3.0
31.	GWALIOR (MP)	BANGALORE (Karnataka)	Spicejet	20-06-2019	UDAN 3.0
32.	BANGALORE (Karnataka)	GWALIOR (Madhya Pradesh)	Spicejet	20-06-2019	UDAN 3.0
33.	Kolkata (West Bengal)	GWALIOR (Madhya Pradesh)	Spicejet	20-06-2019	UDAN 3.0
34.	GWALIOR (Madhya Pradesh)	KOLKATA (West Bengal)	Spicejet	20-06-2019	UDAN 3.0
35.	Mumbai (Maharashtra)	BELGAUM (Karnataka)	Spicejet	20-06-2019	UDAN 3.0
36.	BELGAUM (Karnataka)	MUMBAI (Maharashtra)	Spicejet	20-06-2019	UDAN 3.0
37.	Mumbai (Maharashtra)	DURGAPUR (West Bengal)	Spicejet	25-06-2019	UDAN 3.0
38.	DURGAPUR (West Bengal)	MUMBAI (Maharashtra)	Spicejet	25-06-2019	UDAN 3.0
39.	Kolkata (West Bengal)	PRAYAGRAJBAD (Uttar Pradesh)	IndiGo	28-06-2019	UDAN 2.0
40.	Prayagraj (Uttar Pradesh)	KOLKATA (West Bengal)	IndiGo	28-06-2019	UDAN 2.0
41.	Prayagraj (Uttar Pradesh)	RAIPUR (CG)	IndiGo	28-06-2019	UDAN 2.0
42.	RAIPUR (Chhattisgarh)	PRAYAGRAJBAD (Uttar Pradesh)	IndiGo	28-06-2019	UDAN 2.0
43.	MYSORE (Karnataka)	HYDERABAD (Telangana)	Alliance Air	19-07-2019	UDAN 3.0
44.	Hyderabad (Telangana)	MYSORE (Karnataka)	Alliance Air	19-07-2019	UDAN 3.0
45.	MYSORE (Karnataka)	GOA	Alliance Air	19-07-2019	UDAN 3.0
46.	GOA	MYSORE (Karnataka)	Alliance Air	19-07-2019	UDAN 3.0
47.	MYSORE (Karnataka)	COCHIN (Kerala)	Alliance Air	19-07-2019	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commence ment Date	Round
48.	COCHIN (Kerala)	MYSORE (Karnataka)	Alliance Air	19-07-2019	UDAN 3.0
49.	Kolkata (West Bengal)	SHILLONG (Meghalaya)	IndiGo	20-07-2019	UDAN 3.0
50.	SHILLONG (Meghalaya)	KOLKATA (West Bengal)	IndiGo	20-07-2019	UDAN 3.0
51.	AHMEDABAD (Gujarat)	JALGAON (Maharashtra)	Trujet	01-09-2019	UDAN 2.0
52.	JALGAON (Maharashtra)	AHMEDABAD (Gujarat)	Trujet	01-09-2019	UDAN 2.0
53.	Mumbai (Maharashtra)	KOLHAPUR (Maharashtra)	Trujet	01-09-2019	UDAN 3.0
54.	KOLHAPUR (Maharashtra)	MUMBAI (Maharashtra)	Trujet	01-09-2019	UDAN 3.0
55.	Mumbai (Maharashtra)	JALGAON (Maharashtra)	Trujet	01-09-2019	UDAN 3.0
56.	JALGAON (Maharashtra)	MUMBAI (Maharashtra)	Trujet	01-09-2019	UDAN 3.0
57.	Mumbai (Maharashtra)	BELGAUM (Karnataka)	Ghodawat	06-09-2019	UDAN 3.0
58.	BELGAUM (Karnataka)	Mumbai (Maharashtra)	Ghodawat	06-09-2019	UDAN 3.0
59.	RAJAMUNDRY (Andhra Pradesh)	VISHAKHAPATNAM (Andhra Pradesh)	Indigo	15-09-2019	UDAN 3.0
60.	VISHAKHAPATNAM (Andhra Pradesh)	RAJAMUNDRY (Andhra Pradesh)	Indigo	15-09-2019	UDAN 3.0
61.	Hindon (Uttar Pradesh)	PITHORAGARH (Uttarakhand)	Heritage	11-10-2019	UDAN 2.0
62.	PITHORAGARH (Uttarakhand)	HINDAN (Uttar Pradesh)	Heritage	11-10-2019	UDAN 2.0
63.	NASIK (Maharashtra)	PUNE (Maharashtra)	Alliance Air	27-10-2019	UDAN 3.1
64.	PUNE (Maharashtra)	NASIK (Maharashtra)	Alliance Air	27-10-2019	UDAN 3.1
65.	Hyderabad (Telangana)	BELGAUM (Karnataka)	Indigo	27-10-2019	UDAN 3.0
66.	BELGAUM (Karnataka)	HYDERABAD(Telangana)	Indigo	27-10-2019	UDAN 3.0
67.	Hyderabad (Telangana)	MYSORE (Karnataka)	Indigo	27-10-2019	UDAN 3.0
68.	MYSORE (Karnataka)	HYDERABAD(Telangana)	Indigo	27-10-2019	UDAN 3.0
69.	CHENNAI (Tamil Nadu)	DURGAPUR (West Bengal)	Spicejet	27-10-2019	UDAN 3.0
70.	DURGAPUR (West Bengal)	CHENNAI (Tamil Nadu)	Spicejet	27-10-2019	UDAN 3.0
71.	DELHI	AGRA (Uttar Pradesh)	Zoom Air	29-10-2019	UDAN 3.0
72.	AGRA (Uttar Pradesh)	DELHI	Zoom Air	29-10-2019	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
73.	AGRA (Uttar Pradesh)	JAISALMER (Rajasthan)	Zoom Air	05-11-2019	UDAN 3.0
74.	Jaisalmer (Rajasthan)	AGRA (Uttar Pradesh)	Zoom Air	05-11-2019	UDAN 3.0
75.	Hindon (Uttar Pradesh)	HUBLI (Karnataka)	Ghodawat	06-11-2019	UDAN 2.0
76.	Hubli (Karnataka)	HINDON (Uttar Pradesh)	Ghodawat	06-11-2019	UDAN 2.0
77.	CHANDIGARH (UT)	DHARAMSHALA (Himachal Pradesh)	Alliance Air	16-11-2019	UDAN 3.1
78.	DHARAMSHALA (Himachal Pradesh)	CHANDIGARH (UT)	Alliance Air	16-11-2019	UDAN 3.1
79.	KANDLA (Gujarat)	AHMEDABAD (Gujarat)	Alliance Air	18-11-2019	UDAN 2.0
80.	AHMEDABAD (Gujarat)	KANDLA (Gujarat)	Alliance Air	18-11-2019	UDAN 2.0
81.	BANGALORE (Karnataka)	KALABURGI (Karnataka)	Ghodawat	22-11-2019	UDAN 3.0
82.	KALABURGI (Karnataka)	BANGALORE (Karnataka)	Ghodawat	22-11-2019	UDAN 3.0
83.	Hyderabad (Telangana)	HUBLI (Karnataka)	Alliance Air	26-11-2019	UDAN 2.0
84.	Hubli (Karnataka)	HYDERABAD (Telangana)	Alliance Air	26-11-2019	UDAN 2.0
85.	Kolkata (West Bengal)	AMRITSAR (PUNJAB)	Indigo	01-12-2019	UDAN 3.0
86.	AMRITSAR (PUNJAB)	KOLKATA (WB)	Indigo	01-12-2019	UDAN 3.0
87.	Guwahati (Assam)	DIMAPUR (Nagaland)	Alliance Air	07-12-2019	UDAN 3.0
88.	DIMAPUR (Nagaland)	GUWAHATI (Assam)	Alliance Air	07-12-2019	UDAN 3.0
89.	DIMAPUR (Nagaland)	IMPHAL (Manipur)	Alliance Air	07-12-2019	UDAN 3.0
90.	IMPHAL (Manipur)	DIMAPUR (Nagaland)	Alliance Air	07-12-2019	UDAN 3.0
91.	BANGALORE (Karnataka)	KALABURGI (Karnataka)	Alliance Air	27-12-2019	UDAN 3.0
92.	KALABURGI (Karnataka)	BANGALORE (Karnataka)	Alliance Air	27-12-2019	UDAN 3.0
93.	GORAKHPUR (Uttar Pradesh)	PRAYAGRAJBAD (Uttar Pradesh)	IndiGo	10-01-2020	UDAN 2.0
94.	Prayagraj (Uttar Pradesh)	GORAKHPUR (Uttar Pradesh)	IndiGo	10-01-2020	UDAN 2.0
95.	BELGAUM (Karnataka)	HYDERABAD (Telangana)	Trujet	17-01-2020	UDAN 3.0
96.	Hyderabad (Telangana)	BELGAUM (Karnataka)	Trujet	17-01-2020	UDAN 3.0
97.	BELGAUM (Karnataka)	TIRUPATI (Andhra Pradesh)	Trujet	17-01-2020	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
98.	TIRUPATI (Andhra Pradesh)	BELGAUM (Karnataka)	Trujet	17-01-2020	UDAN 3.0
99.	BELGAUM (Karnataka)	MYSORE (Karnataka)	Trujet	17-01-2020	UDAN 3.0
100.	MYSORE (Karnataka)	BELGAUM (Karnataka)	Trujet	17-01-2020	UDAN 3.0
101.	BELGAUM (Karnataka)	INDORE (Madhya Pradesh)	Ghodawat	20-01-2020	UDAN 3.0
102.	INDORE (Madhya Pradesh)	BELGAUM (Karnataka)	Ghodawat	20-01-2020	UDAN 3.0
103.	JHARSUGUDA (Odisha)	KOLKATA (West Bengal)	Alliance Air	27-01-2020	UDAN 3.0
104.	Kolkata (West Bengal)	JHARSUGUDA (Odisha)	Alliance Air	27-01-2020	UDAN 3.0
105.	VARANASI (Uttar Pradesh)	BHUBANESHWAR (Odisha)	Alliance Air	31-01-2020	UDAN 3.0
106.	BHUBANESHWAR (Odisha)	VARANASI (Uttar Pradesh)	Alliance Air	31-01-2020	UDAN 3.0
107.	BANGALORE (Karnataka)	BIDAR (Karnataka)	Trujet	07-02-2020	UDAN 1.0
108.	BIDAR (Karnataka)	BANGALORE (Karnataka)	Trujet	07-02-2020	UDAN 1.0
109.	Sahastradhara (Uttarakhand) - Heliport	CHINYALI SAUR (Uttarakhand) - Heliport	Heritage	08-02-2020	UDAN 2.0
110.	CHINYALI SAUR (Uttarakhand) - Heliport	SAHASTRADHARA (Uttarakhand) - Heliport	Heritage	08-02-2020	UDAN 2.0
111.	Sahastradhara (Uttarakhand) - Heliport	GAUCHER (Uttarakhand) - Heliport	Heritage	08-02-2020	UDAN 2.0
112.	Gaucher (Uttarakhand) - Heliport	SAHASTRADHARA (Uttarakhand) - Heliport	Heritage	08-02-2020	UDAN 2.0
113.	AIZAWL (Mizoram)	AGARTALA (Tripura)	Indigo	29-02-2020	UDAN 3.0
114.	AGARTALA (Tripura)	AIZAWL (Mizoram)	Indigo	29-02-2020	UDAN 3.0
115.	VARANASI (Uttar Pradesh)	BHUBANESHWAR (Odisha)	Indigo	29-02-2020	UDAN 3.0
116.	BHUBANESHWAR (Odisha)	VARANASI (Uttar Pradesh)	Indigo	29-02-2020	UDAN 3.0
117.	BELGAUM (Karnataka)	KADAPA (Andhra Pradesh)	Trujet	01-03-2020	UDAN 3.0
118.	KADAPA (Andhra Pradesh)	BELGAUM (Karnataka)	Trujet	01-03-2020	UDAN 3.0
119.	Prayagraj (Uttar Pradesh)	PUNE (Maharashtra)	IndiGo	05-03-2020	UDAN 2.0
120.	PUNE (Maharashtra)	PRAYAGRAJBAD (Uttar Pradesh)	IndiGo	05-03-2020	UDAN 2.0
121.	Kishangarh (Rajasthan)	INDORE (Madhya Pradesh)	Ghodawat	16-03-2020	UDAN 3.0
122.	INDORE (Madhya Pradesh)	KISHANGARH (Rajasthan)	Ghodawat	16-03-2020	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
Financial Year 2020-21 (Total 79 Nos.)					
1.	Kishangarh (Rajasthan)	AHMEDABAD (Gujarat)	Ghodawat	01-06-2020	UDAN 3.0
2.	AHMEDABAD (Gujarat)	KISHANGARH (Rajasthan)	Ghodawat	01-06-2020	UDAN 3.0
3.	DEHRADUN (Uttarakhand)	NEW TEHRI (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
4.	NEW TEHRI (Uttarakhand)	DEHRADUN (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
5.	NEW TEHRI (Uttarakhand)	SRINAGAR (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
6.	SRINAGAR (Uttarakhand)	NEW TEHRI (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
7.	SRINAGAR (Uttarakhand)	GAUCHER (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
8.	Gaucher (Uttarakhand) - Heliport	SRINAGAR (Uttarakhand)	Pawan Hans	29-07-2020	UDAN 2.0
9.	VARANASI (UP)	PATNA (Bihar)	Spicejet	21-08-2020	UDAN 3.0
10.	AMRITSAR (PUNJAB)	PATNA (Bihar)	Spicejet	28-08-2020	UDAN 3.0
11.	PATNA (Bihar)	AMRITSAR (Punjab)	Spicejet	28-08-2020	UDAN 3.0
12.	Hyderabad (Telangana)	JAGDALPUR (Chhattisgarh)	Alliance Air	21-09-2020	UDAN 3.0
13.	JAGDALPUR (Chhattisgarh)	RAIPUR (Chhattisgarh)	Alliance Air	21-09-2020	UDAN 3.0
14.	RAIPUR (Chhattisgarh)	JAGDALPUR (Chhattisgarh)	Alliance Air	21-09-2020	UDAN 3.0
15.	JAGDALPUR (Chhattisgarh)	HYDERABAD (Telangana)	Alliance Air	21-09-2020	UDAN 3.0
16.	STATUE OF UNITY (WA) (Gujarat)	SABARMATI RIVER FRONT (WA) (Gujarat)	SpiceJet	31-10-2020	UDAN 3.0
17.	SABARMATI RIVER FRONT (WA) (Gujarat)	STATUE OF UNITY (WA) (Gujarat)	SpiceJet	31-10-2020	UDAN 3.0
18.	Mumbai (Maharashtra)	DARBHANGA(Bihar)	Spicejet	08-11-2020	UDAN 2.0
19.	DARBHANGA(Bihar)	MUMBAI (Maharashtra)	Spicejet	08-11-2020	UDAN 2.0
20.	DELHI	DARBHANGA(Bihar)	Spicejet	08-11-2020	UDAN 2.0
21.	DARBHANGA(Bihar)	DELHI	Spicejet	08-11-2020	UDAN 2.0
22.	BANGALORE (Karnataka)	DARBHANGA(Bihar)	Spicejet	08-11-2020	UDAN 2.0
23.	DARBHANGA(Bihar)	BANGALORE (Karnataka)	Spicejet	08-11-2020	UDAN 2.0
24.	Hindon (Uttar Pradesh)	KALABURGI (Karnataka)	Ghodawat	18-11-2020	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commence ment Date	Round
25.	KALABURGI (Karnataka)	HINDAN (Uttar Pradesh)	Ghodawat	18-11-2020	UDAN 3.0
26.	Hyderabad (Telangana)	NASIK (Maharashtra)	Spicejet	20-11-2020	UDAN 2.0
27.	NASIK (Maharashtra)	HYDERABAD (Telangana)	Spicejet	20-11-2020	UDAN 2.0
28.	Mumbai (Maharashtra)	ADAMPUR (Punjab)	SpiceJet	25-11-2020	UDAN 3.0
29.	ADAMPUR (Punjab)	MUMBAI (Maharashtra)	SpiceJet	25-11-2020	UDAN 3.0
30.	BELGAUM (Karnataka)	SURAT (Gujarat)	Ghodawat	21-12-2020	UDAN 3.0
31.	SURAT (Gujarat)	BELGAUM (Karnataka)	Ghodawat	21-12-2020	UDAN 3.0
32.	SURAT (Gujarat)	KISHANGARH (Rajasthan)	Ghodawat	21-12-2020	UDAN 3.0
33.	Kishangarh (Rajasthan)	SURAT (Gujarat)	Ghodawat	21-12-2020	UDAN 3.0
34.	TIRUPATI (Andhra Pradesh)	KALABURGI (Karnataka)	Ghodawat	11-01-2021	UDAN 3.0
35.	KALABURGI (Karnataka)	TIRUPATI (Andhra Pradesh)	Ghodawat	11-01-2021	UDAN 3.0
36.	HISSAR(Haryana)	CHANDIGARH(UT)	Air Taxi	14-01-2021	UDAN 4.0
37.	CHANDIGARH (UT)	HISSAR(Haryana)	Air Taxi	14-01-2021	UDAN 4.0
38.	DELHI	PAKYONG (Sikkim)	Spicejet	23-01-2021	UDAN 2.0
39.	PAKYONG (Sikkim)	DELHI	Spicejet	23-01-2021	UDAN 2.0
40.	CALICUT (Kerala)	DELHI	Indigo	24-01-2021	UDAN 3.0
41.	DELHI	CALICUT (Kerala)	Indigo	24-01-2021	UDAN 3.0
42.	BELGAUM (Karnataka)	NASIK (Maharashtra)	Ghodawat	25-01-2021	UDAN 3.0
43.	NASIK (Maharashtra)	BELGAUM (Karnataka)	Ghodawat	25-01-2021	UDAN 3.0
44.	HISSAR(Haryana)	DEHRADUN(Uttarakhand)	Air Taxi	08-02-2021	UDAN 4.0
45.	DEHRADUN (Uttarakhand)	HISSAR(Haryana)	Air Taxi	08-02-2021	UDAN 4.0
46.	HISSAR(Haryana)	DHARAMSHALA (Himachal Pradesh)	Air Taxi	08-02-2021	UDAN 4.0
47.	DHARAMSHALA (Himachal Pradesh)	HISSAR(Haryana)	Air Taxi	08-02-2021	UDAN 4.0
48.	BELGAUM (Karnataka)	JODHPUR (Rajasthan)	Ghodawat	16-02-2021	UDAN 3.0
49.	JODHPUR (Rajasthan)	BELGAUM (Karnataka)	Ghodawat	16-02-2021	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
50.	BILASPUR (CHHATTISGARH)	PRAYAGRAJ (Uttar Pradesh)	Alliance Air	01-03-2021	UDAN 4.0
51.	PRAYAGRAJ (Uttar Pradesh)	BILASPUR (CHHATTISGARH)	Alliance Air	01-03-2021	UDAN 4.0
52.	BILASPUR (CHHATTISGARH)	JABALPUR (MP)	Alliance Air	01-03-2021	UDAN 4.0
53.	JABALPUR (Madhya Pradesh)	BILASPUR (CHHATTISGARH)	Alliance Air	01-03-2021	UDAN 4.0
54.	DELHI	BAREILLY (Uttar Pradesh)	Alliance Air	08-03-2021	UDAN 4.0
55.	BAREILLY (Uttar Pradesh)	DELHI	Alliance Air	08-03-2021	UDAN 4.0
56.	PRAYAGRAJ (Uttar Pradesh)	BHUBANESHWAR (Odisha)	Indigo	28-03-2021	UDAN 2.0
57.	BHUBANESHWAR (Odisha)	PRAYAGRAJ (Uttar Pradesh)	Indigo	28-03-2021	UDAN 2.0
58.	PRAYAGRAJ (Uttar Pradesh)	BHOPAL (Madhya Pradesh)	Indigo	28-03-2021	UDAN 2.0
59.	BHOPAL (Madhya Pradesh)	PRAYAGRAJ (Uttar Pradesh)	Indigo	28-03-2021	UDAN 2.0
60.	AGRA (Uttar Pradesh)	BANGALORE (Karnataka)	IndiGo	28-03-2021	UDAN 3.0
61.	BANGALORE (Karnataka)	AGRA (Uttar Pradesh)	IndiGo	28-03-2021	UDAN 3.0
62.	AGRA (Uttar Pradesh)	BHOPAL (Madhya Pradesh)	IndiGo	28-03-2021	UDAN 3.0
63.	BHOPAL (Madhya Pradesh)	AGRA (Uttar Pradesh)	IndiGo	28-03-2021	UDAN 3.0
64.	GORAKHPUR (Uttar Pradesh)	LUCKNOW (Uttar Pradesh)	Alliance Air	28-03-2021	UDAN 3.1
65.	Lucknow (Uttar Pradesh)	GORAKHPUR (Uttar Pradesh)	Alliance Air	28-03-2021	UDAN 3.1
66.	DIBRUGARH (Assam)	DIMAPUR (Nagaland)	IndiGo	28-03-2021	UDAN 3.0
67.	DIMAPUR (Nagaland)	DIBRUGARH (Assam)	IndiGo	28-03-2021	UDAN 3.0
68.	ADAMPUR (Punjab)	JAIPUR (Rajasthan)	SpiceJet	28-03-2021	UDAN 3.0
69.	Jaipur (Rajasthan)	ADAMPUR (Punjab)	SpiceJet	28-03-2021	UDAN 3.0
70.	KURNOOL (Andhra Pradesh)	VISHAKHAPATNAM (Andhra Pradesh)	IndiGo	28-03-2021	UDAN 4.0
71.	VISHAKHAPATNAM (Andhra Pradesh)	KURNOOL (Andhra Pradesh)	IndiGo	28-03-2021	UDAN 4.0
72.	KURNOOL (Andhra Pradesh)	CHENNAI (Tamil Nadu)	IndiGo	28-03-2021	UDAN 4.0
73.	CHENNAI (Tamil Nadu)	KURNOOL (Andhra Pradesh)	IndiGo	28-03-2021	UDAN 4.0
74.	KURNOOL (Andhra Pradesh)	BANGALORE (Karnataka)	IndiGo	28-03-2021	UDAN 4.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
75.	BANGALORE (Karnataka)	KURNOOL (Andhra Pradesh)	IndiGo	28-03-2021	UDAN 4.0
76.	SHILLONG (Meghalaya)	SILCHAR (Assam)	IndiGo	29-03-2021	UDAN 4.0
77.	SILCHAR (Assam)	SHILLONG (Meghalaya)	IndiGo	29-03-2021	UDAN 4.0
78.	SHILLONG (Meghalaya)	AGARTALA (Tripura)	IndiGo	30-03-2021	UDAN 4.0
79.	AGARTALA (Tripura)	SHILLONG (Meghalaya)	IndiGo	30-03-2021	UDAN 4.0
Financial Year 2021-22 (Total 68 Nos.)					
1.	Prayagraj (Uttar Pradesh)	Dehradun (Uttarakhand)	IndiGo	18-04-2021	UDAN 2.0
2.	DEHRADUN (Uttarakhand)	Prayagraj (Uttar Pradesh)	IndiGo	18-04-2021	UDAN 2.0
3.	Guwahati (Assam)	RUPSI (Assam)	Big Charter	08-05-2021	UDAN 4.0
4.	RUPSI (Assam)	GUWAHATI (ASSAM)	Big Charter	08-05-2021	UDAN 4.0
5.	RUPSI (Assam)	KOLKATA (West Bengal)	Big Charter	08-05-2021	UDAN 4.0
6.	Kolkata (West Bengal)	RUPSI (Assam)	Big Charter	08-05-2021	UDAN 4.0
7.	Guwahati (Assam)	PASSIGHAT (Arunachal Pradesh)	Big Charter	24-05-2021	UDAN 4.0
8.	PASSIGHAT (Arunachal Pradesh)	GUWAHATI (Assam)	Big Charter	24-05-2021	UDAN 4.0
9.	Agartala (Tripura)	Dibrugarh (Assam)	Big Charter	25-06-2021	UDAN 4.0
10.	DIBRUGARH (Assam)	Agartala (Tripura)	Big Charter	25-06-2021	UDAN 4.0
11.	Dibrugarh (Assam)	Imphal (Manipur)	IndiGo	12-07-2021	UDAN 3.0
12.	Imphal (Manipur)	Dibrugarh (Assam)	IndiGo	12-07-2021	UDAN 3.0
13.	Imphal (Manipur)	SHILLONG (Meghalaya)	IndiGo	03-08-2021	UDAN 4.0
14.	SHILLONG (Meghalaya)	Imphal (Manipur)	IndiGo	03-08-2021	UDAN 4.0
15.	Guwahati (Assam)	Tezu (Arunachal Pradesh)	Big Charter	19-08-2021	UDAN 4.0
16.	Tezu (Arunachal Pradesh)	GUWAHATI (Assam)	Big Charter	19-08-2021	UDAN 4.0
17.	JAMNAGAR (Gujarat)	Hyderabad (Telangana)	Ghodawat	26-08-2021	UDAN 3.0
18.	Hyderabad (Telangana)	JAMNAGAR (Gujarat)	Ghodawat	26-08-2021	UDAN 3.0
19.	JAMNAGAR (Gujarat)	Bangalore (Karnataka)	Ghodawat	26-08-2021	UDAN 3.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
20.	BANGALORE (Karnataka)	JAMNAGAR (Gujarat)	Ghodawat	26-08-2021	UDAN 3.0
21.	Lucknow (Uttar Pradesh)	Agra (Uttar Pradesh)	Indigo	01-10-2021	UDAN 3.0
22.	AGRA (Uttar Pradesh)	Lucknow (Uttar Pradesh)	Indigo	01-10-2021	UDAN 3.0
23.	DEHRADUN (Uttarakhand)	Srinagar (H) (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
24.	Srinagar (H) (Uttarakhand)	Dehradun (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
25.	DEHRADUN (Uttarakhand)	Gaucher (H) (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
26.	Gaucher (Uttarakhand) - Heliport	Dehradun (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
27.	DEHRADUN (Uttarakhand)	Haldwani (H) (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
28.	Haldwani (H) (Uttarakhand)	Dehradun (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
29.	Pantnagar (Uttarakhand) (H)	Pithoragarh (H) (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
30.	Pithoragarh (H) (Uttarakhand)	Pantnagar (H) (Uttarakhand)	Pawan Hans	08-10-2021	UDAN 4.1
31.	Sahastradhara (H) (Uttarakhand)	Chinyali Saur (H) (Uttarakhand)	Heritage	08-10-2021	UDAN 4.1
32.	CHINYALI SAUR (Uttarakhand) - Heliport	Sahastradhara (H) (Uttarakhand)	Heritage	08-10-2021	UDAN 4.1
33.	Sahastradhara (H) (Uttarakhand)	Gaucher (H) (Uttarakhand)	Heritage	08-10-2021	UDAN 4.1
34.	Gaucher (Uttarakhand) - Heliport	Sahastradhara (H)	Heritage	08-10-2021	UDAN 4.1
35.	Sindhudurg (Maharashtra)	Mumbai (Maharashtra)	Alliance Air	09-10-2021	UDAN 3.1
36.	Mumbai (Maharashtra)	Sindhudurg (Maharashtra)	Alliance Air	09-10-2021	UDAN 3.1
37.	BELGAUM (Karnataka)	TIRUPATI (Andhra Pradesh)	Ghodawat	11-10-2021	UDAN 3.0
38.	TIRUPATI (Andhra Pradesh)	BELGAUM (Karnataka)	Ghodawat	11-10-2021	UDAN 3.0
39.	SHILLONG (Meghalaya)	DIBRUGARH (Assam)	Indigo	26-10-2021	UDAN 4.0
40.	DIBRUGARH (Assam)	SHILLONG (Meghalaya)	Indigo	26-10-2021	UDAN 4.0
41.	Guwahati (Assam)	SHILLONG (Meghalaya)	Alliance Air	22-11-2021	UDAN 4.0
42.	SHILLONG (Meghalaya)	GUWAHATI (Assam)	Alliance Air	22-11-2021	UDAN 4.0
43.	SHILLONG (Meghalaya)	DIMAPUR (Nagaland)	Alliance Air	22-11-2021	UDAN 4.0
44.	DIMAPUR (Nagaland)	SHILLONG (Meghalaya)	Alliance Air	22-11-2021	UDAN 4.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
45.	Delhi	Kushinagar (Uttar Pradesh)	SpiceJet	26-11-2021	UDAN 4.1
46.	Kushinagar (Uttar Pradesh)	Delhi	SpiceJet	26-11-2021	UDAN 4.1
47.	Mandi (H) (Himachal Pradesh)	Shimla (Himachal Pradesh)	Pawan Hans	09-12-2021	UDAN 2.0
48.	Shimla (Himachal Pradesh)	Mandi (H) (Himachal Pradesh)	Pawan Hans	09-12-2021	UDAN 2.0
49.	Mandi (H) (Himachal Pradesh)	Dharamshala (Himachal Pradesh)	Pawan Hans	09-12-2021	UDAN 2.0
50.	DHARAMSHALA (Himachal Pradesh)	Mandi (H) (Himachal Pradesh)	Pawan Hans	09-12-2021	UDAN 2.0
51.	Shimla (Himachal Pradesh)	Mandi (H) (Himachal Pradesh)	Pawan Hans	10-12-2021	UDAN 2.0
52.	Mandi (H) (Himachal Pradesh)	Shimla (Himachal Pradesh)	Pawan Hans	10-12-2021	UDAN 2.0
53.	Mandi (H) (Himachal Pradesh)	KULLU (Himachal Pradesh)	Pawan Hans	10-12-2021	UDAN 2.0
54.	KULLU (Himachal Pradesh)	Mandi (H) (Himachal Pradesh)	Pawan Hans	10-12-2021	UDAN 2.0
55.	SHIMLA (Himachal Pradesh)	Rampur (H) (Himachal Pradesh)	Pawan Hans	14-12-2021	UDAN 2.0
56.	Rampur (H) (Himachal Pradesh)	SHIMLA (Himachal Pradesh)	Pawan Hans	14-12-2021	UDAN 2.0
57.	Delhi	Khajuraho (Madhya Pradesh)	Spicejet	18-02-2022	UDAN 3.0
58.	Khajuraho (Madhya Pradesh)	Delhi	Spicejet	18-02-2022	UDAN 3.0
59.	Gondia (Maharashtra)	Hyderabad (Telangana)	Big Charter	13-03-2022	UDAN 4.0
60.	Hyderabad (Telangana)	Gondia (Maharashtra)	Big Charter	13-03-2022	UDAN 4.0
61.	Gondia (Maharashtra)	Indore (Madhya Pradesh)	Big Charter	13-03-2022	UDAN 4.0
62.	Indore (Madhya Pradesh)	Gondia (Maharashtra)	Big Charter	13-03-2022	UDAN 4.0
63.	GORAKHPUR (UP)	KANPUR (UP)	SpiceJet	27-03-2022	UDAN 4.1
64.	KANPUR (UP)	GORAKHPUR (UP)	SpiceJet	27-03-2022	UDAN 4.1
65.	GORAKHPUR (UP)	VARANASI (UP)	SpiceJet	27-03-2022	UDAN 4.1
66.	VARANASI (UP)	GORAKHPUR (UP)	SpiceJet	27-03-2022	UDAN 4.1
67.	Lucknow (UP)	PRAYAGRAJ (UP)	Indigo	27-03-2022	UDAN 4.1
68.	PRAYAGRAJ (UP)	Lucknow (UP)	Indigo	27-03-2022	UDAN 4.1

Financial Year 2022-23 (Total 58 Nos.)

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
1.	Mumbai (Maharashtra)	KESHOD (Gujarat)	Alliance Air	16-04-2022	UDAN 3.0
2.	KESHOD (Gujarat)	Mumbai (Maharashtra)	Alliance Air	16-04-2022	UDAN 3.0
3.	BELGAUM (Karnataka)	NAGPUR (Maharashtra)	Ghodawat	16-04-2022	UDAN 3.0
4.	NAGPUR (Maharashtra)	BELGAUM (Karnataka)	Ghodawat	16-04-2022	UDAN 3.0
5.	BHAVNAGAR (Gujarat)	PUNE (Maharashtra)	SpiceJet	05-05-2022	UDAN 3.0
6.	PUNE (Maharashtra)	BHAVNAGAR (Gujarat)	SpiceJet	05-05-2022	UDAN 3.0
7.	BILASPUR (CHHATTISGARH)	Bhopal (Madhya Pradesh)	Alliance Air	05-06-2022	UDAN 4.0
8.	Bhopal (Madhya Pradesh)	BILASPUR (CHHATTISGARH)	Alliance Air	05-06-2022	UDAN 4.0
9.	DEOGHAR (Jharkhand)	KOLKATA (West Bengal)	Indigo	12-07-2022	UDAN 4.1
10.	KOLKATA (West Bengal)	DEOGHAR (Jharkhand)	Indigo	12-07-2022	UDAN 4.1
11.	Jeypore (Odisha)	BHUBANESHWAR (Odisha)	GSEC Monarch	03-08-2022	UDAN 4.1
12.	BHUBANESHWAR (Odisha)	Jeypore (Odisha)	GSEC Monarch	03-08-2022	UDAN 4.1
13.	Jeypore (Odisha)	VISHAKHAPATNAM (Andhra Pradesh)	GSEC Monarch	12-08-2022	UDAN 4.1
14.	VISHAKHAPATNAM (Andhra Pradesh)	Jeypore (Odisha)	GSEC Monarch	12-08-2022	UDAN 4.1
15.	ALMORA (Uttarakhand)	PANTNAGAR (Uttarakhand)	Pawan Hans	26-08-2022	UDAN 2.0
16.	PANTNAGAR (Uttarakhand)	ALMORA (Uttarakhand)	Pawan Hans	26-08-2022	UDAN 2.0
17.	ALMORA (Uttarakhand)	PITHORAGARH (Uttarakhand)	Pawan Hans	26-08-2022	UDAN 2.0
18.	PITHORAGARH (Uttarakhand)	ALMORA (Uttarakhand)	Pawan Hans	26-08-2022	UDAN 2.0
19.	DELHI	SHIMLA (Himachal Pradesh)	Alliance Air	26-09-2022	UDAN 4.0
20.	SHIMLA (Himachal Pradesh)	DELHI	Alliance Air	26-09-2022	UDAN 4.0
21.	Tezu (Arunachal Pradesh)	Imphal (Manipur)	Big Charter	26-09-2022	UDAN 4.0
22.	Imphal (Manipur)	Tezu (Arunachal Pradesh)	Big Charter	26-09-2022	UDAN 4.0
23.	Mumbai (Maharashtra)	KOLHAPUR (Maharashtra)	Ghodawat	04-10-2022	UDAN 3.0
24.	KOLHAPUR (Maharashtra)	Mumbai (Maharashtra)	Ghodawat	04-10-2022	UDAN 3.0
25.	BANGALORE (Karnataka)	VIDYANAGAR (Karnataka)	Alliance Air	30-10-2022	UDAN 4.3

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
26.	VIDYANAGAR (Karnataka)	BANGALORE (Karnataka)	Alliance Air	30-10-2022	UDAN 4.3
27.	Hyderabad (Telangana)	VIDYANAGAR (Karnataka)	Alliance Air	30-10-2022	UDAN 4.3
28.	VIDYANAGAR (Karnataka)	Hyderabad (Telangana)	Alliance Air	30-10-2022	UDAN 4.3
29.	LILABARI (Assam)	TEZPUR (Assam)	Alliance Air	30-10-2022	UDAN 4.1
30.	TEZPUR (Assam)	LILABARI (Assam)	Alliance Air	30-10-2022	UDAN 4.1
31.	Imphal (Manipur)	AIZAWL (Mizoram)	Alliance Air	31-10-2022	UDAN 4.1
32.	AIZAWL (Mizoram)	Imphal (Manipur)	Alliance Air	31-10-2022	UDAN 4.1
33.	SHILLONG (Meghalaya)	LILABARI (Assam)	Alliance Air	31-10-2022	UDAN 4.1
34.	LILABARI (Assam)	SHILLONG (Meghalaya)	Alliance Air	31-10-2022	UDAN 4.1
35.	Bhopal (Madhya Pradesh)	UDAIPUR (Rajasthan)	Indigo	01-11-2022	UDAN 4.3
36.	UDAIPUR (Rajasthan)	Bhopal (Madhya Pradesh)	Indigo	01-11-2022	UDAN 4.3
37.	SILCHAR (Assam)	Imphal (Manipur)	Alliance Air	25-11-2022	UDAN 4.0
38.	Imphal (Manipur)	SILCHAR (Assam)	Alliance Air	25-11-2022	UDAN 4.0
39.	AHMEDABAD (Gujarat)	UDAIPUR (Rajasthan)	Alliance Air	09-12-2022	UDAN 4.3
40.	UDAIPUR (Rajasthan)	AHMEDABAD (Gujarat)	Alliance Air	09-12-2022	UDAN 4.3
41.	ROURKELA (Odisha)	BHUBANESHWAR (Odisha)	Alliance Air	07-01-2023	UDAN 3.0
42.	BHUBANESHWAR (Odisha)	ROURKELA (Odisha)	Alliance Air	07-01-2023	UDAN 3.0
43.	HOLLONGI (Arunachal Pradesh)	GUWAHATI (Assam)	Big Charter	15-01-2023	UDAN 4.3
44.	GUWAHATI (Assam)	HOLLONGI (Arunachal Pradesh)	Big Charter	15-01-2023	UDAN 4.3
45.	JAMSHEDPUR (Jharkhand)	KOLKATA (West Bengal)	GSEC Monarch	31-01-2023	UDAN 4.1
46.	KOLKATA (West Bengal)	JAMSHEDPUR (Jharkhand)	GSEC Monarch	31-01-2023	UDAN 4.1
47.	DIBRUGARH (Assam)	JORHAT (Assam)	Pawan Hans	08-02-2023	UDAN 2.0
48.	JORHAT (Assam)	DIBRUGARH (Assam)	Pawan Hans	08-02-2023	UDAN 2.0
49.	JORHAT (Assam)	TEZPUR (Assam)	Pawan Hans	08-02-2023	UDAN 2.0
50.	TEZPUR (Assam)	JORHAT (Assam)	Pawan Hans	08-02-2023	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
51.	Guwahati (Assam)	TEZPUR (Assam)	Pawan Hans	08-02-2023	UDAN 4.0
52.	TEZPUR (Assam)	Guwahati (Assam)	Pawan Hans	08-02-2023	UDAN 4.0
53.	COOCH BEHAR (West Bengal)	KOLKATA (West Bengal)	GSEC Monarch	21-02-2023	UDAN 4.1
54.	KOLKATA (West Bengal)	COOCH BEHAR (West Bengal)	GSEC Monarch	21-02-2023	UDAN 4.1
55.	DEOGHAR (Jharkhand)	PATNA (Bihar)	Indigo	26-03-2023	UDAN 4.1
56.	PATNA (Bihar)	DEOGHAR (Jharkhand)	Indigo	26-03-2023	UDAN 4.1
57.	DEOGHAR (Jharkhand)	RANCHI (Jharkhand)	Indigo	27-03-2023	UDAN 4.1
58.	RANCHI (Jharkhand)	DEOGHAR (Jharkhand)	Indigo	27-03-2023	UDAN 4.1
Financial Year 2023-24 (Total 84 Nos.)					
1.	BELGAUM (Karnataka)	JAIPUR (Rajasthan)	Ghodawat	15-05-2023	UDAN 3.0
2.	Jaipur (Rajasthan)	BELGAUM (Karnataka)	Ghodawat	15-05-2023	UDAN 3.0
3.	KOLKATA (West Bengal)	TEZPUR (Assam)	SpiceJet	25-06-2023	UDAN 4.1
4.	TEZPUR (Assam)	KOLKATA (West Bengal)	SpiceJet	25-06-2023	UDAN 4.1
5.	AHMEDABAD (Gujarat)	MUNDRA (Gujarat)	Air Taxi	28-08-2023	UDAN 4.2
6.	MUNDRA (Gujarat)	AHMEDABAD (Gujarat)	Air Taxi	28-08-2023	UDAN 4.2
7.	UTKELA (Odisha)	BHUBANESHWAR (Odisha)	GSEC Monarch	31-08-2023	UDAN 4.1
8.	BHUBANESHWAR (Odisha)	UTKELA (Odisha)	GSEC Monarch	31-08-2023	UDAN 4.1
9.	Hindon (Uttar Pradesh)	LUDHIANA (Punjab)	Big Charter	06-09-2023	UDAN 4.2
10.	LUDHIANA (Punjab)	Hindon (Uttar Pradesh)	Big Charter	06-09-2023	UDAN 4.2
11.	Hindon (Uttar Pradesh)	BHATINDA (Punjab)	Big Charter	12-09-2023	UDAN 4.2
12.	BHATINDA (Punjab)	Hindon (Uttar Pradesh)	Big Charter	12-09-2023	UDAN 4.2
13.	Kishangarh (Rajasthan)	NAGPUR (Maharashtra)	Ghodawat	30-09-2023	UDAN 5.0
14.	NAGPUR (Maharashtra)	Kishangarh (Rajasthan)	Ghodawat	30-09-2023	UDAN 5.0
15.	AMRITSAR (PUNJAB)	KULLU (Himachal Pradesh)	Alliance Air	01-10-2023	UDAN 5.0
16.	KULLU (Himachal Pradesh)	AMRITSAR (Punjab)	Alliance Air	01-10-2023	UDAN 5.0
17.	DELHI	HOLLONGI (Arunachal Pradesh)	Indigo	02-10-2023	UDAN 5.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
18.	HOLLONGI (Arunachal Pradesh)	DELHI	Indigo	02-10-2023	UDAN 5.0
19.	DELHI	BHATINDA (Punjab)	Alliance Air	09-10-2023	UDAN 5.0
20.	BHATINDA (Punjab)	DELHI	Alliance Air	09-10-2023	UDAN 5.0
21.	SALEM (Tamil Nadu)	COCHIN (Kerala)	Alliance Air	16-10-2023	UDAN 5.0
22.	COCHIN (Kerala)	SALEM (Tamil Nadu)	Alliance Air	16-10-2023	UDAN 5.0
23.	SALEM (Tamil Nadu)	BANGALORE (Karnataka)	Alliance Air	16-10-2023	UDAN 5.0
24.	BANGALORE (Karnataka)	SALEM (Tamil Nadu)	Alliance Air	16-10-2023	UDAN 5.0
25.	KISHANGARH (Rajasthan)	PUNE (Maharashtra)	Ghodawat	29-10-2023	UDAN 5.0
26.	PUNE (Maharashtra)	KISHANGARH (Rajasthan)	Ghodawat	29-10-2023	UDAN 5.0
27.	DIU	AHMEDABAD (Gujarat)	Indigo	29-10-2023	UDAN 5.0
28.	AHMEDABAD (Gujarat)	DIU	Indigo	29-10-2023	UDAN 5.0
29.	DIU	SURAT (Gujarat)	Indigo	29-10-2023	UDAN 5.0
30.	SURAT (Gujarat)	DIU	Indigo	29-10-2023	UDAN 5.0
31.	SALEM (Tamil Nadu)	BANGALORE (Karnataka)	Indigo	30-10-2023	UDAN 5.0
32.	BANGALORE (Karnataka)	SALEM (Tamil Nadu)	Indigo	30-10-2023	UDAN 5.0
33.	SALEM (Tamil Nadu)	HYDERABAD (Telangana)	Indigo	30-10-2023	UDAN 5.0
34.	HYDERABAD (Telangana)	SALEM (Tamil Nadu)	Indigo	30-10-2023	UDAN 5.0
35.	AMRITSAR (PUNJAB)	SHIMLA (Himachal Pradesh)	Alliance Air	16-11-2023	UDAN 5.0
36.	SHIMLA (Himachal Pradesh)	AMRITSAR (PUNJAB)	Alliance Air	16-11-2023	UDAN 5.0
37.	SHIVAMOGGA (Karnataka)	HYDERABAD (Telangana)	Ghodawat	21-11-2023	UDAN 5.0
38.	HYDERABAD (Telangana)	SHIVAMOGGA (Karnataka)	Ghodawat	21-11-2023	UDAN 5.0
39.	SHIVAMOGGA (Karnataka)	NEW GOA (MoPA)	Ghodawat	21-11-2023	UDAN 5.0
40.	NEW GOA (MoPA)	SHIVAMOGGA (Karnataka)	Ghodawat	21-11-2023	UDAN 5.0
41.	SHIVAMOGGA (Karnataka)	TIRUPATI (Andhra Pradesh)	Ghodawat	21-11-2023	UDAN 5.0
42.	TIRUPATI (Andhra Pradesh)	SHIVAMOGGA (Karnataka)	Ghodawat	21-11-2023	UDAN 5.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
43.	PITHORAGARH (Uttarakhand)	DEHRADUN (Uttarakhand)	Big Charter	30-01-2024	UDAN 4.2
44.	DEHRADUN (Uttarakhand)	PITHORAGARH (Uttarakhand)	Big Charter	30-01-2024	UDAN 4.2
45.	KISHANGARH (Rajasthan)	HINDON (UP)	Ghodawat	16-02-2024	UDAN 5.0
46.	HINDON (UP)	KISHANGARH (Rajasthan)	Ghodawat	16-02-2024	UDAN 5.0
47.	KISHANGARH (Rajasthan)	LUCKNOW (Uttar Pradesh)	Ghodawat	16-02-2024	UDAN 5.0
48.	LUCKNOW (Uttar Pradesh)	KISHANGARH (Rajasthan)	Ghodawat	16-02-2024	UDAN 5.0
49.	HALDWANI (H) (Uttarakhand)	CHAMPAWAT (H) (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
50.	CHAMPAWAT (H) (Uttarakhand)	HALDWANI (H) (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
51.	HALDWANI (H) (Uttarakhand)	PITHORAGARH (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
52.	PITHORAGARH (Uttarakhand)	HALDWANI (H) (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
53.	HALDWANI (H) (Uttarakhand)	MUNSYARI (H) (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
54.	MUNSYARI (H) (Uttarakhand)	HALDWANI (H) (Uttarakhand)	Heritage	22-02-2024	UDAN 5.1
55.	PANTNAGAR (Uttarakhand)	PITHORAGARH (Uttarakhand)	Big Charter	26-02-2024	UDAN 4.2
56.	PITHORAGARH (Uttarakhand)	PANTNAGAR (Uttarakhand)	Big Charter	26-02-2024	UDAN 4.2
57.	ALIGARH (Uttar Pradesh)	LUCKNOW (Uttar Pradesh)	Big Charter	11-03-2024	UDAN 4.2
58.	LUCKNOW (Uttar Pradesh)	ALIGARH (Uttar Pradesh)	Big Charter	11-03-2024	UDAN 4.2
59.	AZAMGARH (Uttar Pradesh)	LUCKNOW (Uttar Pradesh)	Big Charter	11-03-2024	UDAN 4.2
60.	LUCKNOW (Uttar Pradesh)	AZAMGARH (Uttar Pradesh)	Big Charter	11-03-2024	UDAN 4.2
61.	CHITRAKOOT (Uttar Pradesh)	LUCKNOW (Uttar Pradesh)	Big Charter	12-03-2024	UDAN 4.2
62.	LUCKNOW (Uttar Pradesh)	CHITRAKOOT (Uttar Pradesh)	Big Charter	12-03-2024	UDAN 4.2
63.	SHRAVASTI (Uttar Pradesh)	LUCKNOW (Uttar Pradesh)	Big Charter	12-03-2024	UDAN 4.2
64.	LUCKNOW (Uttar Pradesh)	SHRAVASTI (Uttar Pradesh)	Big Charter	12-03-2024	UDAN 4.2
65.	JIRIBAM (Manipur)	IMPHAL (Manipur)	Pawan Hans	13-03-2024	UDAN 5.1
66.	IMPHAL (Manipur)	JIRIBAM (Manipur)	Pawan Hans	13-03-2024	UDAN 5.1
67.	JIRIBAM (Manipur)	TAMENGLONG (Manipur)	Pawan Hans	13-03-2024	UDAN 2.0

S. No.	Departure Airport (State)	Arrival Airport (State)	Operator	Commencement Date	Round
68.	TAMENGLONG (Manipur)	JIRIBAM (Manipur)	Pawan Hans	13-03-2024	UDAN 2.0
69.	TAMENGLONG (Manipur)	IMPHAL (Manipur)	Pawan Hans	13-03-2024	UDAN 2.0
70.	IMPHAL (Manipur)	TAMENGLONG (Manipur)	Pawan Hans	13-03-2024	UDAN 2.0
71.	SINDHUDURG (Maharashtra)	BANGALORE (Karnataka)	Just Udo	18-03-2024	UDAN 5.0
72.	BANGALORE (Karnataka)	SINDHUDURG (Maharashtra)	Just Udo	18-03-2024	UDAN 5.0
73.	SINDHUDURG (Maharashtra)	HYDERABAD (Telangana)	Just Udo	19-03-2024	UDAN 5.0
74.	HYDERABAD (Telangana)	SINDHUDURG (Maharashtra)	Just Udo	19-03-2024	UDAN 5.0
75.	NANDED (Maharashtra)	BANGALORE (Karnataka)	Ghodawat	31-03-2024	UDAN 5.0
76.	BANGALORE (Karnataka)	NANDED (Maharashtra)	Ghodawat	31-03-2024	UDAN 5.0
77.	NANDED (Maharashtra)	HYDERABAD (Telangana)	Ghodawat	31-03-2024	UDAN 5.0
78.	HYDERABAD (Telangana)	NANDED (Maharashtra)	Ghodawat	31-03-2024	UDAN 5.0
79.	NANDED (Maharashtra)	HINDON (Uttar Pradesh)	Ghodawat	31-03-2024	UDAN 5.0
80.	HINDON (Uttar Pradesh)	NANDED (Maharashtra)	Ghodawat	31-03-2024	UDAN 5.0
81.	NANDED (Maharashtra)	AHMEDABAD (Gujarat)	Ghodawat	31-03-2024	UDAN 5.0
82.	AHMEDABAD (Gujarat)	NANDED (Maharashtra)	Ghodawat	31-03-2024	UDAN 5.0
83.	ADAMPUR (Punjab)	HINDON (Uttar Pradesh)	Ghodawat	31-03-2024	UDAN 5.0
84.	HINDON (Uttar Pradesh)	ADAMPUR (Punjab)	Ghodawat	31-03-2024	UDAN 5.0

END OF THE REPORT



नागर विमानन मंत्रालय
MINISTRY OF
CIVIL AVIATION