

NATIONAL TIGER CONSERVATION AUTHORITY



ANNUAL REPORT

FOR

THE FINANCIAL YEAR -2020-21

(APRIL 2020 TO MARCH, 2021)

Ministry of Environment, Forest & Climate Change

National Tiger Conservation Authority
B-1 Wing, 7th Floor,
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CGO Complex,
New Delhi-110 003.
<https://ntca.gov.in>

Contents

CHAPTER I : Introduction.....	4
Objectives of National Tiger Conservation Authority	4
CHAPTER II: Constitution of National Tiger Conservation Authority	5
Functions of the NTCA:.....	7
CHAPTER III: Meetings of the National Tiger Conservation Authority and important decisions taken therein	8
18 th Meeting of National Tiger Conservation Authority	8
5 th Meeting of NTCA Technical Committee	16
6 th Meeting of NTCA Technical Committee	19
7 th Meeting of NTCA Technical Committee	23
8 th Meeting of NTCA Technical Committee	27
9 th Meeting of NTCA Technical Committee	29
CHAPTER IV: Committees constituted by NTCA	30
CHAPTER V : Administrative Matters.....	32
Details of NTCA officials and staff (permanent basis) at NTCA Headquarter	32
Details of NTCA officials (permanent basis) at NTCA Regional offices.....	33
Details of NTCA staff (outsourced basis) - Headquarter	34
Milestone Initiatives for tiger conservation.....	35
Legal steps.....	35
Administrative steps	35
Financial steps	36
International Cooperation	36
OTHER MISCELLANEOUS STEPS.....	38
Security Audit of the tiger reserves.....	41
Other Important Events held during the year:	42
Budget allocation during the last three years:	43
CHAPTER VI: Finance and Accounts of NTCA for FY 2020-21	44
CHAPTER VII: Annual Plan of National Tiger Conservation Authority.....	45
CHAPTER VIII: Compliance Issues.....	47
Status of Tiger Conservation Plans (as on 31.03.2021)	47
Details of TCPs under review and pending.....	47
List of TCPs approved so far.....	48
Steering Committee (as on 31.3.2021):	49
Tiger Conservation Foundation (as on 31.3.2021):	49
Pending TCF :-	50
Core and Buffer notification (as on 31.3.2021):.....	51

Chapter IX – Annexures	53
Annexure-I List of Tiger Reserves in India.....	53
Annexure II – Tiger Mortality (Natural & Other Causes).....	55
Inside Tiger Reserve	55
Outside Tiger Reserve	58
Annexure III – CSS-Project Tiger: Sanction Details for 2020-21	60
Details of sanctions tiger reserve wise	60
Details of sanctions state wise	62
Annexure IV –Plan Expenditure for FY 2020-21 (as on 31.03.2021).....	63
Annexure V – Financial statement / Balance sheet as on 31.03.2021	64
Annexure VI – Financial statement - Income & Expenditure Account as on 31 st March, 2021.....	65
Annexure VII – Financial statement (Receipts & Payments) as on 31 st March, 2021	66
Schedule 1 – Corpus / Capital fund – Financial statements – Schedules forming part of balance sheet as on 31.03.2021	68
Schedule 2 – Reserves and Surplus	69
Schedule 3 – Earmarked / Endowment Funds	70
Schedule 4 – Secured Loans and Borrowings	71
Schedule 5 – Unsecured Loans and Borrowings	72
Schedule 6 – Deferred Credit Liabilities.....	72
Schedule 7 – Current Liabilities and Provisions	73
Schedule 8 – Fixed Assets	74
Schedule 9 –Investments from Earmarked / Endowment Funds	75
Schedule 10 –Investments Others	75
Schedule 11 –Current Assets, Loans, Advances etc	76
Schedule 11b –Current Assets, Loans, Advances etc.....	77
Schedule 12 –Income from Sales/ Services.....	78
Schedule 13 –Grants / Subsidies.....	78
Schedule 14 –Fees / Subscriptions.....	78
Schedule 15 –Income from Investments.....	79
Schedule 16 –Income from Royalty, Publication.....	79
Schedule 17 –Interest Earned on the Term Deposits / Saving Accounts / Loan	80
Schedule 18 –Other Income	80
Schedule 19 –Increase / Decrease in Stock of Finished Goods & Works in Process	81
Schedule 20 –Establishment Expenses	81
Schedule 21 –Other Administrative Expenses Etc.....	82
Schedule 22 –Grants.....	83
Schedule 23 –Interest.....	83
Schedule 23 (A) –Corpus / Capital Fund Adjustment.....	84
Schedule 24 –Significant Accounting Policies.....	85
Schedule 25 –Contingent Liabilities and Notes on Accounts.....	86
Separate Audit Report on accounts of NTCA for 2020-21	87

CHAPTER I : Introduction

The National Tiger Conservation Authority (NTCA) is a statutory body under the Ministry of Environment, Forest and Climate Change (MoEF&CC), constituted under enabling provisions of the Wildlife (Protection) Act, 1972, as amended in 2006, for strengthening tiger conservation, as per powers and functions assigned to it under the said Act.

The authority has been fulfilling its mandate within the ambit of the Wildlife (Protection) Act, 1972 for strengthening tiger conservation in the country by retaining an oversight through advisories/normative guidelines, based on appraisal of tiger status, ongoing conservation initiatives and recommendations of specially constituted Committees. This authority provides funding support to 50 tiger reserves at present, spread out in 18 tiger range States through 'Project Tiger'. The 'Project Tiger' is a Centrally Sponsored Scheme of the Ministry of Environment, Forest and Climate Change for in-situ conservation of tigers and has put the endangered tiger on an assured path of recovery by saving it from extinction, as revealed by the recent findings of the All India tiger estimation using the refined methodology.

Objectives of National Tiger Conservation Authority

To ensure maintenance of a viable population of Tigers in India for scientific, economic aesthetic, cultural and ecological values, and to preserve for all times, areas of biological importance as a national heritage for the benefit, education and enjoyment of the people.

1. Providing statutory authority to Project Tiger so that compliance of its directives become legal.
2. Fostering accountability of Centre-State in management to Tiger Reserves, by providing a basis for MoU with States within our federal Structure.
3. Providing for an oversight by Parliament.
4. Addressing livelihood interests of local people in areas surrounding Tiger Reserves.

CHAPTER II: Constitution of National Tiger Conservation Authority

The National Tiger Conservation Authority was constituted with effect from 04.09.2006, for strengthening tiger conservation by, *inter alia*, ensuring normative standards in tiger reserve management, preparation of reserve specific tiger conservation plan, laying down annual / audit report before Parliament, constituting State Level Steering Committees under Chairmanship of Chief Ministers and establishment of Tiger Conservation Foundation. List of the NTCA members, constituted vide Gazette Notification are as under:

1. The Minister in charge of the Ministry of Environment and Forests - Chairman
2. The Minister of State for Environment and Forests - Vice-Chairman
3. The Member of Parliament (Lok Sabha): Ms. Diya Kumari - Member
4. The Member of Parliament (Lok Sabha): Shri Rajiv Pratap Rudy - Member
5. The Member of Parliament (Rajya Sabha): Shri Harshvardhan Singh Dungarpur - Member
6. Shri P.R. Sinha, Former Director, Wildlife Institute of India, Dehradun, House No. K-1-12, Sector –D, Prasad Lab, Kankar Bagh Colony, Patna, Bihar-800020 - Member
7. Dr. Tishyarakshit Chatterjee, Former Secretary, MoEF&CC, Plot No.208-A, Road No.14, Jubilee Hills, Telangana - 500033.- Member
8. Shri Hemendra Kothari, Chairman, DSP Black Rock, Mafatlal Centre, 10th Floor, Nariman Point, Mumbai-400021. - Member
9. Dr. Erach Bharucha, Director, Bharati Vidyapeeth Institute of Environment, Education and Research, Katraj - Dhankawadi Campus, Pune-Satara Road, Pune-411043. - Member
10. Shri B.K. Patnaik, Retd. PCCF (WL) & CWLW, Uttar Pradesh, 105, Surekha Villa, Migamananda Nagar, Lane-2, Bomikhal, Bhubaneswar, Odisha-751012. - Member
11. Shri SS Srivastava, IFS, Retd. PCCF & HOFF, Odisha, Flat No B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana)-122001.- Member
12. Shri Anish Andheria (Ph.D.), Wildlife Conservation Trust, 11th Floor, Mafatlal Centre, Nariman Point, Mumbai-400021. - Member
13. Shri Khageshwar Nayak, Retd. Field Director, Kanha Tiger Reserve, S.V.19, Shreekhetra Vihar, Aiginia, District. Khurda, Bhubaneswar, Odisha-751019.
14. Secretary, Ministry of Environment, Forests & Climate Change - Member
15. Director General of Forests & Special Secretary, Ministry of Environment, Forests & Climate Change - Member

16. Secretary, Ministry of Tribal Affairs - Member
17. Secretary, Ministry of Social Justice and Empowerment - Member
18. Chairperson, National Commission for the Scheduled Tribes - Member
19. Chairperson, National Commission for the Scheduled Castes- Member
20. Secretary, Ministry of Panchayati Raj - Member
21. Director, Wildlife Preservation, Ministry of Environment, Forests & Climate Change - Member
22. Chief Wildlife Warden, Uttar Pradesh - Member
23. Chief Wildlife Warden, Telangana - Member
24. Chief Wildlife Warden, Assam - Member
25. Chief Wildlife Warden, Odisha - Member
26. Chief Wildlife Warden, Jharkhand - Member
27. Chief Wildlife Warden, Maharashtra - Member
28. Joint Secretary and Legislative Counsel Legislative Department, Ministry of Law and Justice - Member
29. Additional Director General (Project Tiger), Ministry of Environment, Forests & Climate Change - Member Secretary

Functions of the NTCA:

Powers and functions of the National Tiger Conservation Authority as prescribed under section 38(O) of the Wildlife (Protection) Act, 1972, as amended in 2006 are as under:-

- (a) to approve the tiger conservation plan prepared by the State Government under sub-section (3) of section 38V of this Act;
- (b) evaluate and assess various aspects of sustainable ecology and disallow any ecologically unsustainable land use such as, mining, industry and other projects within the tiger reserves;
- (c) lay down normative standards for tourism activities and guidelines for Project Tiger from time to time for tiger conservation in the buffer and core area of tiger reserves and ensure their due compliance;
- (d) provide for management focus and measures for addressing conflicts of men and wild animal and to emphasize on co-existence in forest areas outside the National Parks, sanctuaries or tiger reserve, in the working plan code;
- (e) provide information on protection measures including future conservation plan, estimation of population of tiger and its natural prey species, status of habitats, disease surveillance, mortality survey, patrolling, reports on untoward happenings and such other management aspects as it may deem fit including future plan conservation;
- (f) approve, co-ordinate research and monitoring on tiger, co-predators, prey habitat, related ecological and socio-economic parameters and their evaluation;
- (g) ensure that the tiger reserves and areas linking one protected area or tiger reserve with another protected area or tiger reserve are not diverted for ecologically unsustainable uses, except in public interest and with the approval of the National Board for Wild Life and on the advice of the Tiger Conservation Authority;
- (h) facilitate and support the tiger reserve management in the State for biodiversity conservation initiatives through eco-development and people's participation as per approved management plans and to support similar initiatives in adjoining areas consistent with the Central and State laws;
- (i) ensure critical support including scientific, information technology and legal support for better implementation of the tiger conservation plan;
- (j) facilitate ongoing capacity building programme for skill development of officers and staff of tiger reserves, and
- (k) Perform such other functions as may be necessary to carry out the purposes of this Act with regard to conservation of tigers and their habitat.

CHAPTER III: Meetings of the National Tiger Conservation Authority and important decisions taken therein

18th Meeting of National Tiger Conservation Authority

The 18th Meeting of the National Tiger Conservation Authority (NTCA) was held on December 8, 2020 under Chairmanship of Sh. Prakash Javadekar, Hon'ble Minister of Environment, Forest and Climate Change and Chairman NTCA through video conference.

2. The list of participants is at **Annexure-A**.

3. The Hon'ble MEF&CC/Chairman NTCA welcomed the participants. The ADG (PT) & Member Secretary, NTCA apprised the participants about COVID-19 pandemic and the measures taken like issue of advisory, closing of tiger reserves for visitation by NTCA in the wake of COVID-19 infection in Bronx zoo tigers in the USA. Due to these preventive measures and timely intervention not a single case has been reported in the wild tigers of India.

He also highlighted the recent achievements of NTCA which includes: Release of All India Tiger Estimation (AITE) report on 28th July 2020 by Hon'ble MEF&CC and Chairman, NTCA; Guinness World Record for using largest number of camera traps for monitoring tigers and their prey base and Tx2 Award by consortium of GEF, UNDP, IUCN, WWF & GTF to Pilibhit Tiger Reserve and Manas Tiger Reserve.

The Member Secretary, NTCA also apprised the participants about the visit of Shri Rajiv Pratap Rudy, Hon'ble Member, NTCA to Valmiki Tiger Reserve and visit of the Secretary, MoEF&CC to Corbett and Ranthambore Tiger Reserve and mentioned about valuable suggestions/ feedback received during these visits for improving tiger reserve management.

4. This was followed by agenda wise discussion as below:

(i) Agenda No. 1: Confirmation of Minutes of 17th Meeting held on 06.01.2020.

Members confirmed minutes of 17th Meeting of the NTCA.

(ii) Agenda No. 2: Action Taken Report on the 17th Meeting of NTCA.

The ADG (PT) & MS (NTCA) briefly explained the highlights of Action Taken Report (ATR).

Members approved the ATR on 17th Meeting of the NTCA.

(iii) Agenda No. 3: Approval of Annual Report and Budget / Expenditure schedules for 2019-20.

The ADG (PT) & MS (NTCA) informed that there has been 100% utilization of budget sanctioned under Grants-in-aid and Grants-in-aid salaries during 2019-20.

Members approved the annual report and budget/expenditure schedules for 2019-20.

(iv) Agenda No. 4: Appraisal and ratifications of decisions of Technical Committee of NTCA and Recommendations made to National Board for Wildlife (NBWL).

The ADG (PT) & MS (NTCA) presented that during the current tenure of NTCA, six technical committees were held and recommendations for a total of 42 developmental proposals had been given to Standing Committee (SC) of NBWL under section 38 O of the Wildlife (Protection) Act, 1972.

The members ratified the decisions of Technical Committees and recommendations made to Standing Committee of NBWL.

(v) Agenda No. 5: Agenda items proposed by Shri Harshvardhan Singh Dungarpur, Hon'ble MP and Member NTCA.

(a) Notification of Kumbalgarh Wildlife Sanctuary as Tiger Reserve:

The ADG (PT) & MS (NTCA) informed the Hon'ble member about the process of declaration of tiger reserve and notification of critical tiger habitats which involves submission of proposals by the State Government.

He further stated that the proposal regarding notification of Kumbalgarh WLS as Tiger Reserve is awaited from the State of Rajasthan.

The Hon'ble Member also highlighted the problem of invasive weed lantana in tiger reserves across India. Taking note of the issue, the Hon'ble Chairman informed that apart from grassland development, water and fodder augmentation activities, the lantana removal and eco-restoration work will be undertaken using CAMPA funds in addition to the funding support provided under the ongoing Centrally Sponsored Scheme of Project Tiger.

(b) Notification of new critical tiger habitats in the State of Rajasthan.

The ADG (PT) & MS, NTCA informed that the Government of Rajasthan has been addressed on potential areas for which requisite action has to be taken by the State Government.

(c) Status of village relocation from tiger reserves

The ADG (PT) & MS (NTCA) stated that there are about 46,000 families still residing inside tiger reserves and relocation of these villagers will be undertaken on voluntary basis in a phased manner as and when financial resources are available. A rough estimate indicates that approximately Rs 6,000 crore shall be required for voluntary village relocation activity.

Secretary, MoEF&CC suggested that the possibility of involving private sector / non-governmental institutions in the village relocation process may be explored. Shri Hemendra Kothari, Member, NTCA highlighted the importance of village relocation in creating inviolate area and the difference it has already made in some tiger reserves like Tadoba Andhari Tiger Reserve in Maharashtra. He further suggested that the Corporate Social Responsibility (CSR) funds may also be tapped for the village relocation work.

The CWLW, Maharashtra mentioned that in case of Maharashtra, most of the potential village relocation sites are in the tribal dominated areas and for carrying out voluntary village relocation, funds from Tribal Department are being utilized. He suggested that a similar approach may be followed in areas having significant tribal population.

(e) Posting of staff as per sanctioned strength in tiger reserves

The ADG (PT) & MS, NTCA apprised that the staff strength details have been collated from all tiger reserves and letters have been issued by HMEF to Chief Ministers, Secretary to Chief Secretaries of States for filling existing vacancies in tiger reserve. Further, the status of staff position in tiger reserves is being monitored by the NTCA periodically.

(f) Notification of tiger corridors for movement of tigers

The ADG (PT) & MS (NTCA) informed that currently there are no provision within the Wildlife (Protection) Act, 1972 for notification of tiger corridors. However, these corridors are being safeguarded through enabling provisions of the Tiger Conservation Plan of tiger reserves which is a statutory requirement.

In addition to the aforementioned agenda points, the Hon'ble member raised the issue of tiger deaths in Mukundra Hills Tiger Reserves and at other places in Rajasthan due to poisoning, snaring and locally made explosives and also about the lantana invasive weed infestation.

The ADG (PT) & MS, NTCA informed that there is a Standard Operating Procedure (SOP) in place and *prima facie* all tiger deaths are treated as poaching unless proven otherwise. He mentioned that all tiger deaths of Rajasthan particularly of Mukundra Hills Tiger Reserve have been inquired by a NTCA team and the findings will be forwarded to the State for taking appropriate action.

(vi) Agenda No. 6: Agenda items proposed by Shri Rajiv Pratap Rudy, Hon'ble MP and Member NTCA.

a) Uniform operational guidelines for Tiger Conservation Foundations

The ADG (PT) & MS, NTCA stated that a total of 41 Tiger Conservation Foundations (TCF) have been created so far and guidelines for TCF have been issued. Hon'ble Chairman instructed that uniform guidelines / manual of operations for making TCF functionally operative may be issued within a month.

Secretary, MoEF&CC, commented that during his recent visits to Corbett and Ranthambore Tiger Reserves it was brought to his notice that gate receipts of Tiger

Reserves generated from eco-tourism activities were getting deposited to state treasury instead of ploughing it back to the foundation.

Further the Secretary added that he had already written to Chief Secretaries of Uttarakhand and Rajasthan requesting them to deposit the tiger reserve revenue into TCF account and a similar communication to the State Forest Ministers may be issued by Hon'ble Chairman.

Shri Rajiv Pratap Rudy, Hon'ble Member suggested that similar to 'Namami Gange Foundation' which receives CSR contributions a 'National Tiger Conservation Foundation' may be created for soliciting CSR donations for undertaking tiger conservation initiatives. The Secretary, MoEF&CC, suggested that in addition to the provision of cash contributions, provision may also be made for receiving contributions 'in kind'.

b) Improving efficiency and operationality of States Steering Committees

Shri Rajiv Pratap Rudy, Hon'ble Member informed the participants that though Steering Committees have been constituted by Tiger Range States but not a single meeting of these Steering Committees has taken place so far. Further, there is no provision of including Member of Parliament in the Steering Committees, the member added. Hon'ble Chairman, instructed the ADG (PT) & MS, NTCA to constitute a committee for formulation of rules for making Steering Committees functional.

c) Formulation of Tiger Conservation Plans (TCP)

The ADG(PT) & MS, NTCA informed the members that out of 50 tiger reserves, the TCPs of 38 tiger reserves have been approved by NTCA and TCPs of only 12 tiger reserves are under preparation at various stages by the State Governments.

d) Compliance of decisions taken during 16th and 17th meeting of the NTCA

Shri Rajiv Pratap Rudy, Hon'ble Member commented that in respect of Action Taken Report of 17th NTCA meeting, information is still wanting in respect of issues like water management in tiger reserves and simplification of eco-tourism guidelines issued by NTCA.

In the context of LAC members and simplification of carrying capacity guidelines are being addressed by a committee constituted for updating the NTCA guidelines.

The Hon'ble member suggested that a comprehensive report on water management in tiger reserves may be sought from the tiger reserves and all pending activities like simplification of tourism related guidelines etc should be expedited. The Hon'ble member also suggested that members may be consulted for feedback before issuing guidelines on thematic areas like Corporate Social Responsibility for conservation.

The Hon'ble Chairman, NTCA informed the members that the use of LIDAR technology for survey of forest resourced is being explored by the Ministry and this latest technological tool may help in mapping the water resources of tiger reserves as well.

Other points highlighted by the Hon'ble Member for compliance under this agenda item were:

- Re-designation of sub-committee members for better co-ordination with States.
- Revision of Local Advisory Committee (LAC) guidelines as there is no provision of including the Member of Parliament in LAC.
- Preparation of directory of Inspection Bungalows / Forest Rest Houses of tiger reserves.
- Organizing training program for tour operators

Taking note of the points, the Authority instructed the NTCA officials for organizing capacity building training modules / programs for tour operators.

e) Veterinary infrastructure in tiger reserves

The Hon'ble Member suggested that appropriate veterinary infrastructure should be created in each of the tiger reserve for monitoring the health of wildlife. The suggestion was noted by the Authority and instructions were given for collecting information on existing veterinary infrastructure in tiger reserves. Secretary, EF&CC suggested training of veterinary doctors in wildlife procedures from experienced States like Madhya Pradesh and Gujarat.

f) Brief on visit to Valmiki Tiger Reserve, Bihar to all members

The Hon'ble Member shared a brief report pertaining to his visit to Valmiki Tiger Reserve and expressed satisfaction at the conservation works being undertaken in the tiger reserve. He suggested that such visits by NTCA members would further the cause of tiger conservation through effective co-ordination and liaisoning with all concerned.

g) Status of Kaimur National Park, Bihar for discussion

The ADG(PT) & MS, NTCA informed that a proposal in this regard is awaited from the State Government for considering it to declare it a tiger reserve.

h) Inclusion of Member (s) of Parliament in Tiger Conservation Foundations

The Hon'ble Member suggestion for including the Members of Parliament in the Tiger Conservation Foundation (TCF) and framing of operational manual for TCF was noted by the Hon'ble Chairman.

The Hon'ble Member while appreciating the good work of NTCA officials categorically highlighted the issues of reduction of Project Tiger budget from Rs 350 crores to Rs 195 crores in the current financial year. He emphasized that a large chunk of funds allocated to tiger reserve being spent on employment of local communities as forest watchers, trackers for protection of forest and wildlife. This sudden cut in the CSS-Project Tiger budget may affect the livelihoods of poor and vulnerable people during COVID-19 pandemic. Hon'ble Member urged the Chairman to kindly ensure adequate funding support to NTCA and Tiger Reserve so that protection of forest & wildlife doesn't get compromised.

The Authority took note of the budget related issues and instructed the MS, NTCA to prepare a brief note for apprising the Finance Minister about the fund requirement.

(vii) Agenda No. 7 : Proposed by Shri P. R Sinha, Member NTCA

Shri Sinha, Member NTCA mentioned about several important tiger reserve management issues flagged in the All-India Tiger Estimation – 2018 report which needs to be acted upon. He said that 39 out of 50 reserves do not have self -sustaining population. Long term survival of these reserves would depend upon addressing negative factors operating in the fringe and corridors connecting these reserves. There is need for lateral thinking for developing appropriate strategies to manage these populations. He suggested that a brain storming session may be organized with relevant agencies to address negative factors operating on such populations. .

The MS, NTCA briefed the member that all issues highlighted in the AITE and Management Effective Evaluation exercise of 2018 have been communicated to all Tiger Range States for appropriate action and shall be duly reviewed.

(viii) Agenda No. 8 : Proposed by Dr S. S. Srivastav, Member NTCA

Dr Srivastav proposed that the land vacated inside the tiger reserve due to voluntary village relocation should be monitored for the status of prey, habitat and the management interventions which may be required for use by the wildlife. MS, NTCA while taking note of the point reiterated that the issue will be addressed in collaboration with Wildlife Institute of India.

The Member NTCA also pointed out the implications of reduced funding support to tiger reserves particularly in tiger reserves affected particularly by Left Wing Extremism. He urged the Chairman, NTCA for providing additional budget in the current financial year.

(ix) Agenda No. 9 : Any other item with the approval of the Chair.

(a) ADG (PT) & MS, NTCA:

With the approval of Chair, the ADG(PT) & MS, NTCA explained the need for having a Vision Plan for tiger conservation for the next 10 years which was agreed by the Authority.

(b) Shri Hemendra Kothari

The member reiterated the points pertaining to the importance of voluntary village relocation by enhancing the relocation package and the need for ploughing back the gate receipts of tiger reserve into the Tiger Conservation Foundations.

(f) Dr Anish Andheria

The member suggested that NTCA may consider issuing an advisory to the Tiger Range States to manage corridors for facilitating the movement of dispersing tigers. According to him, sometimes the corridors are managed by following the approach used for 'core area' of tiger reserve which may lead to growing human-wildlife conflicts. He also suggested that 'Compensatory Afforestation' may be carried out in corridor areas as it will be a win-win situation for the project proponent and also for tiger reserves. The member pointed out that CSS-Project Tiger funds play an important role in tiger reserve management and any cut in the funding would have adverse impacts on tiger conservation.

(g) Shri Rajiv Pratap Rudy, Hon'ble MP & Member NTCA

The Hon'ble Member suggested that the status of linear infrastructure projects may be expediated because the delay in construction impacts the movement of wild animals.

The Hon'ble Member appreciated the work being done by the NTCA for tiger conservation in the country and requested for quarterly meeting of the NTCA on regular basis.

(h) CWLW, Odisha

The CWLW, Odisha requested for enhancement of package for voluntary village relocation. It was informed that the proposal in this regard is already under consideration.

Hon'ble Minister, EF&CC and Chairman, NTCA, expressed satisfaction over the efforts of NTCA. The meeting ended with thanks to the Chair and participants.

Annexure-1 List of participants

Sl.No	Name / Designation and Address
1.	The Minister in charge of the Ministry of Environment, Forest and Climate Change
2.	The Minister of State for Environment, Forest and Climate Change
3.	Ms Diya Kumari, Member of Parliament (Lok Sabha)
4.	Shri Rajiv Pratap Rudy, Member of Parliament (Lok Sabha)
5.	Shri Harshvardhan Singh Dungarpur, Member of Parliament (Rajya Sabha)
6.	Shri P.R. Sinha, Former Director, Wildlife Institute of India, Dehradun, House No. K-1-12, Sector -D, Prasad Lab, Kankar Bagh Colony, Patna, Bihar-800020.
7.	Dr. Tishyarakshit Chatterjee, Former Secretary, MoEF&CC, Plot No. 208-A, Road No. 14, Jubilee Hills, Telangana-500033
8.	Shri Hemendra Kothari, Chairman, DSP Black Rock, Mafatlal Centre, 10th Floor, Nariman Point, Mumbai-400021. Maharashtra
9.	Dr. Erach Bharucha, Director, Bharati Vidyapeeth Institute of Environment, Education and Research, Katraj-Dhankawadi Campus, Pune-Satara Road, Pune-411043
10.	Shri B.K. Patnaik, IFS, Retd. PCCF & CWLW, Uttar Pradesh, 105-Surekha Villa, Nigamananda Nagar-2, Bomikhal, Bhubaneswar, Odisha-751010.
11.	Shri S.S. Srivastava, IFS, Retd. PCCF & HoFF, Odisha, Flat No. B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana)-122001.
12.	Shri Anish Andheria (Ph.D.), Wildlife Conservation Trust, 11th Floor, Mafatlal Centre, Nariman Point, Mumbai-400021.
13.	Shri Khageswar Nayak, Retd. Field Director, Kanha Tiger Reserve, S.V.19, Shreekhetra Vihar, Aiginia, Dist. Khurda, Bhubaneswar, Odisha-751019.
14.	Secretary, Ministry of Environment, Forest and Climate Change
15.	Director General of Forests & Special Secretary, Ministry of Environment, Forest and Climate Change
16.	Secretary, Ministry of Tribal Affairs, Environment, Forest and Climate Change
17.	Secretary, Ministry of Social Justice and Empowerment
18.	Chairperson, National Commission for the Scheduled Tribes
19.	Chairperson, National Commission for the Scheduled Castes
20.	Secretary, Ministry of Panchayati Raj
21.	Director, Wildlife Preservation, Ministry of Environment, Forest and Climate Change
22.	Chief Wildlife Warden, Uttar Pradesh
23.	Chief Wildlife Warden, Telangana
24.	Chief Wildlife Warden, Assam
25.	Chief Wildlife Warden, Odisha
26.	Chief Wildlife Warden, Jharkhand
27.	Chief Wildlife Warden, Maharashtra
28.	Joint Secretary and Legislative Counsel, Legislative Department, Ministry of Law and Justice
29.	Additional Director General of Forests (Project Tiger), Ministry of Environment, Forest and Climate Change
30.	All Officers of NTCA (Hqrs.) and Regional Offices (NTCA) (Hq), Bengaluru, Guwahati and Nagpur

TECHNICAL COMMITTEE OF NATIONAL TIGER CONSERVATION AUTHORITY

5th Meeting of NTCA Technical Committee

Minutes of the 5th meeting of NTCA Technical Committee held through circulation in the wake of COVID-19 under the Chairmanship of the ADG (PT) & Member Secretary - NTCA.

The meeting was attended by the following members:

1. Dr. ErachBharucha, Director, Bharat Vidyapeeth Institute of Environment, Education and Research, katraj-Dhankawadi Campus, Pune- Satara Road, Pune- 411043.
2. Sh. S.S. Srivastava, IFS, Retd. PCCF &HoFF, Odisha, Flat No B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana) - 122001.
3. Director (IFD), Ministry of Environment, Forest and Climate Change.
4. Director, Wildlife Institute of India, Dehradun.
5. Chief Wildlife Warden, Uttar Pradesh, Lucknow.
6. Chief Wildlife Warden, Maharashtra, Nagpur.
7. Chief Wildlife Warden, , Odisha, Karnataka.
8. Chief Wildlife Wardens, Madhya Pradesh, Assam, Arunachal Pradesh, Nagaland, Mizoram, Sikkim, West Bengal, Kerala, Tamil Nadu, Odisha, Jarkhand and Chhattisgarh
9. Dr. Uma Ramakrishnan, National Centre for Biological Science (NCBS), Bengaluru.

Agenda 1:

Proposal received from the Director, WII, and Dehradun about the no cost extension of the All India Tiger Estimation -2018 Project till 30th June 2020 due to the prevailing lockdown:

Proposal received from o/o Director, WII as mentioned above vide letter dated 16th April, 2020. The details of this project are as under: It is a project for country wide assessment of tigers, co-predators and prey species in India. It is a 2-year project from 2017-19, which got extended to 31st March 2020 previously by approval of the Technical committee in its previous meetings. Total Project cost: 1045.21 lakhs, Amount released: 1001.42 lakhs, balance: -- 43.79 lakhs. (UC & physical/financial progress report of the allotment of 2019-20 awaited) Because of lockdown prevailing in the country, the no cost extension till 30th June, 2020 was accorded by NTCA vide letter no. 11-1/2-17-NTCA(Vol. IV) dated 27th April,2020 and now the post facto approval of the Technical committee is kindly solicited.

Decision: Approved.

Agenda 2:

Proposal received from the Director, WII, Dehradun about the no cost extension of the MSTRIPES (ver2) Project till 30th June, 2020 due to the lockdown prevailing:

Proposal received from o/o Director, WII as mentioned above vide letter dated 16th April, 2020. The details of this project are as under: It is a project for country wide implementation of MSTRIPES, an android application for smart patrolling and collection of ecological data from the field. It is a 3 year project from 2016-19 which got extended to 31st March, 2020 previously by approval of the Technical committee in its previous meetings. Total Project cost: 366.10 lakhs, Amount released: 301.70 lakhs, balance: -- 64.4 lakhs. (UC & physical/financial progress report of the allotment of 2019-20 awaited) Because of lockdown prevailing in the country, the no cost extension till 30th June ,2020 was accorded by NTCA vide letter no. 11-1/2-17-NTCA(Vol. IV) dated 27th April,2020 and now the post facto approval of the Technical committee is kindly solicited.

Decision: Approved.

Agenda 3:

Tiger Conservation Plan of Sanjay Tiger Reserve, Madhya Pradesh

The Sanjay Tiger Reserve is made up of the Core area of 812.58 sq. kms. constituted of the Sanjay National Park and Dubri Wildlife Sanctuary. The Buffer area is 861.93 sq. kms. and is composed of portions of Siddhi Territorial Division North Shahdol Territorial Division and portions of Dubri Wildlife Sanctuary and Sanjay National Park.

After initial submission of TCP, this authority asked for certain corrections in the same. The state authorities have incorporated the correction and submitted TCP finally with the above themes. The TCP with above highlighted themes needs to be approved by Technical Committee as above.

Decision: Approved.

Agenda 4:

Tiger Conservation Plan of Sundarbans Tiger Reserve, West Bengal

- The Sundarban Tiger Reserve is one of the initial nine tiger reserves declared during 1973 and encompasses a total area of 2584.89 km² of which 1699.62 km² has been declared as the Critical Tiger Habitat and 885.27 km² as the buffer area :

Sajnekhali Wildlife Sanctuary	-	362.40 sq. km.
The Sundarban National Park	-	1330.10 sq. km.
Reserve Forest	-	892.43 sq. km.

After initial submission of TCP, this authority asked for certain corrections in the same. The state authorities have incorporated the correction and submitted TCP finally with the above themes. The TCP with above highlighted themes needs to be approved by Technical Committee as above.

Decision: Approved.

Agenda 5:

Genetic sampling of tigers from isolated populations across India to identify the presence and distribution of rare alleles:

A proposal in this regard is received from Uma Ramakrishnan, National Centre for Biological Science (NCBS), TIFR, Bengaluru regarding **Genetic sampling of tigers from isolated populations across India to identify the presence and distribution of rare alleles by using non-invasive method (Scat Collection).**

Reduced genetic variation as a consequence of large-scale forest loss and changes in landscape connectivity is one of the greatest threats to wild, forest-dependent species globally (Schlaepfer et al. 2018).

In order to assess the presence and persistence of these alleles across tiger populations the project proponent aims to sample in areas where historical records include reports of these rare phenotypes, and test whether these alleles are increasing in frequency in small, isolated populations. Change in allele frequency and expression of rare phenotypes may be an indicator of inbreeding occurring within these populations.

Historic records suggest that these rare alleles may be present in south and northeast India. Proponent has proposed to sample across states in the northeast where tigers are present, including Assam, Nagaland, Arunachal Pradesh, West Bengal, Mizoram, and Sikkim. They will sample from Kerala and Tamil Nadu where there have been historic reports of black tigers and a leopard, and white tigers, respectively. Given the known presence of pseudo-melanistic alleles at high frequency within Similipal, proponent aim to sample from Jharkhand, and Chhattisgarh which are proximate to this area.

As per the proposal received from project proponent there is no financial implication on NTCA. The project proposal is also attached for comments of Technical Committee members.

Decision: Approved without financial support and subject to requisite permission from respective state authorities.

6th Meeting of NTCA Technical Committee

Minutes of 6th meeting of NTCA Technical Committee held on 14.08.2020 held under the Chairmanship of ADG (PT) & MS, NTCA through video conference.

The meeting was attended by the following members:

1. Dr. Erach Bharucha, Director, Bharat Vidyapeeth Institute of Environment, Education and Research, Katraj-Dhankawadi Campus, Pune- Satara Road, Pune-411043.
2. Sh. S.S. Srivastava, IFS, Retd. PCCF & HoFF, Odisha, Flat No B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana) - 122001.
3. Director (IFD), Ministry of Environment, Forest and Climate Change.
4. Director, Wildlife Institute of India, Dehradun.
5. Chief Wildlife Warden, Uttar Pradesh/Maharashtra/Madhya Pradesh/Uttarakhand.
6. Secretary General, Global Tiger Forum, New Delhi
7. Field Director(s), Corbett, Kanha and Nawegaon-Nagzira Tiger Reserves.

1. Proposal for establishment of Tiger Safari infringe area of Kanha Tiger Reserve.

Brief: A Proposal was received from Field Director, Kanha TR in relation to establishment of Tiger Safari in Mandla (T) Division in Bamhni Range (Poudi beat) in fringes of Kanha TR. Further in response to query raised by this authority vide F.NO. 7-23/2015-NTCA dated 11.06.2020, Chief Wildlife Madhya Pradesh has submitted that area has a perennial river Banjar flowing parallel to proposed site. This is located at 8 km from Khatia gate of Kanha Tiger Reserve. As informed by CWLW, the proposed area doesn't fall in any corridor/ crucial habitat for Tiger Conservation. CWLW, M.P has requested for approval of said area for setting up a tiger safari in view of "Guidelines to establish Tiger Safari in buffer and fringe areas of Tiger Reserves". (Detailed proposal attached). The same was placed before Technical Committee for approval.

Decision: Approved, subject to necessary clearance by the Central Zoo Authority.

2. Inclusion of areas of relocated villages i.e. Dhara, Jhira, Khotirau, Laldhang in Corbett Tiger Reserve consequent to declaration as Reserve Forest.

Brief: A proposal was received from Director, Corbett TR, for declaring additional area i.e. 514.075 ha, of rehabilitated villages **Dhara, Jhirna, Kothirao and Landhang for notification as Buffer area of Corbett Tiger Reserve.**

Four villages Dhara, Jhirna, Kothiro and Laldhang at the southern periphery of the Tiger Reserve have been relocated and the Private Lands belonging to the erstwhile villagers have been declared as Reserve Forests by notifications under section 20 of Indian Forest Act, 1927. The Areas are now proposed to be included in the Tiger Reserve as buffer area. The area statement is as per the table given below. (Area in Hectare)

1. Laldhang -	243.429
2. Kothiroa-	34.478
3. Jhirna -	129.938
4. Dhara -	<u>106.230</u>
Total Area-	514.075 ha.

The Recommendation of National Tiger Conservation Authority under section 38V(1) of Wildlife (Protection) Act 1972 is required for the state government to make the enabling notification under Wildlife (Protection) Act 1972 to declare the area as buffer area of the Tiger Reserve.

Decision:The Technical Committee approved inclusion of 514.075 ha Reserve Forest of Laldhang, Kothirao, Jhirna & Dhara as Buffer Area of the Corbett Tiger Reserve.

3. Tiger Conservation Plan of Nawegaon-Nagzira Tiger Reserve, Maharashtra for 2020-21 to 2029-30.

Brief: Tiger Conservation Plan of Nawegaon-Nagzira Tiger Reserve was received from the Chief Wildlife Warden, Maharashtra. The same discussed by Technical Committee for recommending approval of TCP under Section 38V of the Wildlife (Protection) Act, 1972.

Decision: Deferred in view of non-submission of TCP of Buffer Area.

4. Proposal for preparation of Master Plan for High Altitude Tiger (HAT) sites in India.

Brief: A Situation analysis on high altitude tiger habitats covering three countries, viz. Bhutan, India and Nepal, was done recently by the GTF, as a collaborative initiative involving the respective governments, NTCA, WII, WWF India, NTNC Nepal, Global Tiger Centre, Bhutan. The findings provide a snapshot of tiger presence and potential tiger habitats in the Eastern and Western Himalayan landscapes.

Global Tiger Forum has submitted a proposal for preparation of master plan for in-situ conservation of high-altitude tiger habitats in India in states of Uttarakhand, Arunachal Pradesh, Sikkim and West Bengal. The total duration project is 18 months and project cost is Rs. 60.65 lakhs as a part funding for project implementation in Arunachal Pradesh, West Bengal and Uttarakhand. Project will be implemented by GTF in Sikkim and trans border (Nepal & Bhutan) through their own resources.

Decision: Approved.

5. Collaborative Proposal towards Capacity Building for Senior Officers/Field Managers from the Tiger Range Countries (TRCs).

Brief: India has a long-standing successful track record of wild tiger conservation and is home to more than 70% of global wild tigers. There are as many as 13 Tiger Range Countries (TRCs) globally, including India. The status of wild tiger across TRCs continues to be endangered, more so in the South East Asia region.

India is known for many milestone initiatives to strengthen its tiger conservation, which includes several national and international initiatives. Apart from bilateral with neighbouring TRCs, India is also a founder member of the only inter-governmental, international body for tiger- the Global Tiger Forum (GTF), which is headquartered at New Delhi.

In order to initiate the above demonstrative action, and given the prevailing situation of Covid-19, a one week online certificate training course (*inclusive of lec dem field videos*) is proposed by GTF for officials from the tiger range countries. The project duration is 4 months and total project cost is 14.45 lakhs.

Decision: Approved.

6. Release of initial funds for study on Cheetah-introduction.

Brief: Hon'ble Apex Court has approved introduction of African Cheetah in its order dated January 28, 2020 on an experimental basis and constitute an Expert Committee to guide and coordinate with the NTCA to bring the African Cheetah to India. The first meeting of expert committee was held on March 6, 2020, wherein a proposal was solicited from the NTCA and WII for short term and long term interventions to bring the Cheetah to India. Meanwhile to ensure initiation of the project proposal involving field survey, assessment/re-assessment, immediate funding in necessitated. It is proposed to accord sanction of Rs. 10.00 lakhs from NTCA to facilitate immediate initiation of the project implementation through the WII which will be adjusted in the additional allocation for Cheetah by the Ministry.

Decision: Approved.

Additional Agenda

1. Finer scale mapping and prioritization of tiger corridors in India:

A proposal in this regard was submitted by Wildlife Institute of India during the 1st NTCA TC meeting dated 11.04.2019. This proposal seeks re-assessment of tiger corridors, which is needed with latest field observations considering the highly dynamic nature of habitat features and animals. Since these populations are small and isolated, their long-term persistence depends on maintaining gene flow by exchanging individuals between populations through corridors/linkages. Therefore, long-term sustenance of tiger can be ensured by maintaining large meta-populations through safe connectivity at landscape level. "In principle" approval subject to detailed proposal with timeline and financial outlay was decided in the said meeting.

Now, a proposal has been submitted to relook at the corridors mapped in 2010 at a course resolution with new data at a finer resolution. While simultaneously identifying areas where restorative management is required to keep these corridors functional. The cost details with time lines are required to be furnished for final approval.

Director, WII / Dean, WII may present details before the Technical Committee in this regard to decide upon modalities and approval for initiating the project. The total duration project is 24 months and project cost is Rs. 36.28 lakhs.

Note: (i) The proposal was approved “in principle” subject to detailed proposal with timeline and financial outlay to be submitted by NTCA tiger cell at WII. (1st Technical Committee meeting)
(ii) The proposal deferred with the observation that the proposal may be considered only after All India Tiger Estimation, 2018 report is submitted along with Tiger Corridor Mapping Report. (3rd Technical Committee.)

Decision: Approved.

2. Study on vegetation and habitat quality changes vis-à-vis Tiger Conservation in Indian.

It is pertinent to note that All India Tiger Estimation exercise since 2006, 2010, 2014 & 2018 cycles have generated enormous data on vegetation, habitat status, floral diversity etc. pertaining to all Tiger Reserves and beyond in tiger bearing areas. It is necessary to study the change in habitat quality and vegetation across tiger reserves in order to understand the impacts of such interventions which have been taken up as part of management prescriptions enshrined through tiger conservation plans / management plans for habitat management to facilitate long terms tiger conservation and management.

In the said context, NTCA would request the WII to develop a project proposal in order to facilitate the said study to assess vegetation and habitat quality changes in the country with reference to tiger reserves and tiger bearing areas.

Decision: Approved “in principle”, subject to submission of detailed budget and timeline of proposal by Director, Wildlife Institute of India, Dehradun.

7th Meeting of NTCA Technical Committee

Minutes of 7th meeting of NTCA Technical Committee held on 27th November, 2020 held under the Chairmanship of ADG (PT) & MS, NTCA through video conference.

The meeting was attended by the following members:

1. Dr. Erach Bharucha, Director, Bharat Vidyapeeth Institute of Environment, Education and Research, Katraj-Dhankawadi Campus, Pune- Satara Road, Pune-411043.
2. Sh. S.S. Srivastava, IFS, Retd. PCCF & HoFF, Odisha, Flat No B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana) - 122001.
3. Director (IFD), Ministry of Environment, Forest and Climate Change.
4. Director, Wildlife Institute of India, Dehradun.
5. Chief Wildlife Warden, Uttar Pradesh, Lucknow.
6. Chief Wildlife Warden, Maharashtra, Nagpur.
7. Chief Wildlife Wardens, Madhya Pradesh.
8. Field Director, Sanjay-Dubri/ Pench/ Bandhavgarh Tiger Reserve, Madhya Pradesh.

Agenda 1: Developing voluntary carbon market projects for Tiger Reserves in India.

1. The proposal is submitted by Dr J. V. Sharma, Director, Forestry & Biodiversity Division, TERI, New Delhi.
2. The project is about innovative financing mechanism for tiger reserves with major objectives of managing the growing human wildlife conflicts, reducing the resource dependence of local communities through carbon sequestration in tiger reserves.
3. A brief presentation about the project covering the potentials, methods and institutional mechanism for project implementation and benefit sharing was given by DIG, NTCA.
4. The pilot project sites are: Dudhwa, Sundarban, Pench and Periyar Tiger Reserve and expected time of the project is 20 years (4 cycles @ 5 year interval).
5. A query was raised by Dr S S Srivastav, member regarding the need for the project when there are ecosystem valuation studies have already been done. It was reiterated by ADG (PT) & MS, NTCA that currently there are no examples of such projects being implemented in India due to lack of capacity in project formulation. The proposed project is a pilot study, which intends to supplement the income of Tiger Conservation Foundations not having tourism revenues due to COVID-19 pandemic and assures steady source of income over the years.

Decision: Recommended for approval.

Agenda 2: Release of re-wilded tigress PTR84_F alias PKT1-C2

1. The proposal is received from CCF & Field Director, Pench Tiger Reserve, Maharashtra and involves release of rewilded tigress PTR 84_F alias PKT1-C2 in the wild.
2. The FD, Pench Tiger Reserve gave a detailed presentation on the history of the cub, rewilding approach followed, monitoring mechanism deployed, compliance of SOP/ guidelines of NTCA in rewilding of the said cub.
3. Prof Qamar Qureshi, suggested that the rewilded tigress may be fitted with satellite collar for a year and subsequently VHF collar for 2-3 years.
4. Members unanimously agreed that the rewilded tigress should be released in the Pench Tiger Reserve where the rewilding exercise has been carried out.

Decision: Recommended for approval subject to the deployment of 24x7 monitoring system which is followed in Panna and Sariska Tiger Reserve.

Agenda 3: Submission of Tiger Conservation Plan of Nawegaon – Nagzira Tiger Reserve, Maharashtra.

1. The proposal regarding approval of Tiger Conservation Plan (TCP) of Nawegaon-Nagzira Tiger (NNTR) Reserve received from PCCF (Wildlife), Maharashtra.
2. A presentation highlighting the salient features of the draft TCP was given by the Deputy Director, NNTR.
3. The draft TCP has been reviewed in details by NTCA and the observations will be circulated to Field Director for compliance.

Decision: Deferred.

Agenda 4: No-cost extension of the project “Genetic connectivity at Landscape scales for large carnivore populations in Tiger Habitats.

1. The proposal is received from the Director, Wildlife Institute of India.
2. The project was initially sanctioned for an amount of Rs 68.482lakh but so far Rs 26 lakh only has been released by NTCA due to shortage of funds. Owing to the limited release of funds and the need for additional time and funds for achieving the project objectives, no-cost extension of the project has been sought for one more year.
3. The PI of the project has been requested to finalize the primers for identification of tiger / leopard from scat samples (one of the objectives of the project) at the earliest in collaboration with the other agencies/ institutes associated with the project.

Decision: Recommended for approval.

Agenda 5: Radio-collaring of two sub adult tigers in Sanjay Dubri Tiger Reserve.

1. The proposal received from CWLW, Madhya Pradesh is regarding radio-collaring of two sub adults of T-11 tigress in Sanjay-Dubri Tiger Reserve.
2. The CWLW explained that the two sub adult tigers have been frequenting human habitations for the last 2-3 months creating panic situation in the local communities and often leading to serious law & order issues. For ensuring the safety of the tigers and for preventing the possible human-tiger conflicts, the radio collaring proposal has been submitted.
3. Shri S S Srivastav, member, was of the opinion that radio collaring will not solve the issue of human wildlife conflict but instead focus should be on deployment of field staff in affected areas for intensive monitoring using camera traps and setting of camp near the village.
4. Prof Qamar Qureshi suggested that both satellite and VHF collars may be used for radio-collaring. He further suggested that negative experiments with humans for tigers may be tried to dissuade the tigers from venturing into human dominated areas.

Decision: Considering the potential of human-tiger conflicts in negating the consolidated work tiger conservation.

Agenda 6: Translocation of two gharial

1. The proposal submitted by CWLW, Madhya Pradesh is about translocation of two gharial from National Chambal Sanctuary to Son Ghadial Sanctuary.
2. Permission has already been given by Wildlife Division, MoEF&CC and the project area is outside the tiger reserve.

Decision: No comments as the areas is outside tiger reserve.

Agenda 7: Development of tiger safari in Pench and Bandhavgarh Tiger Reserve.

1. Two proposals have been received from CWLW, Madhya Pradesh for establishing the tiger safari in Pench and Bandhavgarh Tiger Reserve.
2. The proposed areas are in the buffer areas of the tiger reserve and away from corridor. The main purpose of the safari is to reduce the tourism pressure from the core areas of the tiger reserves.

Decision: Recommended for approval subject to statutory approvals / clearances from Central Zoo Authority and other agencies.

Agenda 8: Completion of M-STrIPES Phase II and proposal on development & implementation of M-STrIPES Phase II.

1. As per the mandate given by NTCA, the WII has developed the M-STrIPES program and initiated its implementation since 2011. The program was redesigned and recorded in 2016 to include the mobile based data collection and data synchronization at server level. The program has been instrumental in highlighting the enforcement efforts put in by State Forest Departments in safeguarding the tiger reserves across the country.
2. All deliverable of phase I which includes project completion report, mobile application and desktop analysis tools are have been submitted to NTCA and an amount of Rs 64.4 lakhs needs to be released by NTCA to WII.
3. Based on the outcome & feedback of phase I, now the WII is proposing phase II of M-STrIPES project with the following objectives and a detailed presentation was made by Prof Qamar Qureshi:
 - Updating M-STrIPES apps with changing android versions
 - Developing desktop software using advance database for processing big data.
 - Developing cloud based camera trap image recognition software to assist phase IV and country wide monitoring.
 - Developing web-analytics for online report for multi scale data.
 - Developing apps for Sundarbans.
 - Training and hand-holding of Tiger Reserves in implementing updated M STrIPES software.
 - Institutionalizing M-STrIPES implementation through NTCA regional centers.
 - Establishing service center for 24x7 services on M-STrIPES.
 - Developing mirror database server at NTCA and WII.
 - Developing user manuals, reports, articles and website on MStrIPES.

Decision: Recommended for approval as per the revised phase II budget.

8th Meeting of NTCA Technical Committee

Minutes of 8th meeting of NTCA Technical Committee held on 22nd January, 2021 held under the Chairmanship of ADG (PT) & MS, NTCA through video conference.

The meeting was attended by the following members:

1. Dr. Erach Bharucha, Director, Bharat Vidyapeeth Institute of Environment, Education and Research, Katraj-Dhankawadi Campus, Pune- Satara Road, Pune-411043.
2. Sh. S.S. Srivastava, IFS, Retd. PCCF & HoFF, Odisha, Flat No B-031, Raheja Atlantis, Sector-31, Gurgaon (Haryana) - 122001.
3. Director (IFD), Ministry of Environment, Forest and Climate Change.
4. Director, Wildlife Institute of India, Dehradun.
5. Chief Wildlife Warden, Uttar Pradesh, Lucknow.
6. Chief Wildlife Warden, Maharashtra, Nagpur.
7. Chief Wildlife Warden, Rajasthan.
8. Dr. Sandeep Saxena, Additional Chief Secretary to Government, Chennai.
9. Dr. Harish Kumar, Scientist E, Science & Engineering Research Board (SERB), New Delhi.
10. Field Director, Sariska/ Ranthambore Tiger Reserve (s).

S. No.	Agenda	Financial Implication	Agency	Decision
1.	5 th cycle of the All India Tiger Estimation due in 2022	Rs.18.24 crores	The Director, Wildlife Institute of India, Dehradun	Recommended for approval.
2.	Changing of Radio collar of tigress ST-10 in Sariska Tiger Reserve, Rajasthan	NIL	The Chief Wildlife Warden, Govt. of Rajasthan	Recommended for approval.
3.	Ex-post facto permission to tranquilize male tiger T-108 in Ranthambhore Tiger Reserve	Nil	The Chief Wildlife Warden, Govt. of Rajasthan	Recommended for approval.
4.	Relocation of 12 barasingha from Kanha Tiger Reserve to Satpuda Tiger Reserve	Nil	The Chief Wildlife Warden, Govt. of Madhya Pradesh	Recommended for approval along with constitution of the team for Barasingha reintroduction project

5.	Assessment of physiological stress and reproductive potential of tiger populations with reference to anthropogenic disturbances including tourism in select tiger reserves	Nil	Dr. Harish Kumar, Scientist - E Science & Engineering Research Board (SERB) 5 & SA, Lower Ground Floor, Vasant Square Mall Plot No. A, Community Centre sector-B, Pocket-5, Vasant Kunj, New Delhi-110070	Recommended for approval subject to conditions: (i) The detailed concept and sampling framework shall be designed in consultation with the NTCA (ii) All research findings shall be shared with the NTCA prior to publication and release in public domain (iii) The Tiger Reserve, State Governments as well as the NTCA shall be acknowledged in all publication emanating from the research.
6.	Tiger Conservation Plan of the Pilibhit Tiger Reserve, Uttar Pradesh	Nil	The Chief Wildlife Warden, Govt. of Uttar Pradesh	Recommended for approval.

9th Meeting of NTCA Technical Committee

Minutes of 9th meeting of NTCA Technical Committee held on 22nd February, 2021 held under the Chairmanship of ADG (PT) & MS, NTCA through video conference.

The meeting was attended by the following members:

1. Dr. S. P. Yadav, ADG (PT) & MS (NTCA)
2. Dr. Amit Mallick, IGF, NTCA
3. Dr. Dhananjai Mohan, Director, WII, Dehradun.
4. Nitin Kakodkar, CWLW, Maharashtra
5. S. S. Srivastava, Member, NTCA
6. Erach Bharucha, Member, NTCA
7. Jerome Minz, Director, IFD, MoEFCC
8. R. B. Sinha, FAO
9. Hemant Kamdi, AIGF (NTCA), RO, Nagpur

S. No.	Agenda	Financial Implication	Agency	Decision
1.	Ex-post facto approval for meetings of the CWLWs of Tiger Range States and FDs of Tiger Reserves of South India, Central India and East and North East India.	Rs. 31.05 lakhs (11.60 lakhs +8.95 lakhs+10.50 lakhs)	Tiger Conservation Foundation of Mudumalai, Kaziranga, Pench, Maharashtra	Recommended for approval.
2.	Collaboration with NTCA, MoEF&CC in planning, implementation and monitoring of GEF-6 funded green-Ag project in landscape having Tiger Reserves.	NIL	Shri Tomio Shichiri, Food and Agriculture Organization (FAO) representative in India	Recommended for approval at no cost to the NTCA, subject to the condition that no intervention/activity in tiger reserves and in variance to prescriptions of the Tiger Conservation Plans of the said tiger reserves.
3.	Hiring of office space by this Authority for Tiger Cell	Rs.75,050/- per month (2207.36sqft x 34 sqft)	NAFED	Recommended for approval.
4.	Tiger Conservation Plan of Nawegaon-Nagzira Tiger Reserve, Maharashtra	Nil	Government of Maharashtra	Recommended for approval subject to the condition that no felling shall be carried out in core/critical tiger habitat.
5.	Shifting/Translocation of a tigress T-124 in Sariska Tiger Reserve, Rajasthan.	Nil	Government of Rajasthan	Recommended for approval.
6.	Notification of Malai Mahadeshwara Hills Tiger Reserve, Karnataka	Nil	Government of Karnataka	Recommended for approval.

CHAPTER IV: Committees constituted by NTCA

Under section 38O(a) and (g) the NTCA has been given the powers to evaluate and assess various aspects of sustainable ecology and disallow any ecologically sustainable land use such as, mining, industry and other projects within the tiger reserves.

Further, NTCA is to ensure that tiger reserves and areas linking one protected area or tiger reserve with another protected area or tiger reserve are not diverted for ecologically unsustainable uses, except in public interest with the approval of the National Board for Wildlife and on the advice of Tiger Conservation Authority.

Accordingly, the NTCA has constituted the following committees during 2020-21 for causing site appraisal and evaluation of the developmental projects vis-a-vis tiger distribution / dispersal / corridors and for suggesting mitigatory measures against the adverse impact, if any.

1. Proposal No. FP/MP/ROAD/5182/2020 for up-gradation of road from Harsa Mod (NH-75) to Salaiya to provide connectivity to villagers of Madla, Nehri, Salaiya, etc passing through Panna Tiger Reserve, Madhya Pradesh

Shri Hemant Kamdi, AIGF, NTCA, Regional office, Nagpur was nominated to cause site appraisal in respect of feasibility of alternate alignments to avoid / minimize core area of Panna Tiger Reserve, Madhya Pradesh.

2. Constitution of committee for assessing the management practices at Mukundra Hills Tiger Reserve vis-a-vis tiger movement ecology

A committee comprising of the following members was constituted to inquire into the management of the Mukundra Hills Tiger Reserve, Rajasthan.

- i. N.K. Vasu, Former HoFF and Chief Wildlife Warden, Assam: Member
- ii. Dr. Rajiv Srivastava, Former PCCF, Tamil Nadu: Member
- iii. Nominee of the Wildlife Institute of India, Dehradun: Member
- iv. Nominee of the Wildlife Crime Control Bureau: Member
- v. Nominee of the World Wide Fund for Nature: Member
- vi. Rajendra G. Garawad, AIGF, NTCA : Convener

The terms of reference of the committee as follows: *To assess management practices at the Mukundra Hills Tiger Reserve vis-a-vis tiger movement ecology in the said landscape and suggest a way forward for managing tigers in this flux using state of the art protocols besides other interventions”.*

3. Constitution of committee for updation of guidelines of ongoing Centrally Sponsored Scheme – Project Tiger and guidelines for preparation of Tiger Conservation Plan (TCP).

Consequent to approval of the competent authority, a committee comprising of following members is constituted for updation of guidelines of ongoing Centrally Sponsored Scheme – Project Tiger and guidelines for preparation of Tiger Conservation Plan (TCP).

- i. Dr. Rajesh Gopal, Secretary General, Global Tiger Forum, New Delhi – Chairman
- ii. Shri N. H. Kakodkar, PCCF (Wildlife), Maharashtra – Member
- iii. Shri Surendra Kumar, PCCF (Wildlife), & CWLW, Kerala – Member
- iv. Shri Srinivas R. Reddy, APCCF cum Managing Director of TANTEA, Coonoor, Ooty – Member
- v. Shri Sanjay Pathak, Field Director, Dudhwa Tiger Reserve – Member
- vi. Shri P. Sivakumar, Field Director, Kaziranga Tiger Reserve – Member
- vii. Nominee of Director, Wildlife Institute of India – Member
- viii. Dr. Vaibhav C. Mathur, AIGF-Convener / Member Secretary

The terms of reference of the committee will be as follows:

- a) Updation of guidelines of ongoing Centrally Sponsored Scheme – Project Tiger
- b) Updation of guidelines for preparation of Tiger Conservation Plan (TCP)
- c) Any other guideline / ancillary issue having overarching implications for tiger Conservation.

4. Standard Operation Procedure for “Reintroduction of tigers in suitable habitats in the wild”

A committee comprising the following members is hereby constituted with approval of the competent authority:

- (a) Dr. Rajesh Gopal - Member
- (b) R. N. Mehrotra - Member
- (c) P.R. Sinha - Member
- (d) R. Sreenivasa Murthy - Member
- (e) Dr. A. K. Nayak - Member
- (f) Chief Wildlife Warden, Madhya Pradesh - Member
- (g) Chief Wildlife Warden, Rajasthan - Member
- (h) Nominee of Director Wildlife Institute of India - Member
- (i) Dr. Vaibhav C. Mathur - Member convener

Terms of reference for the aforesaid committee:

- Formulate a Standard Operating Procedure for “Reintroduction of tigers in suitable habitats in the wild” vis-a-vis Protocol for Tiger Reintroduction issued by the NTCA besides other SOPs and advisories issued by the Authority on the subject.
- The Committee will submit its report within 60 days from the date of issue of the O.M.

CHAPTER V : Administrative Matters

There are 12 regular / 34 contractual administrative personnel in the establishment of the National Tiger Conservation Authority to assist the Member Secretary in discharging his duties. The position in respect to the office establishment of the National Tiger Conservation Authority and the names of the positions (2020-21), are as follows:

Details of NTCA officials and staff (permanent basis) at NTCA Headquarter

Sl. No.	Name of the Post	Name of the incumbent	Pay Level/Salary (Rs.)
Headquarter			
1.	Member Secretary	Dr. S. P. Yadav	Level-16 (205400-224400)
2.	Inspector General of Forests (NTCA-HQ)	Dr. Amit Mallick	Level-14 (144200-218200)
3.	Deputy Inspector General (NTCA-HQ)	Shri Surender Mehra	Level-14 (144200-218200)
4.	Deputy Inspector General (NTCA-HQ)	Shri Rajendra G Garawad	Level-14 (144200-218200)
5.	Assistant Inspector General (NTCA-HQ)	Dr. Vaibhav C. Mathur	Level-13 (123100-215900)
6.	Assistant Inspector General (NTCA-HQ)	Vacant	
7.	Assistant Inspector General (NTCA-HQ)	Vacant	
8.	Deputy Director (Finance) (NTCA-HQ)	Shri Gopal Prasad Agrawal	Level-11 (56100-177500)
9.	PS	Vacant	
10.	Section Officer	Vacant	
11.	Assistant	Shri Chandra Bhallow Nethani	Level-7 (44900-142400)
12.	Staff Car Driver	Vacant	
13.	MTS	Shri Madan Singh	Level-4 (25500-81100)
14.	MTS	Shri Suresh Pandit	Level-4 (25500-81100)

Details of NTCA officials (permanent basis) at NTCA Regional offices

Sl. No.	Name of the Post	Name of the incumbent	Pay Band/Salary (Rs.)
	<u>Regional Office (Guwahati)</u>		
15.	Inspector General of Forests (NTCA) Regional Office, Guwahati	Shr. W. Longwah	Level-14 (144200-218200)
16.	Assistant Inspector General (NTCA) Regional Office, Guwahati	Vacant	
	<u>Regional Office (Nagpur)</u>		
17.	Inspector General of Forests (NTCA) Regional Office, Nagpur	Vacant	
18.	Assistant Inspector General (NTCA) Regional Office, Nagpur	Shri Hemant Kamdi Bhashkar	Level-12 (78800-209200)
	<u>Regional Office (Bangalore)</u>		
19.	Inspector General of Forests (NTCA) Bangalore	Shri N.S. Murali	Level-14 (144200-218200)
20.	Assistant Inspector General (NTCA) Regional Office, Bangalore	Vacant	

Details of NTCA staff (outsourced basis) – Headquarter

SI No	Post	Incumbent Name	Salary
NTCA Headquarter, New Delhi			
1	Accountant	Ashish Harbola	Rs. 30300/-
2	Data Analyst	Kundan Kumar	Rs. 35400/-
3	Data Entry Operator	Sheetal Bisht	Rs. 35005/-
4	Data Entry Operator	Swati Kashyap	Rs. 20790/-
5	Data Entry Assistant	Khushi Ram	Rs. 21215/-
6	Data Entry Assistant	Dheerendra Kumar Pandey	Rs. 19385/-
7	Data Entry Assistant	Arti	Rs. 19572/-
8	Data Entry Assistant	Rahul Bhandari	Rs. 19572/-
9	Data Entry Assistant	Monika	Rs. 19572/-
10	Data Entry Assistant	Ankit Kumar	Rs. 19572/-
11	Data Entry Assistant	Alisha	Rs. 17991/-
12	Office Assistant	Laxman Singh	Rs. 30143/-
13	Office Assistant	Mukesh Kumar	Rs. 30143/-
14	Dispatcher	Radha	Rs. 30143/-
15	Driver	Md. Akbar	Rs. 22977/-
16	Driver	Siya Ram	Rs. 20986/-
17	Messenger	Shiv Singh	Rs. 21720/-
18	Office Boy	Deepak Singh	Rs. 17688/-
19	MTS	Rajinder	Rs. 17688/-
20	Safai karamchari	Rahul	Rs. 15050/-
21	Section Officer	Swapan Banerjee	Rs 37700/-
NTCA, Regional office, Guwahati			
22	Wildlife Biologist	Agatha C Momin	Rs. 29400/-
23	Accountant,	Doordarshni	Rs. 24751/-
24	Data Entry Assistant	Jitumani Mahanta,	Rs. 18462/-
25	Peon	Amar Dorjee,	Rs. 15050/-
26	Chowkidar	Michael Kumar Rabha	Rs. 15050/-
NTCA, Regional office, Nagpur			
27	Data Entry Assistant	Krunal Ramesh	Rs. 18462/-
28	Peon	Yogesh G. Sakarde,	Rs. 15050/-
29	Security Guard	Rahul Khadase	Rs. 15050/-
30	Security Guard	Dheeraj Shrawan Raut	Rs. 15050/-
NTCA, Regional office, Bengaluru			
31	Data Entry Assistant	Radha	Rs. 18462/-
32	Security Guard	Dhanjyoti Deka	Rs. 15050/-
33	Peon	Anil Deka	Rs. 15050/-
34	Peon	Sunil Bordoloi	Rs. 15050/-

Milestone Initiatives for tiger conservation

The following milestone initiatives have been undertaken by Government of India through National Tiger Conservation Authority for conservation and protection of tiger and other wild animals.

Legal steps

1. Amendment of the Wild Life (Protection) Act, 1972 in 2006 to provide enabling provisions for constituting the National Tiger Conservation Authority under section 38 IV B and the Tiger and Other Endangered Species Crime Control Bureau under section 38 IV C.
2. Enhancement of punishment for offence in relation to the core area of a tiger reserve or where the offence relates to hunting in the tiger reserves or altering the boundaries of tiger reserves, etc.
3. Comprehensive guidelines under section 38O 1 (c) of the Wildlife (Protection) Act, 1972 issued for Project Tiger and Tourism in Tiger Reserves on 15th October, 2012.

Administrative steps

1. Constitution of the National Tiger Conservation Authority (NTCA) with effect from the 4th September, 2006, for strengthening tiger conservation by, inter alia, ensuring normative standards in tiger reserve management, preparation of reserve specific tiger conservation plan, laying down annual audit report before Parliament, constituting State level Steering Committees under the Chairmanship of Chief Ministers and establishment of Tiger Conservation Foundation.
2. Constitution of a multidisciplinary Tiger and Other Endangered Species Crime Control Bureau (Wildlife Crime Control Bureau) with effect from the 6th June, 2007 to effectively control illegal trade in wildlife.
3. Strengthening of antipoaching activities, including special strategy for monsoon patrolling, by providing funding support to tiger reserve States, as proposed by them, for deployment of antipoaching squads involving ex-army personnel or home guards, apart from workforce comprising of local people, in addition to strengthening of communication and wireless facilities.
4. In-principle approval has been accorded by the National Tiger Conservation Authority for creation of new tiger reserves, and the sites are: Sunabeda (Odisha) and Guru Ghasidas (Chhattisgarh). The State Governments have been advised to send proposals for declaring the following areas as tiger reserves: (i) Mhadei Wildlife Sanctuary (Goa), (ii) Srivilliputhur Grizzled Giant Squirrel / Megamalai Wildlife Sanctuaries / Varushanadu Valley (Tamil Nadu), (iii) Dibang Wildlife Sanctuary (Arunachal Pradesh), (iv) Cauveri-MM Hills Wildlife Sanctuary (Karnataka) and (v) Nandhaur Wildlife Sanctuary (Uttarakhand).

5. Rajaji National Park (Uttarakhand), Orang National Park (Assam) & Kamlang Wildlife Sanctuary (Arunachal Pradesh) have been notified as 48th, 49th & 50th Tiger Reserves.
6. The revised Project Tiger guidelines have been issued to State Governments for strengthening tiger conservation, which apart from ongoing activities, inter alia, include financial support to States for enhanced village relocation or rehabilitation package for people living in core or critical tiger habitats (from Rs. 1 lakh per family to Rs. 10 lakhs per family), rehabilitation or resettlement of communities involved in traditional hunting, mainstreaming livelihood and wildlife concerns in forests outside tiger reserves and fostering corridor conservation through restorative strategy to arrest habitat fragmentation.
7. A scientific methodology for estimating tiger (including co-predators, prey animals and assessment of habitat status) has been evolved and mainstreamed. The findings of this estimation and assessment are bench marks for future tiger conservation strategy.
8. The 18 tiger States have notified the core/critical tiger habitat (40145.30 sq. km.), and the buffer/peripheral area (32603.72 sq.km.) of all the 50 tiger reserves in the country, under section 38V of the Wild Life (Protection) Act, 1972, as amended in 2006.
9. Regional Offices of the National Tiger Conservation Authority are operational at Nagpur, Bengaluru and Guwahati headed by an Inspector General of Forests.

Financial steps

1. Financial and technical help is provided to the State Governments under various Centrally Sponsored Schemes, such as “Project Tiger” and “Integrated Development of Wildlife Habitats” for enhancing the capacity and infrastructure of the State Governments for providing effective protection to wild animals.

International Cooperation

1. India has a bilateral understanding with Nepal on controlling trans-boundary illegal trade in wildlife and conservation, apart from a protocol on tiger conservation with China.
2. A protocol has been signed in September, 2011 with Bangladesh for conservation of the Royal Bengal Tiger of the Sunderban.

3. A sub-group on tiger and leopard conservation has been constituted for cooperation with the Russian Federation. Indo-Russia bilateral took place in September 2018 at Moscow, wherein a tripartite MOU between the National Tiger Conservation Authority, Wildlife Institute of India and A.N. Severstov Institute of Ecology & Evaluation was agreed upon and signed on 4.12.2018.
4. India is the founder member of the Global Tiger Forum of Tiger Range Countries for addressing international issues related to tiger conservation.
5. During the 14th meeting of the Conference of Parties to CITES, which was held from 3rd to 15th June, 2007 at The Hague, India introduced a resolution along with China, Nepal and the Russian Federation, with direction to Parties with operations breeding tigers on a commercial scale, for restricting such captive populations to a level supportive only to conserving wild tigers. The resolution was adopted as a decision with minor amendments. Further, India made an intervention appealing to China to phase out tiger farming and eliminate stockpiles of Asian big cats body parts and derivatives. The importance of continuing the ban on trade of body parts of tigers was emphasized.
6. Based on India's strong intervention during the 62nd meeting of the Standing Committee of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) at Geneva from 23-27 July, 2012, the Convention on International Trade in Endangered Species of Wild Fauna and Flora Secretariat has issued a notification No. 2012/054 dated the 3rd September, 2012 to Parties to fully implement Decision 14.69 and report to the Secretariat by 25 September, 2012 (Progress made on restricting captive breeding operations of tigers etc.).
7. During the 18th CoP held at Geneva in August 2019, based on an intervention from India, a slew of decisions were adopted to intervene in territories which had facilities for keeping big cats as a reinforcement of decision 14.69.
8. An Memorandum of Understanding between the Government of the Republic of India and the Government of the Republic of the Union of Myanmar for Cooperation on Combating Timber Trafficking, and Conservation of Tigers and other Wildlife has been signed on 27th February, 2020.
9. The 3rd Asia Ministerial Conference (3 AMC) was organized in New Delhi from 12-14 April 2016. Inspired by the statement of Prime Minister of India, Narendra Modi, during this conference that "conservation of tigers is not a choice, it is an imperative", to achieve the concrete results of ensuring the conservation of tigers in the wild and their habitats by 2022, the representatives of the Governments of the Tiger Range Countries resolved to:
 - **Accelerate implementation** of the Global Tiger Recovery Programme (GTRP)/National Tiger Recovery Programme (NTRP) and agreed actions from the above-mentioned declarations, review and update priority and differentiated action plans, and track progress through mutual and systematic reporting and evaluation.

- **Align development and tiger conservation** in a mutually complementary manner by re-orienting development strategies to mainstream the concerns of tiger conservation, such as by integrating tiger and wildlife safeguards in infrastructure at the landscape level, developing partnerships with business groups, and strong engagement with local stakeholders.
- **Leverage funding and technical support** from international organisations, bilateral and multilateral financial institutions, foundations, civil society organisations, private sector, and climate funds, in addition to TRC governments.
- Recognise and enhance the importance of tiger habitats by promoting them as **providing ecosystem services, as engines of economic growth and helping to address climate change**.
- **Emphasize recovery of tiger populations in areas with low tiger densities** and restoration in areas from which they have been extirpated by using successful programs of tiger reintroduction and rehabilitation of their habitats and prey.
- **Strengthen co-operation at the highest levels of government** to combat wildlife crime, address the demand for tiger products, and increase formal and informal transboundary coordination.
- **Enhance knowledge sharing and capacity development for all stakeholders and increase the use of technology**, including smart tools, monitoring protocols, and information systems, to improve management effectiveness.

OTHER MISCELLANEOUS STEPS

1. **Creation of Special Tiger Protection Force (STPF)**:-The Special Tiger Protection Force (STPF) has been made operational in the States of Karnataka (Bandipur), Maharashtra (Pench, Tadoba-Andhari, Nawegaon-Nagzira, Melghat), Rajasthan (Ranthambhore) and Odisha (Similipal), out of 13 initially selected tiger reserves, with 60% central assistance under the ongoing Centrally Sponsored Scheme of Project Tiger, Kaziranga (Assam) with 90% central assistance.
2. In collaboration with TRAFFIC-INDIA, an **online tiger mortality data base** is operational and Generic Guidelines for preparation of reserve specific Security Plan have been prepared which form a basis for antipoaching strategies in the overarching Tiger Conservation Plan.
3. Implementing a tripartite Memorandum of Understanding (MOU) with tiger States, linked to fund flows for effective implementation of tiger conservation initiatives.

4. Steps taken for modernizing the infrastructure and field protection, besides launching 'Monitoring system for Tigers' Intensive Protection and Ecological Status (M-STriPES) for effective field patrolling and monitoring. The M-STriPES application has been made android based with three distinct modules, viz. patrol, ecological and conflict.
5. Initiatives taken for improving the field delivery through capacity building of field officials, apart from providing incentives.
6. As a part of active management to rebuild Sariska and Panna Tiger Reserves where tigers have become locally extinct, reintroduction of tigers and tigresses have been done. The successful reintroduction of wild tigers in Panna is a unique exercise and one of a kind in the world. The reintroduced tigresses are breeding.
7. **All India Tiger, Co-predators and Prey Estimation, 2018:-** The fourth round of country level tiger status assessment completed in 2018, with findings indicating an increase with a tiger population estimate of 2967 (lower and upper limits being 2603 and 3346 respectively), as compared to the last country level estimation of 2014, with an estimate of 2226 (lower and upper limits being 1945-2491 tigers), 2010 estimation with an estimation of 1706 (lower and upper limits being 1507-1896) and 2006 estimation, with an estimate of 1411 (lower and upper limits being 1165 and 1657). At present, India has around 75% of tiger population and its source areas amongst the 13 tiger range countries in the world, owing to its long history of conserving the species through Project Tiger (2.21% of country's geographical area spread out in 50 tiger reserves in 18 States).
8. **Management Effectiveness Evaluation (MEE):** A report on Management Effectiveness Evaluation (MEE) of Tiger Reserves was released in July, 2019, containing the fourth round of independent assessment based on refined criteria done in 2018 for 50 tiger reserves. Out of 50 tiger reserves, 21 were rated as 'very good', 17 as 'good' and 12 as 'fair'.
9. Providing special assistance for mitigation of human-tiger conflicts in problematic areas.
10. **Standard Operating Procedures (SOPs):** A 'Standard Operating Procedure' for dealing with tiger deaths has been issued, based on advisories of Project Tiger / National Tiger Conservation Authority, with inputs from Wildlife Crime Control Bureau, State officials and experts, fine tuned to meet the present challenges.
 - A 'Standard Operating Procedure' for dealing with straying tigers in human dominated landscape has been issued.
 - A 'Standard Operating Procedure' for disposing tiger/leopard carcass/body parts has been issued.

- A Standard Operating Procedure has been issued to deal with orphaned / abandoned tiger cubs and old / injured tigers in the wild.
 - A 'Standard Operating Procedure' has been issued to deal with tiger depredation on livestock.
 - A 'Standard Operating Procedure' for Interstate Co-ordination amongst tiger reserves that share boundary was issued by the NTCA.
 - A 'Standard Operating Procedure' has been issued for active management towards rehabilitation of tigers from source areas at landscape level.
11. Phase-IV tiger reserve level, continuous monitoring of tigers using camera traps and building up data on photo captures of individual tigers, has been institutionalized.
 12. A national repository of camera trap photo IDs of individual tigers has been created.
 13. Field level workshops for capacity building of field officers to deal with straying tigers.
 14. On completion of pilot e-surveillance project in Corbett Tiger Reserve (Uttarakhand), central assistance (100%) has been provided for installing 24X7 e-surveillance at Kaziranga Tiger Reserve (Assam) and fringes of Ratapani Wildlife Sanctuary (Madhya Pradesh).
 15. **Economic Valuation of sixteen tiger reserves** done in collaboration with the Indian Institute of Forest Management to assess value of the ecosystem services they provide and their potential role in climate change mitigation.
 16. Trial of Unmanned Aerial Vehicle for monitoring done in the Panna Tiger Reserve (Madhya Pradesh), in collaboration with the Wildlife Institute of India and now getting extended to 13 other tiger reserves too. Frontline staff has been capacity built and first set of equipment handed over at the Panna Tiger Reserve.
 17. Assessment of Status, Density and Change in Forest Cover in and around tiger reserves of the Shivalik Gangetic Plain Landscape done in collaboration with the Forest Survey of India.
 18. A joint report of Bangladesh has been brought out on the assessment of tiger status in the Sundarbans.
 19. National Tiger Conservation Authority and Wildlife Crime Control Bureau have established an online tiger / wildlife crime tracking / reporting system in tiger reserves.

20. Based on International standards, security audit framework of the NTCA has been validated for implementing across all tiger reserves. 25 tiger reserves have been assessed for their security protocols through this framework.
21. To assess status of tiger bearing areas outside tiger reserves, the CA|TS (Conservation Assured | Tiger Standards) framework is being used, which helps identify inadequacies in management interventions in such areas so that gaps can be addressed through appropriate strategies. 2 of the 4 global sites accredited with CA|TS certification are in India, namely the Ramnagar and Lansdowne Forests Divisions in Uttarakhand.
22. Initiative has been taken to come out with a sub-continental level tiger estimation report along with Nepal, Bhutan and Bangladesh.
23. To assess occupancy of tigers in high altitude landscapes, a collaborative project with the Global Tiger Forum has been initiated

Security Audit of the tiger reserves

As per Wildlife (Protection) Act, 1972 (amended 2006), each Tiger Reserve in India is required to prepare a Tiger Conservation Plan of which “Protection” consists of a key component. The NTCA has also issued generic guidelines for reserve specific Security Plans (SPs), which forms part of the TCPs. The Security Plan protocols of the NTCA are based on protocol validation process carried out by Global Tiger Forum team over two tiger reserves viz. Kanha in Madhya Pradesh and Satkosia Tiger Reserve in Odisha.

Security audit is basically an exercise to assess the readiness of a field formation (tiger reserve) to address the various threats. The work for security audit was initiated in the previous financial year (2018-19) and the process followed was as follows:

1. Constitution and training of teams for security audit of tiger reserves.
2. Nomination of the security audit nodal point for tiger reserves by field directors, security audit team works with nodal point on security audit plan.
3. Consultation workshop in the tiger reserve involving maximum possible number of staff. The expected participants are Field Director, Divisional Forest Officer / Deputy Director, Assistant Conservator of Forest / Range officers, Deputy Range Officers, and Forest Guards.
4. Verification of (at least 50%) anti-poaching camps / range officers / check posts. The field audit of the tiger reserve will take 2-5 days followed by verification of supporting records.
5. Collation / finalization of the security audit of the tiger reserve.

Following the aforementioned process, the security audit of the following tiger reserves has been completed.

- I. Kaziranga Tiger Reserve
- II. Manas Tiger Reserve
- III. Orang Tiger Reserve
- IV. Valmiki Tiger Reserve
- V. Bandipur Tiger Reserve
- VI. Biligiri Ranganatha Temple Tiger Reserve
- VII. Bandhavgarh Tiger Reserve
- VIII. Panna Tiger Reserve
- IX. Pench Tiger Reserve
- X. Sanjay-Dubri Tiger Reserve
- XI. Satpura Tiger Reserve
- XII. Melghat Tiger Reserve
- XIII. Navegaon-Nagzira Tiger Reserve
- XIV. Pench Tiger Reserve
- XV. Tadoba-Andhari Tiger Reserve
- XVI. Similipal Tiger Reserve
- XVII. Mukundara Hills Tiger Reserve
- XVIII. Ranthambore Tiger Reserve
- XIX. Sariska Tiger Reserve
- XX. Sathyamangalam Tiger Reserve
- XXI. Corbett Tiger Reserve
- XXII. Rajaji Tiger Reserve
- XXIII. Dudhwa Tiger Reserve
- XXIV. Pilibhit Tiger Reserve
- XXV. Sundarbans Tiger Reserve

Other Important Events held during the year:

During the financial year 2020-21 the following events were organized by the National Tiger Conservation Authority.

S. No.	Activity	Venue & Date
1	Celebration of Global Tiger Day and release of final report of All India Tiger Estimation -2018 by Hon'ble Minister and Hon'ble MoS, MoEF&CC	MoEF&CC, July 28 th , 2020
2	Observed Forest Martyrs Day	IPB, New Delhi, 11 th September, 2020
3	18 th meeting of the National Tiger Conservation Authority was held at New Delhi.	IPB, New Delhi, 7 th December, 2020
4	Release of report "Status of Leopard in India 2018" by Hon'ble Minister, MOEF&CC	IPB, New Delhi, 21 st December, 2020.

5	Release of Standard Operating Procedure (SOP) on dealing with stray / feral dogs in Tiger Reserve by Hon'ble Minister of State, MoEF&CC	December, 2020
6	A two day review meeting of CWLWs of Tiger Range States and Field Directors of Tiger Reserves of Northern zone	Dudhwa Tiger Reserve, 27 th & 28 th January, 2021
7	A two day review meeting of CWLWs of Tiger Range States and Field Directors of Tiger Reserves of Central zone	Nagpur, 17 th and 18 th February, 2021
8	A two day review meeting of CWLWs of southern zone Tiger Range States and Field Directors of Tiger Reserves of Southern zone	Ooty, February 24 th & 25 th , 2021
9	A two day review meeting of CWLWs of Tiger Range States and Field Directors of Tiger Reserves of Eastern zone	Kaziranga Tiger Reserve, 1 st and 2 nd March, 2021
10	Interstate co-ordination meeting held with Karnataka, Kerala and Tamil Nadu	Bandipur Tiger Reserve, March 19, 2021

Budget allocation during the last three years:

The budget allocation of the NTCA for the period 2018 to 2021 is given below. Compared to the financial year 2019-20 there has been a reduction in the budget to the tune of Rs 8917 lakhs for the year 2020-21.

(Rs. In Lakh)

Head	2018-19	2019-20	2020-21
NTCA	1000.00	900.00	740.00
CSS (PT)	35000.00	28257.00	19500.00
Total	36000.00	29157.00	20240.00

CHAPTER VI: Finance and Accounts of NTCA for FY 2020-21

NTCA receives funding support from the Ministry of Environment, Forest & Climate Change, Government of India, in the form of grants-in-aid. The details of receipts and payments made by NTCA during the financial year 2020-21 are given below:

Sl. No.	Receipts	Amount (in Rs)	Payment	Amount (in Rs)
1.	Imprest :	1,75,000.00	Expenses	7,36,32,067.00
2.	Bank Balance: (i) Deposit A/c (ii) Saving Bank A/c	- 1,00,13,032.10	Funds for projects and training workshops And conferences	33,90,273.00
3.	Interest Received	2,30,234.00	Expenditure on fixed assets	37,35,416.00
4.	Recovery of Advance	30,69,396.00	Finance Charges: Interest deposited	23,50,037.00
5.	Security Deposit	-	Advance recoverable	27,43,386.00
6.	Grants-in-aid to NTCA	7,40,00,000.00	Imprest	1,75,000.00
7.	Sale proceeds Assets (less: Deposited to Government Account)	18,475.00 (-) 18,475.00	Bank Balance:- Deposit Account	-
8.	Misc. Receipts	-	Bank Balance:- Saving Account	14,61,483.10
9.	--	-	Refund of surplus money to the Government of India	-
	TOTAL	8,74,87,662.10	TOTAL	8,74,87,662.10

CHAPTER VII: Annual Plan of National Tiger Conservation Authority

1. Based on the Tiger Task Force recommendations constituted by the National Board for Wildlife chaired by the Prime Minister, the Wildlife (Protection) Act, 1972 has been amended in 2006, to provide a separate chapter (Chapter IVB) for constituting the National Tiger Conservation Authority. The said Authority has been constituted with effect from 4th September, 2006.
2. The functions of NTCA are provided under section 38O of the Wildlife (Protection) Act, 1972, as amended in 2006. The NTCA would address the ecological as well as administrative concerns for conserving tigers, by providing a statutory basis for protection of tiger reserves, apart from providing strengthened institutional mechanisms for the protection of ecologically sensitive areas and endangered species. The Authority would also ensure enforcing of guidelines for tiger conservation and monitoring compliance of the same, apart from placement of motivated and trained officers having good track record as Field Directors of tiger reserves. It would also facilitate capacity building of officers and staff posted in tiger reserves, apart from a time bound staff development plan.
3. During the financial year 2020-21, an amount of Rs. 740.00 lakhs has been provided to the NTCA as Grants-in-aid.
4. Consequent to amendment in Wildlife (Protection) Act, 1972 in the year 2006 which came into force with effect from 04.09.2006 and based on the enabling provisions under Section 38N of the said Act, the posts borne on the establishment strength of the MoEF and working in Project Tiger have been transferred to the NTCA.
5. Details of sanctioned posts at NTCA headquarter and Regional offices at Bengaluru, Guwahati and Nagpur are as under:

NTCA Headquarter

S. No.	Name of Post	No. of Posts
1.	Addl. Director General of Forests (Project Tiger) & Member Secretary (NTCA)	1
2.	Inspector General of Forests	1
3.	Deputy Inspector General of Forests	2
4.	Assistant Inspector General of Forests	4
5.	Deputy Director (Finance)	1
	TOTAL	9

NTCA Regional Offices (Nagpur, Guwahati and Bengaluru)

S. No.	Name of Post	No. of Posts
1.	Inspector General of Forests	3
2.	Assistant Inspector General of Forests	3
	TOTAL	6

6. Section 38Q of the Wildlife (Protection) Act, 1972, as amended in 2006, provides for constitution of a fund for the NTCA, to be called as the Tiger Conservation Authority Fund, for crediting grants / loans etc.
7. Section 63(giv) and (gv) provide for rule relating to Annual Statement of Accounts of the NTCA as well as submission of its Annual Report under Sections 38R and 38S of the said Wildlife (Protection) Act, 1972, respectively.
8. Proposals relating to contractual services / professional service with funding support from NTCA are approved by the Technical Committee of the NTCA. Director (IFD) is a member of the said Technical Committee. In case due to unavoidable circumstance, if the IFD is not represented in the meeting of the Technical Committee of the NTCA, the proposals get approved on the basis of majority decision, and the IFD is apprised of the outcome through the minutes of the meeting of the said Committee.
9. Accounts of the National Tiger Conservation Authority (NTCA) for the year 2020-21 have been compiled. The final audit of the accounts of the NTCA was conducted by the Principal Director of Audit, Scientific Department of CAG under Section 19(2) of C&AGs (Duties, powers and conditions of Service) Act, 1972 read with Section 38 E (5) & (6) of the Wildlife (Protection) Act, 1972.

Copy of the Accounts for the year 2020-21 containing receipt and payments accounts, income and expenditure accounts and balance sheet as on 31st March, 2021 with schedule is placed as **Annexure – (v) to (vii) and Schedule 1 to 25**. Audit report submitted by Principal Director of Audit, Scientific Department of CAG is also placed.

CHAPTER VIII: Compliance Issues

Status of Tiger Conservation Plans (as on 31.03.2021)

Under section 38O of the Wildlife (Protection) Act, the NTCA is authorized to accord approval to Tiger Conservation Plans prepared by the States. The details of Tiger Conservation Plans (TCPs) received from the States are as below:

Total No. of Tiger Reserves	51
Tiger Conservation Plans approved	38*
Final draft Tiger Conservation Plans received and under review	6
Final draft Tiger Conservation Plans not received	3
Final draft required after incorporating comments	4

Details of TCPs under review and pending

S. No.	Under Review	Not received	Final draft required after incorporating comments
1	Kamlang	Bandhavgarh	Indravati
2	Kaziranga	Ranthambore	Nawegaon-Nagzira
3	Orang	Srivilliputhur Megamalai	Bor
4	Panna		Pilibhit
5	Mukundra Hills		
6	Rajaji		

List of TCPs approved so far

The Tiger Conservation Plan (TCP) of following tiger reserves have been approved by the NTCA.

S. No.	Name of Tiger Reserve	State
1	Achanakmar	Chattisgarh
2	Amrabad	Telangana
3	Anamalai	Tamil Nadu
4	Bandipur	Karnataka
5	Bhadra	Karnataka
6	Biligiri Ranganatha Temple	Karnataka
7	Buxa	West Bengal
8	Corbett	Uttarakhand
9	Dampa	Mizoram
10	Dandeli-Anshi	Karnataka
11	Dudhwa	Uttar Pradesh
12	Kalakad-Mundanthurai	Tamil Nadu
13	Kanha	Madhya Pradesh
14	Kawal	Telangana
15	Manas	Assam
16	Melghat	Maharashtra
17	Mudumalai	Tamil Nadu
18	Nagarahole	Karnataka
19	Nagarjunsagar Srisaillam	Andhra Pradesh
20	Namdapha	Arunachal Pradesh
21	Nameri	Assam
22	Pakke	Arunachal Pradesh
23	Palamau	Jharkhand
24	Parambikulam	Kerala
25	Pench	Madhya Pradesh
26	Pench	Maharashtra
27	Periyar	Kerala
28	Sahyadri	Maharashtra
29	Sanjay-Dubri	Madhya Pradesh
30	Sariska	Rajasthan
31	Sathyamangalam	Tamil Nadu
32	Satkosia	Odisha
33	Satpura	Madhya Pradesh
34	Similipal	Odisha
35	Sunderbans	West Bengal
36	Tadoba-Andhari	Maharashtra
37	Udanti-Sitanadi	Chattisgarh
38	Valmiki	Bihar

Steering Committee (as on 31.3.2021):

Under section 38U of the Wildlife (Protection) Act, States are required to constitute a State level Steering Committee headed by the Chief Minister. The details are as below:

Sl. No.	Tiger Reserve/State	Steering Committee
1.	Andhra Pradesh	Constituted
2.	Chhattisgarh	Constituted
3.	Mizoram	Constituted
4.	Karnataka	Constituted
5.	Madhya Pradesh	Constituted
6.	Maharashtra	Constituted
7.	Uttar Pradesh	Constituted
8.	Tamil Nadu	Constituted
9.	Odisha	Constituted
10.	Kerala	Constituted
11.	Rajasthan	Constituted
12.	West Bengal	Constituted
13.	Bihar	Constituted
14.	Assam	Constituted
15.	Arunachal Pradesh	Constituted
16.	Uttarakhand	Constituted
17.	Jharkhand	Constituted
18.	Telangana	Constituted

The correspondences have been made from this Authority to the States for ensuring its meetings regularly.

Tiger Conservation Foundation (as on 31.3.2021):

Under section 38X of the Wildlife (Protection) Act, 1972, the States are required to constitute Tiger Conservation Foundations (TCF) for tiger reserves to facilitate and support their management. The list of tiger reserve which have constituted the TCF is given below:

S.No.	Tiger Reserve	State
1	Achanakmar Tiger Reserve	Chhattisgarh
2	Amrabad Tiger Reserve	Telangana
3	Anamalai Tiger Reserve	Tamil Nadu
4	Bandhavgarh Tiger Reserve	M.P.
5	Bandipur Tiger Reserve	Karnataka
6	Bhadra Tiger Reserve	Karnataka
7	BRT Tiger Reserve	Karnataka
8	Bore Tiger Reserve	Maharashtra
9	Buxa Tiger Reserve	West Bengal
10	Corbett Tiger Reserve	Uttarakhand
11	Dampa Tiger Reserve	Mizoram
12	Dudhwa Tiger Reserve	Uttar Pradesh

13	Indravati Tiger Reserve	Chattisgarh
14	Kali(Dandeli Anshi) Tiger Reserve	Karnataka
15	Kanha Tiger Reserve	M.P.
16	Kawal Tiger Reserve	Telangana
17	Kaziranga Tiger Reserve	Assam
18	KMTR Tiger Reserve	Tamil Nadu
19	Madumalai Tiger Reserve	Tamil Nadu
20	Manas Tiger Reserve	Assam
21	Maukundra Tiger Reserve	Rajasthan
22	Melghat Tiger Reserve	Maharashtra
23	Nagarhole Tiger Reserve	Karnataka
24	Nagarjunsagar Tiger Reserve	Andhra Pradesh
25	Namdapha Tiger Reserve	Arunachal Pradesh
26	Nameri Tiger Reserve	Assam
27	Nawegaon-Nagzira Tiger Reserve	Maharashtra
28	Orang Tiger Reserve	Assam
29	Pakke Tiger Reserve	Arunachal Pradesh
30	Palamau Tiger Reserve	Jharkhand
31	Panna Tiger Reserve	M.P.
32	Parambikulam Tiger Reserve	Kerala
33	Pench Tiger Reserve	M.P.
34	Pench Tiger Reserve	Maharashtra
35	Periyar Tiger Reserve	Kerala
36	Ranthambore Tiger Reserve	Rajasthan
37	Sahyadri Tiger Reserve	Maharashtra
38	Sanjay Dubri Tiger Reserve	M. P.
39	Sariska Tiger Reserve	Rajasthan
40	Sathyamangalam Tiger Reserve	Tamil Nadu
41	Satkosia Tiger Reserve	Odisha
42	Satpura Tiger Reserve	M. P.
43	Simlipal Tiger Reserve	Odisha
44	Sunderban Tiger Reserve	West Bengal
45	Tadoba- Andheri Tiger Reserve	Maharashtra
46	Udanti-Sitanadi Tiger Reserve	Chattisgarh
47	Valmiki Tiger Reserve	Bihar

Pending TCF :-

The TCF of following tiger reserves is yet to be constituted.

1. Pilibhit Tiger Reserve (Uttar Pradesh)
2. Rajaji Tiger Reserve (Uttarakhand)
3. Kamlang TR (Arunachal Pradesh)
4. Srivilliputhur Megamalai Tiger Reserve (Tamil Nadu)

Core and Buffer notification (as on 31.3.2021):

Under section 38V of the Wildlife (Protection) Act, 1972, the National Tiger Conservation Authority is vested with the power to recommend the notification of an area as a tiger reserve. The status of core and buffer notification by States are as under:

Sl. No.	Year of creation	Name of Tiger Reserve	State	Area of the core / critical tiger habitat (In Sq. Kms.)	Area of the buffer / peripheral (In Sq. Kms.)	Total area (In Sq.Kms.)
1	1973-74	Bandipur	Karnataka	872.24	584.06	1456.3
2	1973-74	Corbett	Uttarakhand	821.99	466.32	1288.31
		Amangarh (buffer of Corbett TR)	Uttar Pradesh	-	80.60	80.60
3	1973-74	Kanha	Madhya Pradesh	917.43	1134.361	2051.791
4	1973-74	Manas	Assam	526.22	2310.88	2837.10
5	1973-74	Melghat	Maharashtra	1500.49	1268.03	2768.52
6	1973-74	Palamau	Jharkhand	414.08	715.85	1129.93
7	1973-74	Ranthambore	Rajasthan	1113.364	297.9265	1411.291
8	1973-74	Similipal	Odisha	1194.75	1555.25	2750.00
9	1973-74	Sunderbans	West Bengal	1699.62	885.27	2584.89
10	1978-79	Periyar	Kerala	881.00	44.00	925.00
11	1978-79	Sariska	Rajasthan	881.1124	332.23	1213.342
12	1982-83	Buxa	West Bengal	390.5813	367.3225	757.9038
13	1982-83	Indravati	Chhattisgarh	1258.37	1540.70	2799.07
14	1982-83	Namdapha	Arunachal Pradesh	1807.82	245.00	2052.82
15	1987-88	Dudhwa	Uttar Pradesh	1093.79	1107.9848	2201.7748
16	1988-89	Kalakad-Mundanthurai	Tamil Nadu	895.00	706.542	1601.542
17	1989-90	Valmiki	Bihar	598.45	300.93	899.38
18	1992-93	Pench	Madhya Pradesh	411.33	768.30225	1179.63225
19	1993-94	Tadoba-Andhari	Maharashtra	625.82	1101.7711	1727.5911
20	1993-94	Bandhavgarh	Madhya Pradesh	716.903	820.03509	1536.938
21	1994-95	Panna	Madhya Pradesh	576.13	1021.97	1598.10
22	1994-95	Dampa	Mizoram	500.00	488.00	988.00
23	1998-99	Bhadra	Karnataka	492.46	571.83	1064.29
24	1998-99	Pench	Maharashtra	257.26	483.96	741.22
25	1999-2000	Pakke	Arunachal Pradesh	683.45	515.00	1198.45
26	1999-2000	Nameri	Assam	320.00	144.00	464.00
27	1999-2000	Satpura	Madhya Pradesh	1339.264	794.04397	2133.30797
28	2008-2009	Anamalai	Tamil Nadu	958.59	521.28	1479.87
29	2008-2009	Udanti-Sitanadi	Chattisgarh	851.09	991.45	1842.54
30	2008-2009	Satkosia	Odisha	523.61	440.26	963.87
31	2008-2009	Kaziranga	Assam	625.58	548.00	1173.58
32	2008-2009	Achanakmar	Chattisgarh	626.195	287.822	914.017
33	2008-2009	Dandeli-Anshi	Karnataka	814.884	282.63	1097.514
34	2008-2009	Sanjay-Dubri	Madhya Pradesh	812.571	861.931	1674.502
35	2008-2009	Mudumalai	Tamil Nadu	321.00	367.59	688.59

36	2008-2009	Nagarahole	Karnataka	643.35	562.41	1205.76
37	2008-2009	Parambikulam	Kerala	390.89	252.772	643.662
38	2009-2010	Sahyadri	Maharashtra	600.12	565.45	1165.57
39	2010-2011	Biligiri Ranganatha Temple	Karnataka	359.10	215.72	574.82
40	2012-2013	Kawal	Telangana	892.23	1123.212	2015.44
41	2013-2014	Sathyamangalam	Tamil Nadu	793.49	614.91	1408.40
42	2013-2014	Mukandra Hills	Rajasthan	417.17	342.82	759.99
43	2013-2014	Nawegaon-Nagzira	Maharashtra	653.674	1241.27	653.674
44	1982-83	Nagarjunsagar Srisailam	Andhra Pradesh	2595.72	700.59	3296.31
45	2014	Amrabad	Telangana	2166.37	445.02	2611.39
46	2014	Pilibhit	Uttar Pradesh	602.7980	127.4518	730.2498
47	2014	Bor	Maharashtra	138.12	678.15	816.27
48	2015	Rajaji	Uttarakhand	819.54	255.63	1075.17
49	2016 (24.2.2016)	Orang	Assam	79.28	413.18	492.46
50	2016 (8.9.2016)	Kamlang	Arunachal Pradesh	671.00	112.00	783.00
51	2021 (8.2.2021)	Srivilliputhur Megamalai	Tamil Nadu	641.86	374.71	1016.57
		TOTAL		40,787.16	32,978.43	73,765.59

Chapter IX – Annexures

Annexure-I List of Tiger Reserves in India

S.No.	Tiger Reserves	States
1	Nagarjunsagar	Andhra Pradesh
2	Namdhapa	Arunachal Pradesh
3	Pakke	Arunachal Pradesh
4	Kamlang	Arunachal Pradesh
5	Kaziranga	Assam
6	Manas	Assam
7	Nameri	Assam
8	Orang	Assam
9	Valmiki	Bihar
10	Achanakmar	Chhattisgarh
11	Indravati	Chhattisgarh
12	Udanti-Sitanadi	Chhattisgarh
13	Palamau	Jharkhand
14	Bandipur	Karnataka
15	Bhadra	Karnataka
16	Dandeli Anshi	Karnataka
17	Nagarhole	Karnataka
18	Biligiri Ranganth Temple	Karnataka
19	Periyar	Kerala
20	Parambi Kulam	Kerala
21	Bandhavgarh	Madhya Pradesh
22	Kanha	Madhya Pradesh
23	Panna	Madhya Pradesh
24	Pench	Madhya Pradesh

25	Sanjay Dubri	Madhya Pradesh
26	Satpura	Madhya Pradesh
27	Melghat	Maharashtra
28	Pench	Maharashtra
29	Tadoba-Andheri	Maharashtra
30	Sahyadri	Maharashtra
31	Nawegaon-Nagzira	Maharashtra
32	Bor	Maharashtra
33	Dampa	Mizoram
34	Satkosia	Odisha
35	Similipal	Odisha
36	Ranthambhore	Rajasthan
37	Sariska	Rajasthan
38	Mukandara	Rajasthan
39	Kalakad-Mundanthurai	Tamil Nadu
40	Mudumalai	Tamil Nadu
41	Anamalai	Tamil Nadu
42	Sathyamangalam	Tamil Nadu
43	Kawal	Telangana
44	Amrabad	Telangana
45	Rajaji	Uttarakhand
46	Corbett	Uttarakhand
47	Dudhwa	Uttar Pradesh
48	Pilibhit	Uttar Pradesh
49	Buxa	West Bengal
50	Sunderbans	West Bengal
51	Srivilliputhur Megamalai	Tamil Nadu

Annexure II – Tiger Mortality (Natural & Other Causes)

Inside Tiger Reserve

(From 01.04.2020 to 31.03.2021) as reported by States.

SI No	Date	Month	Year	State	Tiger Reserve/ Area
1	1	April	2020	Madhya Pradesh	Kanha Tiger Reserve
2	4	April	2020	Madhya Pradesh	Pench Tiger Reserve
3	8	April	2020	Tamil Nadu	Anamalai Tiger Reserve
4	8	April	2020	Tamil Nadu	Anamalai Tiger Reserve
5	9	April	2020	Madhya Pradesh	Bandhavgarh Tiger Reserve
6	11	April	2020	Madhya Pradesh	Kanha Tiger Reserve
7	13	April	2020	Tamil Nadu	Mudumalai Tiger Reserve
8	14	April	2020	Uttar Pradesh	Jaspur Mauja Beat, Amangarh Tiger Reserve, UP
9	16	April	2020	Assam	Kaziranga
10	17	April	2020	Maharashtra	Pench Tiger Reserve
11	22	April	2020	Madhya Pradesh	Bandhavgarh Tiger Reserve
12	25	April	2020	Tamil Nadu	Sathyamangalam Tiger Reserve
13	2	May	2020	Madhya Pradesh	Bandhavgarh Tiger Reserve
14	2	May	2020	Karnataka	Billigiri Ranganathan Temple Tiger Resrve
15	3	May	2020	Uttar Pradesh	Pilibhit Tiger Reserve, Mala Range
16	3	May	2020	Madhya Pradesh	Panna Tiger Reserve
17	10	May	2020	Assam	Kaziranga Tiger Reserve
18	20	May	2020	Uttar Pradesh	Pilibhit Tiger Reserve
19	21	May	2020	Madhya Pradesh	Pench Tiger Reesrve
20	22	May	2020	Assam	Kaziranga Tiger Reserve
21	23	May	2020	Andhara Pradesh	NSTR
22	29	May	2020	Uttarakhand	Corbett Tiger Reserve
23	30	May	2020	Madhya Pradesh	Pench Tiger Reserve
24	4	June	2020	Karnataka	Nagarhole Tiger Reserve
25	10	June	2020	Maharashtra	Tadoba-Anhdari TR
26	14	June	2020	Madhya Pradesh	Bandhavgarh TR
27	14	June	2020	Madhya Pradesh	Bandhavgarh TR
28	14	June	2020	Maharashtra	Tadoba-Anhdari TR
29	14	June	2020	Maharashtra	Tadoba-Anhdari TR
30	27	June	2020	Madhya Pradesh	Panna Tiger Reserve
31	18	July	2020	Maharashtra	Melghat Tiger Reserve
32	19	July	2020	Karnataka	N. Begur Range, Bandipur
33	23	July	2020	Rajasthan	Mukundra Hills Tiger Reserve
34	24	July	2020	Maharashtra	Tadoba-Anhdari TR
35	24	July	2020	Uttarakhand	Corbett Tiger Reserve
36	27	July	2020	Madhya Pradesh	Panna Tiger Reserve
37	3	Aug	2020	Rajasthan	Mukundra Hills Tiger Reserve
38	10	August	2020	Madhya Pradesh	Panna Tiger Reserve

39	11	August	2020	Uttar Pradesh	Dudhwa Tiger Reserve
40	25	August	2020	Karnataka	Kalahalla Range, Nagarahole TR
41	4	September	2020	Kerala	Thekedi Range, Periyar TR
42	5	September	2020	Assam	Teteliguri, Kohora, Kaziranga
43	16	September	2020	Tamil Nadu	Telamalai Beat, Sathyamangalam TR
44	24	September	2020	Madhya Pradesh	Dhamokar Buffer, BandhavgarhTR
45	1	October	2020	Kerala	Periyar TR
46	10	October	2020	Madhya Pradesh	Compt. No. 301 Gohri Beat Tala Range, Badhavgarh TR
47	10	October	2020	Madhya Pradesh	Compt. No. 301 Gohri Beat Tala Range, Badhavgarh TR
48	13	October	2020	Tamil Nadu	Kothamangalam Section, sathyamangalm TR
49	17	October	2020	Madhya Pradesh	Compt. 145 parsi Beat Dhamokar Range, Sathyamangalam TR
50	17	October	2020	Madhya Pradesh	Compt. 145 parsi Beat Dhamokar Range, Sathyamangalam TR
51	27	October	2020	Karnataka	Tegur Gudda Beat, Hebbe Range, Bhadra TR
52	28	October	2020	Maharashtra	Khadsangi Range, Buffer, Tadoba Andhari TR
53	11	November	2020	Uttar Pradesh	Dudhwa Tiger Reserve
54	14	November	2020	Madhya Pradesh	Amanganj Road, Panna Tiger Reserve
55	15	November	2020	Maharashtra	Mundipar round, Gondia Range, NNTR
56	17	November	2020	Madhya Pradesh	Kisli Range, Kanha Tiger Reserve, MP
57	20	November	2020	Tamil Nadu	Simarkuliudhai, Singara Beat, TN
58	13	December	2020	Karnataka	Arepalya Section, Kollegal Range, BRT TR
59	1	Jan	2021	Maharashtra	Comp. No 1415 P,F. Beat Karhandla, Round Navegaon [De.J, Range Umred [WL], Maharashtra
60	1	Jan	2021	Maharashtra	Comp. No 1415 P,F. Beat Karhandla, Round Navegaon [De.J, Range Umred [WL], Maharashtra
61	1	Jan	2021	Maharashtra	Comp. No 1415 P,F. Beat Karhandla, Round Navegaon [De.J, Range Umred [WL], Maharashtra
62	2	Jan	2021	Maharashtra	Comp. No 1415 P,F. Beat Karhandla, Round Navegaon [De.J, Range Umred [WL], Maharashtra

63	14	Jan	2021	Madhya Pradesh	Totaladoh, Pench Tiger Reserve,
64	19	Jan	2021	Madhya Pradesh	Manpur, Damna Beat, Bandhavgarh TR
65	21	Jan	2021	Maharashtra	Compt. No. 271, Raipur Range, Sipna WL Division, Melghat TR
66	23	Jan	2021	Chattisgarh	Narayanpur, Dhamtari
67	26	Jan	2021	Madhya Pradesh	Compt. No. 1104, Bahmani beat, Khapa Range, Kanha TR
68	28	Jan	2021	Madhya Pradesh	Pench Tiger Reserve, MP
69	30	Jan	2021	Bihar	Compt. No. 25 Gobardhan Range Division-1, Valmiki Tiger Reserve
70	2	Feb	2021	Assam	Tazeng anti poaching camp, Kaziranga Range, kaziranga national park, AS
71	9	Feb	2021	Madhya Pradesh	Mudholi Beat, Moharli Buffer, MH
72	14	Feb	2021	Madhya Pradesh	Compt. No. 698, Kopedabri Beat, Kisli Range, MP
73	14	Feb	2021	Madhya Pradesh	Compt no. 395, Panpatha Buffer, Bandhavgarh TR
74	18	Feb	2021	Bihar	Compt. No. 66, Manpur Beat, Maugraha range, Valmiki TR
75	8	Mar	2021	Assam	Orang Tiger Reserve, Assam
76	14	Mar	2021	Uttar Pradesh	Comp. NO. 128, Bhairo Beat, Mala Range, Pilibhit TR
77	14	Mar	2021	Maharashtra	Umred krandhla WLS, MH
78	13	Mar	2021	Maharashtra	Pench Tiger Reserve
79	19	Mar	2021	Karnataka	Nagarahole tiger reseve, KR
80	20	Mar	2021	Maharashtra	Umred krandhla WLS, MH
81	21	Mar	2021	Uttar Pradesh	Kishanpur WLS, Dudhwa TR, UP
82	21	Mar	2021	Kerala	Periyar Tiger Reserve, Kerala
83	22	Mar	2021	Madhya Pradesh	Compt No. 1440, Gumtara Range, Pench Tiger Reserve
84	28	Mar	2021	Karnataka	Nugu Range, Bandipur TR, Karnataka
85	28	Mar	2021	Karnataka	Nugu Range, Bandipur TR, Karnataka
86	31	Mar	2021	Karnataka	Nagarhole Tiger Reserve (Veeranhosalli Range)
87	31	Mar	2021	Madhya Pradesh	Rohaniya Beat, Magdhi Range, Bandhavgarh TR

Outside Tiger Reserve

(from 01.04.2020 to 31.03.2021)

SI No	Date	Month	Year	State	Tiger Reserve/ Area
1	11	April	2020	Madhya Pradesh	Burhanpur
2	13	April	2020	Kerala	Wayanad WLS
3	14	April	2020	Uttarakhand	Ramnagar
4	17	April	2020	Madhya Pradesh	Chitrakoot
5	3	May	2020	Kerala	Wayanad WLS
6	10	June	2020	Kerala	Ranni Division
7	10	June	2020	Kerala	Wayanad WLS
8	20	June	2020	Kerala	Thetturoad Area
9	23	June	2020	Maharashtra	Chatgoan Range
10	26	July	2020	Kerala	Wayanad WLS
11	15	August	2020	Kerala	Wayanad South Division
12	20	August	2020	Karnataka	MM Hills WLS
13	24	August	2020	Karnataka	Bagmanadala Range
14	12	September	2020	Maharashtra	Umred Krandhla WLS
15	20	September	2020	Madhya Pradesh	Majhgawa Range, Satna Division
16	24	September	2020	Uttar Pradesh	Hardoi Branch Canal, Dhaukoh beat
17	15	October	2020	Karnataka	Mandya district
18	22	October	2020	Assam	Diphu, Karbi Anglong
19	3	November	2020	Maharashtra	Ratnapur Village, Sindewahi Range, Chandrapur/Brahmpuri Division
20	5	November	2020	Madhya Pradesh	South Shahdol Division
21	12	November	2020	Chhattisgarh	Kawardha
22	15	November	2020	Madhya Pradesh	Between Panpatha Buffer and North Shahdol Division
23	22	November	2020	Maharashtra	Umred Range, Umred Krandhla WLS
24	4	December	2020	Karnataka	Srimangla Town Hudikee Section, Ponnampet Range, Virajpet Division
25	12	December	2020	Maharashtra	Compt. No. 45 Ratnapur Beat, Nawargaon round, Sindewahi Range, Brahmpuri Division
26	17	December	2020	Madhya Pradesh	Jamdaha Beat, Umaria Range, Sidhi Division
27	17	December	2020	Madhya Pradesh	South Seoni

28	18	December	2020	Madhya Pradesh	Khawasa Territorial area, Seoni
29	26	December	2020	Uttarakhand	Plot No.9, East Gadappu Block and Beat, Pipalpadav Range, Tarai Central
30	1	Mar	2021	Uttar Pradesh	Village Dokarpur, Mohmadi Range, of South Kheri Division
31	8	Mar	2021	Maharashtra	Mundipar round of Goregaon Range, Gondia Forest Division
32	12	Mar	2021	Chattisgarh	Bastar, Chattisgarh
33	16	Mar	2021	Madhya Pradesh	Singhori WLS, MP
34	18	Mar	2021	Madhya Pradesh	Ratapani WLS, MP
35	21	Mar	2021	Maharashtra	Wardha, Maharashtra
36	23	Mar	2021	Maharashtra	Badegaon-Sironoji-Sarra-Nagalwadi, FDCM MH
37	23	Mar	2021	Maharashtra	Sonegaon Nalla, Asan Shivar Sonegaon, Taluk Marengaon, Yavatmal, Pandarkhawda, MH
38	23	Mar	2021	Maharashtra	Tumni Beat, Sahur Round Asti Range, Wardha, MH
39	30	Mar	2021	Kerala	Kuppady, Wayanad WLS, Kerala

Annexure III – CSS-Project Tiger: Sanction Details for 2020-21

Details of sanctions tiger reserve wise

S. No.	Tiger Reserves	States	Total Released during 2020-21 (Rs. In Lakhs) including village relocation
1.	Nagarjunasagar	Andhra Pradesh	266.51
2.	Kamlang	Arunachal Pradesh	160.17
3.	Pakke	Arunachal Pradesh	404.57
4.	Namdapha	Arunachal Pradesh	239.02
5.	Orang	Assam	299.18
6.	Manas	Assam	418.22
7.	Nameri	Assam	63.69
8.	Kaziranga	Assam	1732.81
9.	Valmiki	Bihar	628.89
10.	Indravati	Chhattisgarh	122.49
11.	Achanakmar	Chhattisgarh	195.94
12.	Udanti-Sitnanadi	Chhattisgarh	152.73
13.	Palamau	Jharkhand	128.453
14.	Kali(Dandeli Aanshi)	Karnataka	234.635
15.	Nagarhole	Karnataka	568.94
16.	Bhadra	Karnataka	370.06
17.	Bandipur	Karnataka	669.80
18.	BRT	Karnataka	274.57
19.	Periyar	Kerala	212.19
20.	Parambikulam	Kerala	190.69
21.	Pench	Madhya Pradesh	450.90
22.	Panna	Madhya Pradesh	458.54
23.	Bandhavgarh	Madhya Pradesh	377.89

24	Kanha	Madhya Pradesh	651.33
25.	Sanjay Dubri	Madhya Pradesh	246.35
26.	Satpura	Madhya Pradesh	366.25
27.	Melghat	Maharashtra	1426.38
28.	Bor	Maharashtra	113.81
29.	Navegaon-Nagzira	Maharashtra	255.22
30.	Tadoba-Andhari	Maharashtra	573.77
31.	Pench	Maharashtra	661.19
32.	Sahyadri	Maharashtra	67.66
33.	Dampa	Mizoram	161.53
34	Satkosia	Odisha	140.68
35.	Similipal	Odisha	539.39
36.	Mukundra	Rajasthan	298.28
37.	Ranthambore	Rajasthan	262.28
38.	Sariska	Rajasthan	448.33
39.	KMTR	Tamil Nadu	238.43
40.	Mudumalai	Tamil Nadu	447.63
41.	Sathyamangalam	Tamil Nadu	383.63
42.	Anamalai	Tamil Nadu	266.45
43.	Kawal	Telangana	238.20
44.	Amrabad	Telangana	113.77
45.	Corbett	Uttarakhand	1123.85
46.	Rajaji	Uttarakhand	547.45
47.	Dudhwa	Uttar Pradesh	627.86
48.	Pilibhit	Uttar Pradesh	295.43
49.	Sundarban	West Bengal	173.67
50.	Buxa	West Bengal	160.29
	Total		19449.998

Details of sanctions state wise

S. No.	State	Amount release (Rs. in Lakhs)
1.	Andhra Pradesh	266.51
2.	Arunachal Pradesh	803.76
3.	Assam	2513.90
4.	Bihar	628.89
5.	Chhattisgarh	471.16
6.	Jharkhand	128.453
7.	Karnataka	2118.005
8.	Kerala	402.88
9.	Madhya Pradesh	2551.26
10.	Maharashtra	3098.03
11.	Mizoram	161.53
12.	Odisha	680.07
13.	Rajasthan	1008.89
14.	Tamil Nadu	1336.14
15.	Telangana	351.97
16.	Uttarakhand	1671.30
17.	U.P.	923.29
18.	West Bengal	333.96
Total		19449.998

Annexure IV –Plan Expenditure for FY 2020-21 (as on 31.03.2021)

(Rs. In crores)

S. No.	Budget Head	BE 2020-21	RE 2020-21	Expenditure	Percentage Expenditure w.r.t. RE
Project Tiger Scheme					
1.	3601.06.101.02.01.31 (Assistance to State Governments) Grants-in-aid General	206.10	114.50	114.50	100%
2.	3601.06.796.02.01.31 (Assistance to State Governments) <u>Tribal Sub Plan (TSP)</u> , Grants-in-aid General	35.00	30.00	30.00	100%
3.	3601.06.789.02.01.31 (Assistance to State Governments) <u>Scheduled Caste Sub Plan (SCSP)</u> , Grants-in-aid General	28.00	25.00	25.00	100%
4.	2552.00.114.06.03.31 (Assistance to North Eastern Region) Grants-in-aid General	30.00	25.00	25.00	100%
5	2406.02.110.15.03	0.90	0.50	0.20	40%
Total		300.00	195.00	194.70	99.85

2406.02.110.17.03 (National Tiger Conservation Authority) (Detailed Head)

		BE 2020-21	RE 2020-21	Fund available for Expenditure in 2020-21	Expenditure	Percentage Expenditure w.r.t. RE
(a)	17.03.31 Grants-in-aid General	9.00	6.00	# 6.87	6.85	99.71 %
(b)	17.03.36 Grants-in-aid Salaries	1.50	1.40	* 1.31	1.19	90.84 %
Total		10.50	7.40	8.18	8.04	98.29 %

including revalidation of Rs. 0.87 Crore.

* including revalidation of Rs. 0.10 Crore and after deduction interest deposited for the year 2015-16 to 2017-18 Rs. 0.19 Crore.

Annexure V – Financial statement / Balance sheet as on 31.03.2021

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**

BALANCE SHEET AS AT 31.03.2021

(Amount In Rs.)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	33,917,911.10	42,465,841.10
Reserves and Surplus	2	-	-
Earmarked/Endowment Funds	3	-	-
Secured Loans and Borrowings	4	-	-
Unsecured Loans and Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities and Provisions	7	2,335,127.00	4,348,155.00
TOTAL		36,253,038.10	46,813,996.10
ASSETS			
Fixed Assets	8	33,804,065.00	34,857,974.00
Investments- From Earmarked/Endowment Funds	9	-	-
Investments-Others	10	-	-
Current Assets, Loans, advances Etc.	11	2,448,973.10	11,956,022.10
Miscellaneous Expenditure(to the extent not written off or adjusted)		-	-
TOTAL		36,253,038.10	46,813,996.10
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

Annexure VI – Financial statement - Income & Expenditure Account as on 31st March, 2021

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**
 INCOME & EXPENDITURE ACCOUNT
 FOR THE YEAR ENDED ON 31.3.2021

(Amount In Rs.)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12	-	-
Grants/Subsidies	13	74,000,000.00	84,986,937.00
Fees/Subscriptions	14	-	-
Income from Investments (Income on Investment From Earmarked/Endow. Funds transferred to Funds)	15	-	-
Income from Royalty, publication etc.	16	-	-
Interest Earned	17	230,234.00	-
Other Income	18	18,475.00	6,000.00
Less: (Deposited in Govt Account)		-18,475.00	-
Increase/(Decrease) in Stock of Finished Goods & WIP	19		
TOTAL (A)		74,230,234.00	84,992,937.00
EXPENDITURE			
Establishment Expenses	20	25,740,673.00	32,857,983.00
Other Administrative Expenses etc.	21	12,009,159.00	6,987,108.20
Expenditure on Grants, Subsidies etc.	22	38,045,800.00	44,801,000.00
Interest (deposited into govt account)	23	142,630.00	1,128,194.00
Provision of Interest refundable to Ministry	7	87,604.00	-
Provision for Statutory Audit Fee	7	100,000.00	-
Depreciation (Net Total at the year-end)	8	5,066,306.00	5,183,865.00
TOTAL (B)		81,192,172.00	90,958,150.20
Excess of Income over Expenditure (A-B)		-6,961,938.00	-5,965,213.20
Prior Period Adjustment (Net)		-	1,280,951.00
Balance Being Surplus Carried to Corpus/Capital Fund		-	-
Balance Being Deficit Carried to Corpus/Capital Fund		-6,961,938.00	-4,684,262.20
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

Annexure VII – Financial statement (Receipts & Payments) as on 31st March, 2021

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**

RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.3.2021

Amount In Rs.

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances			1. Expenses		
(a) Cash in Hand	25,000.00	10,000.00	(a) Establishment Expenses (corresponding to Schedule 20)	25,740,673.00	32,857,983.00
Imprest	150,000.00	110,000.00	(Outstanding at beginning of the year - Outstanding at end of the year)	649,610.00	-2,330,895.00
(b) Bank Balances			(b) Administrative Expenses (corresponding to Schedule 21)	8,618,886.00	6,144,504.20
i) In current accounts	-	-	(Outstanding at beginning of the year - Outstanding at end of the year)	-22,902.00	-
ii) In deposit accounts	-	-	(c) Grant in aid to Institutions/ Organisations (corresponding to Schedule 22)	38,045,800.00	44,201,000.00
iii) Savings accounts	10,013,032.10	7,449,460.30	(Payable at beginning of the year - Payable at end of the year)	600,000.00	-
II. Grants Received			II. Payments made against funds for various projects		
(a) From Government of India	74,000,000.00	84,986,937.00	(Name of the fund or project should be shown along with the particulars of payments made for each project)	-	-
(b) From State Government	-	-	i) Research Projects	-	-
(c) From other sources (details)	-	-	ii) Training, Workshop Conference	3,390,273.00	842,604.00
(Grants for capital & revenue exp. To be shown separately)	-	-	III. Investments & deposit made		
III. Income on Investments from			(a) Out of Earmarked/Endowment funds	-	-
(a) Earmarked/Endow Funds	-	-	(b) Out of own funds (Investments-Others)	-	-
(b) Own Funds (Oth. Investment)	-	-	IV. Expenditure on fixed Assets & capital work-in-progress		
IV. Interest Received			(a) Purchase of fixed assets	3,735,416.00	572,900.00
(a) On bank deposits	230,234.00	327,324.00	(b) Expenditure on capital work-in-progress	-	-
(b) Loans, Advances etc.	-	-	V. Refund of surplus money/loans		
V. Other Income (Specify)			(a) to the Government of India	-	-
Refund of Bank Charges	-	-	(b) to the State Government	-	-
Sale Proceeds of old articles/ items	18,475.00	6,000.00	(c) to other providers of funds	-	-
(Deposited to the govt a/c)	-18,475.00	-	VI. Finance Charges (Interest)	2,350,037.00	1,128,194.00
VI. Amount Borrowed			VII Other Payments (Specify)		
VII. Any other receipts (give details)					

NTCA

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
(a) Misc. Receipts	-	-	(a) Payment of TDS	-	-
(b) Interest on Scooter Adv.	-	-	(b) Security Deposit/ Released	-	-
(c) Security deposit	-	-	(c) Amount adjustable(By other deptt.)	-	-
(d) Recovery of Advances	3,069,396.00	1,408,185.00	(d)Advances Recoverable in Cash or for Value to be Recovered	2,743,386.00	693,584.00
(e) Recovery of TDS	-	-	(e) Staff advances	-	-
(f) Staff car recovery	-	-	(f) Payment to other Depatt, (Recoveries from pay bills)	-	-
(g) License fee	-	-	(g) Bank Charges	-	-
(h) Recovery from pay bills, adjustable by other Departments	-	-	(h)recoupment of imprest advance	-	-
(i) Sale proceed of assets	-	-	VIII. Closing Balances		
(j) GIA refunded	-	-	(a) Cash in Hand	25,000.00	25,000.00
(k) Leave salary & Pension contribution payment made last yer received back	-	-	Imprest	150,000.00	150,000.00
			(b) Bank Balances		
			(i) In current accounts	-	-
			(ii) In deposit accounts	-	-
			(iii) Savings accounts	1,461,483.10	10,013,032.10
TOTAL	87,487,662.10	94,297,906.30	TOTAL	87,487,662.10	94,297,906.30

Schedule 1 – Corpus / Capital fund – Financial statements – Schedules forming part of balance sheet as on 31.03.2021

(Amount in Rs)

FORM OF FINANCIAL STATEMENTS (NON -PROFIT ORGANIZATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2021

SCHEDULE 1 - CORPUS/CAPITAL FUND

(Amount in Rs.)

SCHEDULE 1 - CORPUS/CAPITAL FUND:	Sch.	Current Year	Previous Year
Balance as at the beginning of the year		42,465,841.10	47,150,103.30
Add: Balance of net income			
Transferred from the Income and Expenditure Account			
Deduct: Balance of net expenditure		6,961,938.00	4,684,262.20
Transferred from the Corpus/Capital Fund Adjustment	23A	-1,585,992.00	
BALANCE AS AT THE YEAR - END		33,917,911.10	42,465,841.10

Schedule 2 – Reserves and Surplus

A. Reserves and Surplus:	Current Year	Previous Year
1. Capital Reserve:	-	-
As per Last Account	-	-
Addition during the year	-	-
Less: Deduction during the year	-	-
2. Revaluation Reserve:	-	-
As per Last Account	-	-
Addition during the year	-	-
Less: Deduction during the year	-	-
3. Special Reserves:	-	-
As per Last Account	-	-
Addition during the year	-	-
Less: Deduction during the year	-	-
4. General Reserves:		
As per Last Account		
Addition during the year		
Less: Deduction during the year	-	-
TOTAL	-	-

Schedule 3 – Earmarked / Endowment Funds

					(Amount in Rs)	
SCHEDULE 3- EARMARKED/ENDOWMENT FUNDS	FUND WISE BREAK-UP				TOTALS	
	FUND WW	FUND XX	FUND YY	FUND ZZ	CURRE NT YEAR	PREVIO US YEAR
A) Opening Balance Of The Funds	-	-	-	-	-	-
B) Additions To The Funds:	-	-	-	-	-	-
i) Donations/Grants	-	-	-	-	-	-
ii) Income From Investments Made On Amount Of Funds	-	-	-	-	-	-
iii) Other Additions (Specify Nature)	-	-	-	-	-	-
Total (a + b)	-	-	-	-	-	-
C) Utilization/Expenditure Towards Objectives Of Funds						
i) Capital Expenditure	-	-	-	-	-	-
Fixed Assets	-	-	-	-	-	-
Others	-	-	-	-	-	-
Total	-	-	-	-	-	-
ii) Revenue Expenditure	-	-	-	-	-	-
Salaries, Wages And Allowances Etc.	-	-	-	-	-	-
Rent	-	-	-	-	-	-
Other Administrative Expenses	-	-	-	-	-	-
Total	-	-	-	-	-	-
TOTAL (c)	-	-	-	-	-	-
NET BALANCE AS AT THE YEAR END (a + b + c)	-	-	-	-	NIL	NIL

NOTES

(1) Disclosures shall be made under relevant heads based on conditions attaching to the grants

2) Plan funds received from the central/share governments are to be shown as separate funds and not to be mixed up with any other funds.

Schedule 4 – Secured Loans and Borrowings

A. -Secured Loans and Borrowings:	(Amount in Rs)	
	Current Year	Previous Year
Schedule 4- Secured Loans and Borrowings:	-	-
1. Central government	-	-
2. State government (specify)	-	-
3. Financial institutions	-	-
a) term loans	-	-
b) interest accrued and due	-	-
4. Banks:	-	-
a) Term loans	-	-
- Interest accrued and due	-	-
b) Other loans (specify)	-	-
- Interest accrued and due	-	-
5. Other institutions and agencies	-	-
6. Debentures and bonds	-	-
7. Others (specify)	-	-
Total	-	-
Note: amount due in one year		

Schedule 5 – Unsecured Loans and Borrowings

A. -Unsecured Loans and Borrowings:	(Amount in Rs)	
	Current Year	Previous Year
1. Central Government	-	-
2. State Government (Specify)	-	-
3. Financial Institutions	-	-
4. Banks:	-	-
(a) Term Loans	-	-
(b) Other Loans (Specify)	-	-
5. Other Institutions And Agencies	-	-
6. Debentures And Bonds		
7. Fixed Deposits	-	-
8. Others (Specify)		
Total	-	-
Note : Amount Due In One Year	-	-

Schedule 6 – Deferred Credit Liabilities

A. -Deferred Credit Liabilities:	(Amount in `)	
	Current Year	Previous Year
a) Acceptance secured by hypothecation of capital equipment and other assets	-	-
b) Others	-	-
Total	-	-
Note : Amount due in one year		

Schedule 7 – Current Liabilities and Provisions

(Amount in Rs)

FORM OF FINANCIAL STATEMENTS (NON -PROFIT ORGANIZATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2021

SCHEDULE 7 -CURRENT LIABILITIES AND PROVISIONS

(Amount in Rs.)

A. CURRENT LIABILITIES:	Current Year	Previous Year
1. Acceptances	-	-
2. Sundry Creditors:	-	-
a) For Goods	-	-
b) Others	-	-
3. Advances Received	-	-
4. Interest accrued but not due on:	-	-
a) Secured Loans/Borrowings	-	-
b) Unsecured Loans/Borrowings	-	-
5. Other current Liabilities	-	-
(i) Grant in Aid refundable to Ministry	-	-
(ii) Unspent Grant in Aid refundable to Ministry	-	-
(iii) Interest refundable to Ministry	87,604.00	327,324.00
(iii) Security refundable	3,794.00	25,394.00
(iv) Other (Performance Reward)	-	600,000.00
TOTAL (A)	91,398.00	952,718.00
B. PROVISIONS:		
1. For Taxation	-	-
2. Gratuity	-	-
3. Superannuation/Pension	-	-
(i) Contribution to Superannuation scheme	-	-
4. Accumulated Leave Encashment	-	-
5. Leave Salary & Pension Contribution	189,151.00	-
6. Salary	1,931,676.00	3,395,437.00
7. Other Expenses payable	22,902.00	-
Provision for Statutory Audit Fee	100,000.00	-
TOTAL (B)	2,243,729.00	3,395,437.00
TOTAL (A + B)	2,335,127.00	4,348,155.00

Schedule 8 – Fixed Assets

(Amount in Rs.)

NAME OF ENTITY : NATIONAL TIGER CONSERVATION AUTHORITY
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2021

Schedule 8- Fixed Assets

Amounts in Rs.

DESCRIPTION	GROSS BLOCK				DEPRECIATION						NET BLOCK		
	Additions during the year		Deductions during the year (c)	Cost/value at the year end (d)	Depreciation Rate % (e)	As at the beginning of the year (f)	On additions during the year		On Deductions during the year (h)	Total Up to the year-end (i)	As at the end of current year (d - f - g)	As at the end of previous year	
Cost/value at the beginning of the year (a)	1.4.2020-30.9.2020	1.10.2020-31.3.2021					1.4.2020-30.9.2020	1.10.2020-31.3.2021					
Tangible Assets													
Building	18,452,992	276,981	-	18,729,973	10%	1,845,299	27,698	-	1,872,997	16,856,976	18,452,992		
Furniture & Fixtures	1,617,545	-	315,469	1,933,014	10%	161,755	-	15,773	177,528	1,755,486	1,617,545		
Vehicle	1,266,656	1,583,643	-	2,850,299	15%	189,998	237,546	-	427,544	2,422,755	1,266,656		
Mobile & Portable Devices	168,749	-	-	168,749	15%	25,312	-	-	25,312	143,437	168,749		
Office Equipment	1,569,207	25,499	90,658	1,685,364	15%	235,381	3,825	6,799	246,005	1,439,359	1,569,207		
Surveillance System	10,142,082	-	-	10,142,082	15%	1,521,312	-	-	1,521,312	8,620,770	10,142,082		
Computer/Peripherals	367,550	363,768	251,688	983,006	40%	147,020	145,507	50,338	342,865	640,141	367,550		
Library Books	19,379	-	6,115	25,494	40%	7,752	-	1,223	8,975	16,519	19,379		
Scientific/Technical Equipment	70,075	-	-	70,075	15%	10,511	-	-	10,511	59,564	70,075		
Intangible Assets													
Software (APO Application)	1,183,739	-	-	1,183,739	25%	295,935	-	-	295,935	887,804	1,183,739		
Software (MIS Application)	0	-	1,098,576	1,098,576	25%	-	-	137,322	137,322	961,254	0		
TOTAL FOR THE CURRENT YEAR	34,857,974	2,249,891 #	1,762,506 #	- #	38,870,371 #	#	4,440,275 #	414,576 #	211,455 #	- #	5,066,306 #	33,804,065 #	34,857,974

Schedule 9 –Investments from Earmarked / Endowment Funds

(Amount in `)

INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS:	Current Year	Previous Year
1. In government securities	-	-
2. Other approved securities	-	-
3. Shares	-	-
4. Debentures and bonds	-	-
5. Subsidiaries and joint ventures	-	-
6. Others (to be specified)	-	-
Total	-	-

Schedule 10 –Investments Others

(Amount in `)

INVESTMENTS OTHERS	Current Year	Previous Year
1. In Government Securities	-	-
2. Other Approved Securities	-	-
3. Shares	-	-
4. Debantures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Other (to Be Specified)	-	-
TOTAL	-	-

Schedule 11 –Current Assets, Loans, Advances etc

(Amount in Rs)		
A. CURRENT ASSETS:	Current Year	Previous Year
1. Inventories:	-	-
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Stock-in-trade		
Finished Goods	-	-
Work-in-progress	-	-
Raw Materials	-	-
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding 6 months	-	-
b) Others	-	-
3. Cash balances in hand (including cheques/drafts and imprest)		
Cash- In - Hand	-	-
Imprest	175,000.00	175,000.00
4. Bank Balances:		
a) With Scheduled Banks:		
- On Current Accounts	-	-
- On Deposit Accounts	-	-
(includes margin money)		
- On Savings Accounts	1,461,483.10	10,013,032.10
b) With non-Schedules Banks:	-	-
-On Current Accounts	-	-
- On Deposit Accounts	-	-
- On Savings Accounts	-	-
5. Post Office-Savings Accounts	-	-
TOTAL (A)	1,636,483.10	10,188,032.10

Schedule 11b –Current Assets, Loans, Advances etc

		(Amount in Rs)	
B. LOANS, ADVANCES AND OTHER ASSETS:	Current Year	Previous Year	
1. Loans:			
a) Staff	-	-	
b) Other Entities engaged in activities/ objectives similar to that of the Entity	-	-	
c) Other (specify)	-	-	
2. Advances and other amounts recoverable in cash or for value to be received			
a) On Capital Account	-	-	
b) Prepayments	-	-	
Advance Payment to CPWD	-	-	
Advance Payment to State PWD, Bengaluru		316,000.00	
Other	211,386.00	875,061.00	
c) Others			
Security Deposit	62,184.00	62,184.00	
Tax Deduction at Source	538,920.00	514,745.00	
3. Income Accrued:			
a) On Investments from Earmarked/ Endowment funds		-	
b) On Investments- Others		-	
c) On Loans and Advances		-	
d) Others (includes income due unrealized - Rs.....)		-	
4. Claims Receivable	-	-	
TOTAL (B)	812,490.00	1,767,990.00	
TOTAL (A + B)	2,448,973.10	11,956,022.10	

Schedule 12 –Income from Sales/ Services

INCOME FROM SALES/SERVICES:	(Amount in Rs)	
	Current Year	Previous Year
1) Income From Sales	-	-
a) Sale Of Finished Goods	-	-
b) Sale Of Raw Material	-	-
c) Sale Of Scraps	-	-
2) Income From Services	-	-
a) Labour And Processing Charges	-	-
b) Professional/Consultancy Services	-	-
c) Agency Commission And Brokerage	-	-
d) Maintenance Services (Equipment/Property)	-	-
e) Others (Specify)	-	-
TOTAL (B)	-	-

Schedule 13 –Grants / Subsidies

(Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1. Central Government	7,400,000.00	84,986,937.00
2. State Government(s)	-	-
3. Government Agencies	-	-
4. Institutions/Welfare Bodies	-	-
5. International Organisations	-	-
6. Others (Specify) /Bank TRFMisc.	-	-
Total	7,400,000.00	84,986,937.00
Unspent Balance of Grants	-	-
TOTAL	7,400,000.00	84,986,937.00

Schedule 14 –Fees / Subscriptions

FEES/SUBSCRIPTIONS	(Amount in `)	
	Current Year	Previous Year
1. Entrance Fees	-	-
2. Annual Fees/Subscriptions	-	-
3. Seminar/Program fees	-	-
4. Consultancy Fees	-	-
5. Others (Specify)	-	-
TOTAL	-	-

Schedule 15 –Income from Investments

(Amount in `)

Income from Investments	INVESTMENT FROM EARMARKED FUND		INVESTMENT OTHERS	
	Curent Year	Previous Year	Curent Year	Previous Year
Income on invest from earmarked/endowment funds transferred to funds				
1. Interest				
a) On Govt. Securities'	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
2. Dividends:				
a) On Shares	-	-	-	-
b) On Mutual Fund Securities	-	-	-	-
3. Rents	-	-	-	-
4. Others (Specify)	-	-	-	-
TOTAL	-	-	-	-

Transferred To Earmarked/Endowment Funds

Schedule 16 –Income from Royalty, Publication

(Amount in `)

Income from Royalty,Publication	Current Year	Previous Year
1. Income From Royalty	-	-
2. Income From Publications	-	-
3. Others (Specify)	-	-
TOTAL	-	-

Schedule 17 –Interest Earned on the Term Deposits / Saving Accounts / Loan

	(Amount in Rs)	
	Current Year	Previous Year
1. On Term Deposit		
a) With Scheduled Banks	-	-
b) With Non Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
2. On Saving Accounts		
a) With Scheduled Banks	230,234.00	
b) With Non Scheduled Banks	-	-
c) Post office Savings Accounts	-	-
d) Others	-	-
3. On Loans		
a) Employee/Staff	-	-
b) Others	-	-
4. Interest on Debtors and Other Receivables	-	-
Total	230,234.00	-

Schedule 18 –Other Income

	(Amount in Rs)	
	Current Year	Previous Year
1. Profit on Sale/disposal of Assets :		
a) Owned Assets	18,475.00	6,000.00
b) Assets acquired out of grants, or received free of cost	-	-
2. Export Incentives realized	-	-
3. Fees for Miscellaneous Services	-	-
4. Miscellaneous		
(a) Earlier year provisions written off	-	-
(b) GIA earlier issued refunded back	-	-
(c) Interest received on staff advance	-	-
(d) Value of assets received back from the Ministry	-	-
(f) Misc Income	-	-
Total	18,475.00	6,000.00

Schedule 19 –Increase / Decrease in Stock of Finished Goods & Works in Process

INCREASE/DECREASE IN STOCK OF FINISHED GOODS & WORK IN PROGRESS	(Amount in `)	
	Current Year	Previous Year
A) Closing Stock		
- Finished Goods	-	-
- Work In Progress	-	-
B) Less Opening Stock	-	-
- Finished Goods	-	-
- Work In Progress	-	-
Total	-	-

Schedule 20 –Establishment Expenses

	(Amount in Rs)	
	Current Year	Previous Year
a) Salaries and Wages	24,118,992.00	32,833,576.00
b) Allowances and Bonus	-	-
c) Contribution to Provident Fund	-	-
d) Contribution to Other Fund (Specify)	-	-
e) Staff Welfare Expenses		24,407.00
f) Expenses on Employees' Retirement & Terminal Benefits	513,312.00	-
g) Others	-	-
LTC cash scheme	288,179.00	
Statutory Audit Fee	484,140.00	
Reimbursement (medical, news paper, brief case, telephone charges et) of NTCA officers	336,050.00	40,000.00
TOTAL	25,740,673	32,897,983

Schedule 21 –Other Administrative Expenses Etc.

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **NATIONAL TIGER CONSERVATION AUTHORITY**

SCHEDULES FORMING PART INCOME & EXPENDITURE ACCOUNT

FOR THE PERIOD /YEAR ENDED 31.03.2021

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in Rs.)

	Current Year	Previous Year
a. Purchases	-	-
b. Conveyance and Cartage	63,454.00	46,324.00
c. Repairs and maintenance		
Building	365,118.00	19,320.00
Other	210,284.00	323,149.00
d. Vehicles Running Expenses	268,256.00	310,802.00
e. Vehicles Maintenance	69,668.00	176,304.00
f. Postage, Telephone and Communication Charges.	224,315.00	313,127.00
g. Printing, Publication and Periodicals	191,719.00	336,730.00
h. Travelling Expenses	3,065,808.00	2,403,056.00
i. Legal & Professional Charges	726,123.00	132,091.00
j. Hospitality Expenses	182,219.00	468,217.00
k. Advertisement and Publicity	1,381,314.00	-
l. Professional Charges	-	-
m. Electricity & Water Charges	163,257.00	192,908.00
n. Distribution Expenses	-	-
o. TDS	-	-
p. Printing & Stationery	327,210.00	561,206.00
q. Imp. Expenses	-	-
r. Relocation/Moving Expenses	-	-
s. Bank Charges	-	282.20
t. Other Office expenses	1,296,161.00	768,364.00
u. Rent	83,980.00	92,624.00
v. Profit on sale of unusable assets		
Total (I)	8,618,886.00	6,144,504.20
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences/Meeting	3,390,273.00	842,604.00
Expenses on Research Projects & Monitoring	-	-
Total (II)	3,390,273.00	842,604.00
III. Unspent balance of GIA refundable to Ministry.	-	-
TOTAL (I+II+III)	12,009,159.00	6,987,108.20

Schedule 22 –Grants.

(Amount in Rs)

	Current Year	Previous Year
a. Grants given to Institutions /Organisations	38,045,800.00	44,801,000.00
Unspent grants-in aid refundable to ministry	-	-
b. Subsidies given to Institutions/ Organisations	-	-
Total	38,045,800.00	44,801,000.00

Schedule 23 –Interest

(Amount in Rs)

	Current Year	Previous Year
a. On Fixed Loans	-	-
b. On Other Loans (including Bank Charges)	-	-
c. Other	142,630.00	1,128,194.00
Total	142,630.00	1,128,194.00

Schedule 23 (A) –Corpus / Capital Fund Adjustment

	Current Year	Previous Year
A. Prior Period Income	-	-
Related to Fixed Assets	276,981.00	1,367,068.00
Related to Expenses	625,000.00	-
Related to Current Liability (Security Refund.)	21,600.00	-
Related to Balance with Revenue Authority	24,175.00	-
Total (A)	947,756.00	1,367,068.00
B. Prior Period Expenses		
Related to Loans & Advance Assets	337,665.00	30,404.00
Related to PWD Advance	316,000.00	55,713.00
Related to Previous years Interest	1,880,083.00	-
Total (B)	2,533,748.00	86,117.00
Total (A-B)	-1,585,992.00	1,280,951.00

Schedule 24 –Significant Accounting Policies

1. Basis of Accounting

The financial statements are prepared in accordance with generally accepted Accounting policies.

2. Fixed Assets

Fixed Assets are stated at cost of acquisition inclusive of inward freight duties and taxes and incidental and direct expenses related to acquisition less accumulated depreciation.

Fixed Assets received by way of non-monetary grants, (other than toward corpus fund) are capitalized at values stated, by corresponding credit to Capital Reserve.

3. Depreciation

Depreciation on Fixed Assets is provided on written down value at the rates provided in the Income Tax Act 1961. Assets acquired after September have been depreciated at half the rate of depreciation prescribed for an asset.

4. Government Grant

Government Grant are accounted on realization basis.

5. General

Accounting policies not specifically mentioned are otherwise inconsonance.

Schedule 25 –Contingent Liabilities and Notes on Accounts

- 1. Contingent Liabilities:** Claims against the Entity not acknowledged as debts - NIL (Previous year NIL)
- 2. Capital Commitments:** Estimated value of contracts remaining to be executed on Capital account and not provided for (net of advances) - NIL (Previous year NIL)
- 3. Current assets, Loans and Advances:** In the opinion of the Management, the Current Assets, Loans and Advances have a value on realisation in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.
4. Schedule 1 to 25 annexed form an integral part of the Balance Sheet as at 31st March, 2021 and the Income and expenditure Account the year ended on that date.
5. Interest income on deposit is recognized at accrued basis and at gross figures and tax deduction at sources stated separately.

153

Speed Post

कार्यालय महानिदेशक लेखापरीक्षा
पर्यावरण एवं वैज्ञानिक विभाग, नई दिल्ली 110021

No. DGA/ESD/EA/192 /SAR/NTCA/2021-22/951

दिनांक

सेवा में,

16 MAR 2022

Dr. S.P. Yadav
ADG (PT) & MS,
National Tiger Conservation Authority, MOEF & CC
7th floor, Pandit Deendayal Antyadaya Bhawan, CGO Complex,
Lodhi Road, New Delhi-110003

विषय: Separate Audit Report on the Accounts of National Tiger Conservation Authority, New Delhi for the year 2020-21

महोदय,

मुझे वर्ष 2020-21 के लिए National Tiger Conservation Authority, New Delhi का पृथक लेखापरीक्षा प्रतिवेदन अग्रेषित करने का निर्देश हुआ है।

संसद के दोनों सदनों में प्रस्तुत करने से पहले वर्ष 2020-21 के वार्षिक लेखों को संस्थान के शासी निकाय द्वारा अनुमोदित किया/अपनाया जाए तथा इस संबंध में शासी निकाय द्वारा जारी किया गया रेजोल्यूशन ऑडिट को भेजा जाए। प्रत्येक दस्तावेज जो संसद में प्रस्तुत किया जाए उसकी तीन प्रतियाँ इस कार्यालय तथा दो प्रतियाँ भारत के नियंत्रक महालेखापरीक्षक को अग्रेषित की जाए। संसद के दोनों सदनों में प्रस्तुत करने की तिथियाँ भी इस कार्यालय को सूचित की जाए।

भवदीया,

संलग्नक:- पृथक लेखापरीक्षा प्रतिवेदन

निदेशक (पर्या.ले.)

Hoo
DD (Fin)


22/3/22
DDT

22/03/22

**Separate Audit Report on the accounts of National Tiger Conservation Authority,
New Delhi for the year 2020-21**

Name of the Autonomous Body: National Tiger Conservation Authority, New Delhi

1.	Date of submission of the accounts to the Audit by the autonomous body.	01.12.2021		
2.	Where applicable, reasons for returning the accounts for revision indicating why the accounts could not be certified with qualifications.	Not Applicable		
3.	Date of submission of revised accounts to Audit where revision was considered essential.	Not Applicable		
4.	Dates on which audit was taken up and completed.	13.12.2021 to 24.12.2021 (10 working days)		
5.	Date of issue of draft SAR to Autonomous Body for replies comments.	04.01.2022		
6.	Date of receipt of replies/comments from Autonomous Body (if received)	07.02.2022		
7.	Date of issue of draft SAR including replies/comments of Autonomous Body along with an Aide-memoire to CAG's office for approval.	28.02.2022		
8.	a) Date of CAG's office letter communicating approved SAR. b) Date of receipt of letter and approval at 8(a).	09.03.2022		
9.	Date of issue of final Audit Report to Govt. of India/ State Govt./CAG's office. English Version- Hindi version (if required) -	16-03-2022		
10.	Reasons for delay, if any, at various stages.			
11.	Dates of presentation of the previous Audit Reports before Parliament/Legislature. (Where the Audit Reports for previous year have not been placed, year to which these pertain may also be indicated).	Year	Lok Sabha	Rajya Sabha
		2018-19	18.09.2020	19.09.2020
		2019-20	23.07.2021	19.07.2021


Director (EA)

**Separate Audit Report on the Accounts of National Tiger Conservation Authority, New Delhi for the
year ended 31 March, 2021**

We have audited the attached Balance Sheet of National Tiger Conservation Authority (NTCA), New Delhi as on 31 March 2021, the Income & Expenditure Account and the Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38R of the Wildlife (Protection) Act, 1972 as amended from time to time. These financial statements are the responsibility of the NTCA's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (ii) The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the NTCA as required under Section 38R of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.
- (iv) We further report that:

(A) Balance Sheet

1. ASSETS

1.1 Fixed Assets (Schedule-8) amount of Rs. 338.04 lakh/-

Above includes an amount of Rs. 10.99 lakh for development of software (MIS Application) from NIC against project No. C151505WWDND work order dated 21st November 2015.

During the review of records, it was revealed that NTCA capitalized the intangible assets-website development during the year 2020-21, and charge depreciation @ of 25% which works out to Rs 137,322. However, the User Acceptance Testing (UAT) on agency server was only done on 29th August 2019 and Go live is yet to be done. Hence, the intangible assets should have been shown as work-in-progress as Go live is yet to be done, instead of intangible Assets-Software (MIS Application) development. Thus, this has resulted in Overstatement of Intangible Assets and Understatement of Work in progress each by Rs. 10.99 lakh and Overcharging of Depreciation by Rs. 1.37 lakh.

(B) Income & Expenditure Account

1. Income

Expenditure on Grants, Subsidies etc. (Schedule 22)

Above includes Grants given to institutions/organization an amount of Rs. 380.46 lakh. During the review of as per the records furnished by NTCA it was revealed that previous year unspent grant was Rs. 96.85 lakh and for the year end 2020-21 unspent Grant was Rs. 13.74 lakh. However, Schedule 7 Serial No. 5 (ii) unspent grant in Aid refundable to Ministry was showing Nil Balance. Similarly, Schedule 22 did not include unspent Grant in Aid refundable to Ministry. Thus, this is resulted in Understatement of Current liabilities and Expenditure each by Rs. 13.74 lakh.

(C) Grants-in-Aid:

Grants/ Subsidies (Schedule 13)

Grant received during the year was Rs. 740 lakh and previous year unspent balance of Rs. 96.85 lakh. Out of Rs. 836.85 lakh, Rs. 823.11 lakh (including Rs. 18.80 lakh of previous year interest refunded) was spent leaving unspent balance of Rs. 13.74 lakh.

(D) Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Member Secretary, NTCA through a management letter issued separately for remedial/corrective action.

(v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Accounts and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

(vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated and other matters mentioned in *Annexure* to this Audit Report give true and fair view in conformity with accounting principles generally accepted in India.

a. In so far as it related to the Balance Sheet, of the state of affairs of the NTCA, as at 31st March 2021 and

*b. In as far as it related to Income & Expenditure Accounts, of the **deficit** for the year ended on that date.*

Place: New Delhi

For and on behalf of the C&AG of India



Director General of Audit (E&SD)

Internal Audit/Control System

1. Adequacy of Internal Audit System

The internal audit was conducted up to March 2020. Internal Audit for the year 2020-21 is yet to be carried out.

2. Adequacy of Internal Control System

Following deficiencies in relation to internal control system were observed in audit: -

(i) Non-maintenance of record of assets created out of Grants for creation of Capital Assets

The Authority did not maintain any record of the assets created out of grants provided for creation of capital assets to the grantee institutions.

(ii) Surprise check of Cash was not carried out during 2020-21.

(iii) Bank Reconciliation Statement

NTCA had furnished the bank reconciliation statement of NTCA Hqrs New Delhi for the month of March 2021. However, no reconciliation statement of accounts maintained by regional offices i.e., Nagpur, Guwahati and Bengaluru were not furnished for scrutiny.

(iv) Monitoring of Utilization Certificates

Scrutiny of the records revealed that 15 number of Utilization Certificates (UCs) for Rs. 185.84 lakhs were still awaited from 15 institutions in respect of grants-in-aid released from 2012-13 to 2019-20. NTCA needs to pursue the institutions regularly for furnishing the UCs at the end of the twelve months.

3. System of Physical Verification of Assets, Stores and Library.

Scrutiny of the annual accounts of NTCA for the year 2020-21 revealed that the physical verification of Assets, Stores/Consumable items and Library has not been carried out by the NTCA nor any report of the same was produce to Audit. Though this discrepancy was pointed out by audit during previous years also, however no action was taken by the Authority.

4. Outstanding Statutory Liabilities

The Authority had no disputed statutory dues outstanding for more than six months from the date of becoming due during 2020-21.

Director (EA)



महानिदेशक लेखापरीक्षा
पर्यावरण एवं वैज्ञानिक विभाग
ए.जी.सी.आर.भवन, इन्द्रप्रस्थ एस्टेट,
नई दिल्ली-110002

DIRECTOR GENERAL OF AUDIT
ENVIRONMENT & SCIENTIFIC DEPARTMENTS
A.G.C.R. BUILDING, I.P. ESTATE
NEW DELHI-110002

SANJAY KUMAR JHA
DIRECTOR GENERAL

DGA (ESD)/EA/SAR/192/NTCA/2020-21/954

Dated :

16 MAR 2022

Dear Dr. Yadav,

We have audited the annual accounts of **National Tiger Conservation Authority, New Delhi** for the year 2020-21 and have issued the Audit Report thereon vide letter dated 16.03.22. During the course of audit, some deficiencies were noticed as per annexure- A which are of a relatively minor nature and were, therefore, not included in the audit report. These are being brought to your notice for remedial and corrective action.

With warm regards,

Yours sincerely,

Encl : As above

Dr. S.P. Yadav
ADG (PT) & MS,
National Tiger Conservation Authority, MOEF & CC
7th floor, Pandit Deendayal Antyadaya Bhawan, CGO Complex,
Lodhi Road, New Delhi-110003

दूरभाष / Phone : +91-11-23403652, 23403650 फैक्स / Fax : +91-11-23702353

Annexure-A

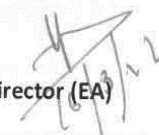
Other Income- Rs 18475 and Rs 6000 (Previous year)

The above Statement includes an amount of Rs 18475 on account of Sale proceeds of old articles/items during the year 2020-21. The similar amount was deducted from this head on account of Deposit made to the govt. account, resulting Nil balance. The routing of entry by adjusting from the same is incorrect. It should have been taken in Payment side of the R&P account instead of negative entry on the receipt side.

Further, an amount of Rs 6000 on account of Sale proceeds of old articles/items during the previous year 2019-20 was not included in receipt side of current year 2020-21. Thus, this resulted in understatement of other income and understatement of Liability payable to government along with overstatement of bank account each by Rs 6000.

Current Assets, Loans, Advances etc, (Schedule 11) Rs. 24,48,973.10

NTCA have two savings account in Banks in Delhi (HQ) and three Current accounts in Banks in regional offices. NTCA only showed closing balance of Rs. 14,61,483.10 pertaining to Delhi Hqs in Schedule 11- Current asset in Bank Balances. NTCA did not mentioned the bank balance of regional offices by Rs. 77,568. This leads to understatement of current asset by Rs 77,568 and understatement of Corpus capital by same amount.


Director (EA)