



# ENVIRONMENT, FORESTS & CLIMATE CHANGE DEPARTMENT

Achievement Report  
for the year 2019-2020

# MESSAGE



TJ Lalnuntluanga  
Hon'ble Minister  
Environment, Forests & Climate Change  
Department, Mizoram

I am delighted that Environment, Forests & Climate Change Department is bringing out e-book containing some important information on the achievement made during the year 2019-20.

The state Environment, Forests & Climate Change Department has been implementing Central and state government schemes to sustainably manage its natural and artificial forests and to conserve its wildlife diversity for some years. The achievements or impacts of these conservations programmes may not be ideal. However, the state has witnessed substantial results from the execution of such programmes.

I hope that this e-book will be a useful record and reference to anyone working under the government of Mizoram.

  
(TJ LALNUNTLUANGA)





## 1. BRIEF PROFILE OF THE DEPARTMENT

When Mizoram became Union Territory in 1972, 'Forest Department' was established headed by Director of Forests (in the rank of Conservator of Forests) as head of department. It was then re-named as Chief Conservator of Forests with creation of new post of Chief Conservator of Forests (CCF) in 1983.

In 1987, 'Forest Department' was re-named as 'Environment & Forests Department' and the head of the department was upgraded from CCF to Principal Chief Conservator of Forests (PCCF) in 1988. With the inclusion of the subject 'Climate Change', 'Environment & Forest Department' was again renamed as 'Environment, Forests & Climate Change Department' in 2016.

Present posts & staff position (as on 31.3.2020) is reproduced below-

Sl. No.	Name of Post (Group wise)	Present position (as on 31.3.2020)		
		Sanctioned post	Filled	Vacant
1	Group A	77	55	22
2	Group B	308	182	126
3	Group C	756	376	380
4	Group D	216	137	79
	TOTAL	1357	750	607

Another important statistical information is given below –

No. of head of offices	No. of Circles	No. of Divisions			No. of Forest Ranges	No. of Forest Beats
		Territorial	Wildlife	Total		
25	05	10	4	14	71	211





## 2. STATE PROGRAMMES

### 2.1 Green Mizoram Programme

It was launched in the year 1999 over deep concern about the continuous depletion of vegetation due to various biotic pressures. Apart from organized Mass tree planting by various agencies on Green Mizoram day, a number of seedlings of different tree species were distributed to various local stakeholders free of cost. Earlier, Green Mizoram Day had been observed in the month of June, and actual date had been decided by the State Level Green Mizoram Committee. However, from 2013 onwards, Green Mizoram Day is fixed to be observed on 11<sup>th</sup> June and since then, it has been observed on 11th June of every year.

Achievement under this programme for the year 2019 is reproduced below-

Year	No of seedlings planted	No of seedlings distributed	Total
2019	15142	82051	97193

Achievement since inception (1999) is reproduced below-

Year	No of seedlings planted	No of seedlings distributed	Total
1999-2019	1646289	2235963	3882252







Children happily participating in GMD at Lungsan, Tlabung Division

## 2.2 Fire Prevention Programme

Due to prevalence of traditional shifting cultivation, fire outbreak during Jhum burning is a common phenomenon in the state. Besides, other biotic pressures cause forest fire during dry season. Deeply concerned about destruction and degradation of forest due to fire, State Government constituted State Level Committee on Fire prevention under the chairmanship of Hon'ble Chief Minister in the year 2000 in order to frame policy to minimize the occurrence and impact of forest fire to be implemented by District level committee. Important strategies applied include Mass awareness campaign, fixation of Jhum burning day, Felicitation of best performing District/Village etc. Observance of Fire Prevention Week is a regular phenomenon during 1st or 2nd week of February every year wherein mass awareness campaigns are organised throughout the state as per programmes chalked out by all District Level Fire Prevention Committees.



Pu Lalchamliana, Hon'ble Home Minister inaugurating Fire Prevention Week 2020



Students taking Fire Prevention pledge, Khawzawl



Awardees of State level and District level Fire Prevention award, 2019 are reproduced below-

### State Level Awardees

Position & Name of District	Items of Awards
1 <sup>st</sup> Prize – Champhai District	Rs 50,000 + Khitea Running trophy + Certificate
2 <sup>nd</sup> Prize – Lawngtlai District	Rs 30,000 + Certificate
3 <sup>rd</sup> Prize – Kolasib District Mamit District	Rs 20,000 + Certificate



State Level Fire Prevention Award 2019



Village level fire prevention awareness

### District Level Awardees

Sl. No.	Name of District	Name of Village		
		1st Prize (Rs 50,000 + Certificate)	2nd Prize (Rs 30,000 + Certificate)	3rd Prize (Rs 20,000 + Certificate)
1	Aizawl District	Maubuang	Chhuanthar Tlangnuam	Phulpui





2	Kolasib District	Khamrang	North Chhimluang	North Hlimen
3	Serchhip District	Keitum	Leng	Chhingchhip Mualpui
4	Mamit District	Reiek	Pukzing	South Sabual
5	Lunglei District	Zobawk South	Darzo	Tawipui south
6	Champhai District	Biate	Khawbung South	Neihdawn
7	Siaha District	Saikao	Theiri	Chapi
8	Lawngtlai District	Vawmbuk	Lawngtlai College veng	Saizawh East

### 3. CENTRALLY SPONSORED SCHEMES (CSS)

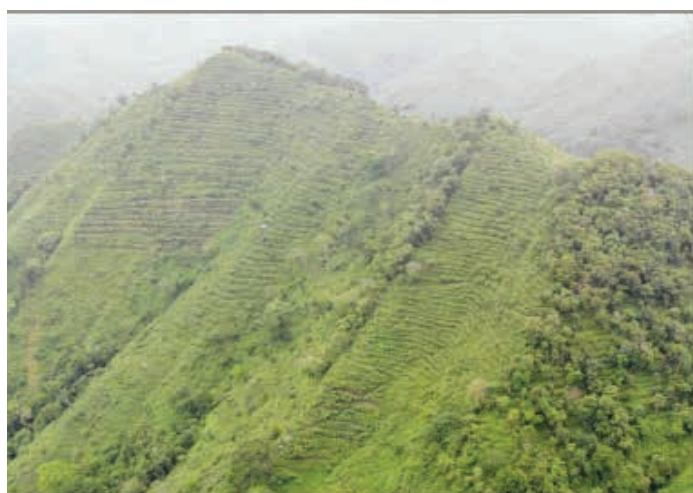
#### 3.1 Green India Mission (GIM)

National Mission for a Green India or the commonly called Green India Mission is one of the eight missions of National Action Plan on Climate Change. The mission goals include –

- To increase forest/ tree cover.
- To improve forest quality
- Eco-restoration of scrub/shifting cultivation areas
- To improve/ enhance eco-system services like carbon sequestration, hydrological services and biodiversity etc.

Financial achievement during 2019-2020 in tabulated below.

Name of schemes	Amount utilised (in lakh rupee)		
	CSS	SMS	Total
Green India Mission	1770.901	196.77	1,967.67



Eco-restoration of degraded open forest at Pawm-hmawk ram, Chhawrtui



Eco-restoration of degraded open forest at Parhmawi ram, Pawlrang





### 3.2 Forest Fire Prevention And Management Scheme (FFPMs)

This scheme focuses on Forest fire and its related issues. Main activities include–  
i) Engagement of fire watchers (ii) Creation and maintenance of fire lines (iii) Controlled burning (iv) Awareness campaign (v) Field patrolling etc.

Financial Achievement during 2019 – 2020 is tabulated below.

Name of schemes	Amount utilised (in lakh rupee)		
	CSS	SMS	Total
FFPMs	108.12	12.01	120.21



### 3.3 Project Tiger

Mizoram has one Tiger Reserve known as ‘Dampa Tiger Reserve’ since 1994 with an area of 1,033 sq km (including buffer zone). Main activities carried out in this area include – i) Anti poaching patrolling (ii) Fire prevention activities (iii) Establishment of animal rescue and rehabilitation Centre (iv) Habitat improvement (v) Assistance to jhum cultivators in fringe villages to create permanent farm land (vi) Fostering tourism by organizing nature camp (vii) Awareness campaign (viii) Research & field equipment (camera trap, compass/ range finder) etc.





Financial achievement during 2019-2020 in given below.

Name of schemes	Amount utilised (in lakh rupee)		
	CSS	SMS	Total
Project Tiger (Dampa)	337.70	37.52 (not yet sanctioned)	337.70 (375.22 with SMS)



Camera trap photos at Dampa Tiger Reserve



Temporary shelter constructed by patrolling squad



Waterfall @ Dampa Tiger Reserve

### 3.4 Integrated Development of Wildlife Habitat (IDWH)

There are 9 Protected Areas in Mizoram which receive funding support under this scheme (2 National Parks and 7 Wildlife Sanctuaries). They are –

Sl No	Name of Protected Areas	Area (in sq km)	Controlling officer
1	Phawngpui National Park	50	Deputy Conservator of Forests, Chhimtuipui Wildlife Division,
2	Ngengpui Wildlife Sanctuary	100	
3	Murlen National Park	100	Divisional Forest Officer, Khawzawl Wildlife Division
4	Lengteng Wildlife Sanctuary	60	

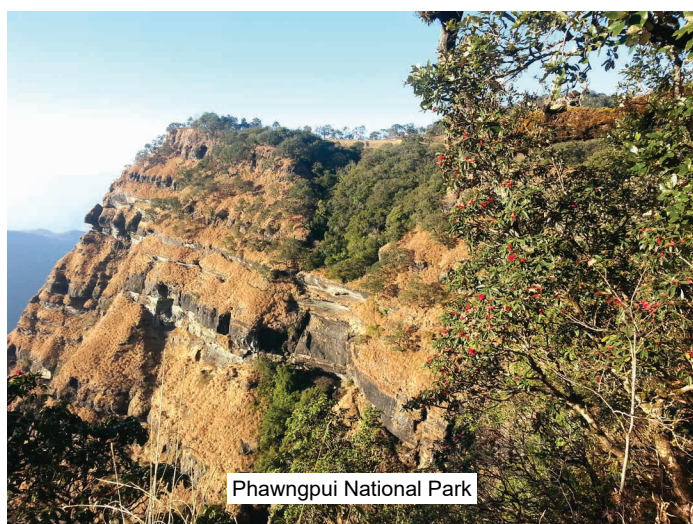


5	Khawnglung Wildlife Sanctuary	35.75	Deputy Conservator of Forests, Aizawl Wildlife Division
6	Tawi Wildlife Sanctuary	35	
7	Thorangtlang Wildlife Sanctuary	50	
8	Pualreng Wildlife Sanctuary	50	
9	Tokalo Wildlife Sanctuary	250	District Council Conservator of Forests, Siaha

Main activities in this protected areas include – (i) Anti poaching patrolling (ii) Fire Prevention activities (iii) Habitat improvement (iv) Awareness campaign (v) Research and field equipment etc.

Financial achievement during 2019-2020 in given below.

Name of schemes	Amount utilised (in lakh rupee)		
	CSS	SMS	Total
IDWH	431.79	47.97	479.76



Phawngpui National Park



Patrolling duty, Pualreng Wildlife Sanctuary



Poacher detected by camera trap



Kalij Pheasant, Tawi Wildlife Sanctuary



Porcupine, Pualreng Wildlife Sanctuary





Civet cat, Thorangtlang



Male Sambar Deer, Khawnglung Wildlife Sanctuary

### 3.5 National Plan for Conservation of Aquatic Ecosystem (NPCA)

Two wetlands viz. Tamdil and Palak (Pala) are included. Main activities in this scheme include – (i) Fire Prevention activities in catchment areas (ii) Patrolling path (iii) Watershed Management including removal of silt and other unwanted materials (weeds etc) and construction of check dams (iv) Eco-tourism activities like nature trail/ trekking, boating (v) Assisted natural regeneration in catchment area etc.

Financial achievement during 2019-2020 in given below.

Name of schemes	Amount utilised (in lakh rupee)		
	CSS	SMS	Total
NPCA	192.2895	21.3655	213.65



Mechanical removal of silt at Tamdil



Manual removal of garbage at Tamdil



Birds eye view of Tamdil



Tamdil forest interpretation centre



Palak (Pala) lake



Watch tower at Palak lake



### 3.6 National Afforestation Programme (NAP)

Under NAP, plantations have been raised more than 63,000 hectares since 1998 under people's participation through Village Forest Development Committees (VFDCs). However, during 2019-2020, there was no financial achievement since Govt of India did not release fund during this year though all mandatory documents have been submitted. However, APO for the year 2020 – 2021 has already been submitted. Physically, nurseries and maintenance of plantations.







## 4. ZOO/ DEER PARK

### 4.1 Aizawl Zoological Park (as on 31.3.2020)

No of animal Species	Total no of Animals	No of new born	No of animals died	No of exotic animals
29	198	18	5	50 (all birds)

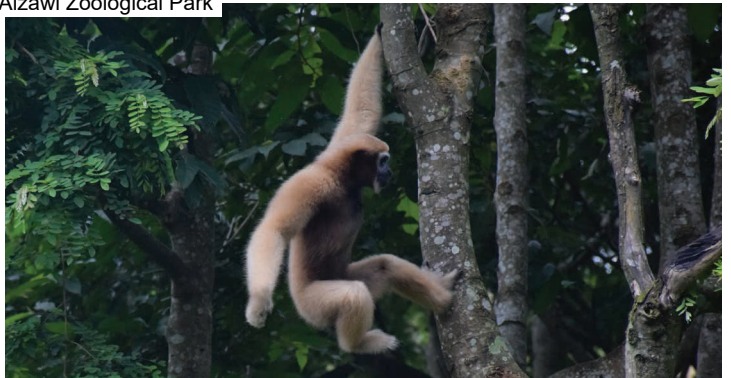
Total no of staff	Total no of visitors	Revenue earned	Construction/ Renovation during 2019-2020
25	36943	Rs 4,66,440	13 buildings/ enclosures



Sulphur Crested Cockatoo



Some animals of Aizawl Zoological Park





## 4.2 Deer Park, Thenzawl

No of Deers as on 31.03.2020			No of visitors	Revenue earned
Male	Female	Total		
5	9	14	2856	Rs 28,560



## 5. TRAINING & EXTENSION ACTIVITIES

### 5.1 Forest Training School

EF&CC department is equipped with Forest Training School (FTS) at Bethlehem Vengthlang since 1974 [Earlier called Mizoram Forest School; then Forest Education & Research Institute (FERI) and then Forest Training School (FTS)] headed by DCF/DFO level officer. Achievement during 2019-20 is tabulated below-

Name of Course	No. of Trainees	Remarks
6 months compulsory training course for Frontline Staff	1. Forest Guards - 27 2. Demonstrator - 05 (From LR, S&WC Dept.)	All the trainees passed out on 31.08.2019

For the first time in the history of the department, the above trainees participated at Independence day parade 2019 in 'Unarmed Category'.







## 5.2 Extension activities

Forest Extension Division headed by DCF/DFO is entrusted to deal with publicity of departmental activities for Conservation of Forests and Wildlife. Quite a number of awareness raising materials like pamphlets, notebooks, slogan poster calendars, folders etc and also prepared short video clips on and disseminated through electronic and media including whatsapp, facebook and youtube.

Some of the achievement during 2019-20 is tabulated below-

Sl. No.	Item	Physical Achievement	Financial Achievement (Rs. in lakh)
1	Forest Khawvel (Quarterly Magazine)	12,000 copies	2.28
2	Poster Calendar 2020 (Bearing different wildlife of Mizoram)	3,572 copies	3.5
3	Note pad (Bearing State insignia, pictures and slogans)	5,000 nos.	1.00
4	Envelope (on the occasion of Fire Prevention Week 2020)	10,000 nos.	0.50
5	Banner (World Forestry Day 2020)	10 nos.	0.12
6	Leaflet (World Forestry Day 2020)	5,600 copies	0.28
7	Pen (Bearing awareness Slogan)	5,000 nos.	0.36
8	Video clip (Fire Prevention Awareness, 76 seconds)	1 no.	0.3
9	Video clip (Wildlife conservation awareness, 103 seconds)	1 no.	0.25







## 6. FOREST CONSERVATION CELL

### 6.1 Pending Forest Clearance

Number of Pending Forest clearance application as on 31.03.2020 is reproduced below-

No of pending cases	Status/Reasons for pending				
	Under examination	Pending at UA (Applicant) level	Pending due to system error	Pending at state govt.	Pending at regional office Shillong
16	01	09	04	01	01

### 6.2 Private Timber operation under Working Plan.

Private timbers (mostly teak) have been harvested, transported and exported as per approved Working Plan and guidelines issued by competent authority from time to time. Timber export from Mizoram through Rail-wagon during 2019-2020 as under-

Sl. No.	Period of allotment	No. of wagon allotted	No. of wagon waded	Quality of Timber transported (cum)	Remarks
1	29.11.2018 to 31.05.2019	84	84	3,254.28	





2	31.01.2020 to 31.03.2020	588	on-going	22,673.112 (expected)	Could not be completed in time due to the outbreak of COVID-19
	TOTAL	672	-	-	



Timber stacks at Bairabi



Loading of Timber at Rail wagon

## 7. CAMPA (Compensatory Afforestation Management and Planning Authority)

During 2019-2020, APO amounting to Rs. 2,129.84 lakh was sent to Govt. of India. However, it was not approved due to time constraint and other factors. Hence, this amount is added up in the APO of 2020-2021

## 8. STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) AND STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC)

SEIAA is a Central Government Authority which acts on behalf and reports to MoEF&CC. SEIAA is authorised to issue Environment Clearance (EC) on behalf of MoEF&CC in selected Projects. SEAC is a recommending body who examine projects and gives recommendation to SEIAA.

List of applications received for EC and granted/pending since 2015 till 31.03.2020 is as below-

No. of EC applications received	No. of EC granted	No. of EC pending		
		Pending applicant level	Pending at SEAC	Pending at SEIAA
13	03	08	02	-

## 9. REVENUE COLLECTED

Total Revenue Collected during 2019-2020 was Rs. 4,59,28,066.00. Division wise revenue collection is tabulated below-

Sl. No.	Name of Forest Division	Revenue Collected during 2019-2020
1	Kolasib Forest Division	18,630,723.00



2	Aizawl Forest Division	8,060,419.00
3	Tlabung Forest Division	7,533,654.00
4	Mamit Forest Division	2,918,358.00
5	Kawrthah Forest Division	2,712,382.00
6	Lunglei Forest Division	2,628,103.00
7	Thenzawl Forest Division	2,129,104.00
8	Champhai Forest Division	1,865,984.00
9	Dampa Tiger Reserve	6,24,400.00
10	N. Vanlaiphai Forest Division	5,51,051.00
11	Aizawl Wildlife Division	4,77,870.00
12	Darlawn Forest Division	4,35,108.00
13	Forest Extension Division	54,710.00
14	Chhimtuipui Wildlife Division	53,295.00
15	Khawzawl Wildlife Division	47,760.00
	<b>TOTAL</b>	<b>48,722,921.00</b>



## 10. STATE BOARD FOR WILDLIFE (SBWL)

SBWL is chaired by Hon'ble Chief Minister and Chief Wildlife Warden is the member secretary. It consists of 31 members from various corners- state legislature, NGOs, environmentalists, various government departments and representative from Govt. of India.

8<sup>th</sup> meeting of SBWL was convened on 13<sup>th</sup> March, 2020 at Chief Ministers' Conference Hall. Decisions taken are-

- i) SBWL recommended to grant Wildlife Clearance for diversion of Protected Area (Tawi Wildlife Sanctuary) for Alternate Gravity Water Supply Scheme to be carried out by PHED.
- ii) Compensation claimed for human death due to Bee attack was approved to be compensated.
- iii) Proposal for creation of animal corridor (particularly for serow, the state animal) at the highway of Durtlang to enable animals to cross the highway was approved.





## 11. MIZORAM STATE BIODIVERSITY BOARD (MSBB)

MSBB is chaired by Hon'ble Minister of EF&CC and Chief Warden is the member secretary. The board constituted Biodiversity Management Committee in every local bodies within the state of Mizoram, both in rural as well as in urban.

- i) So far 893 BMCs have been constituted.
- ii) Preparation of Peoples' Biodiversity Register (PBR) have been started. So far five PBRs have been completed during 2019-2020.
- iii) International Day for Biological Diversity is observed every year on 22<sup>nd</sup> May by organizing workshop, painting/quiz/photography competition to create awareness.
- iv) Also occasionally organized training for BMC members, discussion programmes etc to spread awareness.

## 12. WILDLIFE COMPENSATION

During 2019-2020, an amount of Rs 6,82,000.00 (Rupees six lakh eighty two thousand only) has been paid as wildlife compensation throughout the state. Details are tabulated below-

S N	Name of Forest Division	No. of Claims	Total Amount paid
1	Aizawl Forest Division	01	9,680.00
2	Lunglei Forest Division	01	18,585.00
3	Champhai Forest Division	07	32,500.00
4	Kolasib Forest Division	06	25,500.00
5	Thenzawl Forest Division	08	66,495.00
6	Chhimtuipei Wildlife Division	08	25,917.00
7	Mamit Forest Division	07	57,304.00
8	Darlawn Forest Division	28	1,21,164.00
9	Kawrthah Forest Division	13	78,345.00
10	N. Vanlaiphai Forest Division	02	12,772.00
11	Tlabung Forest Division	01	2,00,000.00
12	Dy. Conservator of Forests (WL), Aizawl	13	29,738.00
	Total	95	6,82,000.00

## 13. EF&CC DEPARTMENT IN EMPLOYMENT GENERATION

Every year, EF&CC department generates seasonal and semi-permanent employment to local people all over the state from various state and central schemes being implemented. Some activities which provide employment are tabulated below-

S N	Activities	Estimated employment generated during 2019-2020 (in mandays)	Remarks
1	Seed collection	5,000	



2	Site preparation for nursery bed	25,000	
3	Filling of polybags with soil	28,000	In this particular work, mostly women are employed since they are ideal for the work.
4	Transplanting of seedlings from germination bed to polybags	25,000	In this particular work, mostly women are employed since they are ideal for the work.
5	Survey, demarcation and site preparation for plantation sites	35,000	
6	Transportation and planting of polypot seedlings to plantation sites	30,000	
7	Weeding of plantations (3 times a year)	1,05,000	
8	Fireline cutting and maintenance	15,000	
9	Fire watchers	7,500	In most of the forest divisions, LLTFs/VLTFs are given in order to have a symbolic relation. LLTFs/VLTFs utilised the cash on fighting COVID-19 and at the same time, they acted as fire watchers/volunteer whenever required.
10	Wildlife guard/ Anti-pouching squad	1,26,290	Around 346 locals are being employed in all the 10 protected areas.
	<b>TOTAL</b>	<b>4,61,790</b>	

Total estimated number of employment generated during 2019-2020 is 4,61,790 mandays whose monetary value is equal to Rs. 17,54,80,200 (Rupees seventeen crore fifty four lakh eighty thousand and two hundred only) as per minimum wages prevailing in the state (rs 380.00 per manday).



Some employment generating activities





Some employment generating activities

## 14. SPECIAL REPORT DURING LOCKDOWN DUE TO COVID-19

During the eve of lockdown and actual lockdown period, the duty of forest officers and staff increased to manifolds. So many miscreants took this as chances to commit various forests and wildlife offences like illegal felling/sawing of timber, hunting, poisoning and killing of fishes using Gelignite (blasting gelatin)/Dynamo/Battery etc. and to cause forest fires. Forest officers and field staff tried their best to curb these illegal activities, and seizures made during this short period (March 15-April 25, 2020) are reproduced below-

S N	Seized articles	Quantity	Remarks
1	Smoked Sambar meat (Sazuk sa rep)	-	Compounded on payment of Rs 25,000.00
2	<b>Guns</b>		Kept in the custody of DFO/DC/Police
	1. Guns for hunting big animals	19	
	2. Airgun	11	
	Total	30	
3	Sawn timber	852 Cft.	Case compounded
4	<b>NTFP (Non-Timber Forest Produce)</b>		Case compounded
	1. Bamboo	600 Nos	Kept in EF&CC custody
	2. Homalomena (dry) (Anchiri)	118 kg (4 bags)	







During these days, important works like fire protection duty, nursery works including seeds collection, patrolling duty along rivers and inside forest areas etc are required to be performed, and the department is proud to have such officers and field staffs who selflessly rendered all their energy towards conservation and protection of forests and wildlife.

Moreover, some of our department staff are members of VLTF/LLTF and even some of our officers are appointed as incident commander, thereby playing active role in fighting against COVID-19. EF&CC department gave donations from various level to different levels as tabulated below-

S N	Donor	Amount/ Quantity	Recipients
1	IFS Officers	Rs. 93,000	CM Relief Fund
2	Mizoram Forest Service Association	Rs. 1,33,000	CM Relief Fund
3	Champhai Forest Division	1. Rs. 4,28,880 2. Rice 8 bags 3. Vegetables	VLTF, DLTF & PPE Volunteer
4	Khawzawl Forest Division	Rs. 10,000	VLTFs
5	N. Vanlaiphai Forest Division	Rs. 1,40,000	VLTFs
6	Kolasib Forest Division	Rs. 3,58,000	VLTFs
7	Thenzawl Forest Division	Rs. 2,60,000	VLTFs
8	Aizawl Forest Division	Rs. 36,000	VLTFs/ LLTFs
9	Darlawn Forest Division	Rs. 1,70,000	VLTFs
10	Tlabung Forest Division	Rs. 12,000	VLTFs
11	Mamit Forest Division	Rs. 3,21,000	VLTFs
12	Kawrthah Forest Division	Rs. 2,20,000	VLTFs
13	Lunglei Forest Division	Rs. 2,000	VLTFs
Total Donation		1. Rs. 21,83,880	
		2. Rice 8 bags	
		3. Vegetables	







## 15. ALL INDIA FOREST SPORTS MEET - 2020

25<sup>th</sup> All India Forest Sports Meet - 2020 was held during 3<sup>rd</sup> - 7<sup>th</sup> March, 2020 in Bhubaneswar in which 22 participants from Mizoram bagged 11 medals (2 Gold, 6 Silver and 3 Bronze) as tabulated below-

Medal	Name of medal winners	Designation	Discipline & Category
Gold	C Lalbiaka IFS	DCF (W/L)	Badminton Senior Vet. Doubles
	R Kawlkunga	ACF	
Gold	Lalrinpuui	Superintendent	Table Tennis Sr. Vet. Doubles
	Lalbiaknungi	Statistical Inspector	
Silver	JH Laltharliani	UDC	Carrom Women open
Silver	Jerry Lallawm-sanga	LDC	Shooting
Silver	C Vanlalruata	F/G	Table Tennis Single open
Silver	Josef Lalnunma-wia	F/G	Power lifting
Silver	H Lalrinawmi & C Vanlalruata	M/R M/R	Table Tennis Double open
Silver	JH Laltharliani & Irene Lalhrui-tluangi	UDC FG	Carrom Women Double
Bronze	Laltanpuia	MR	Badminton Open single
Bronze	C Vanlalruata F/G & F Lalhriat-tira F/G	F/G F/G	Table Tennis open
Bronze	Lalrinawmi	MR	Table Tennis Women open



Participants from Mizoram