

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
SOUTHERN ZONE, CHENNAI

Application No. 107 of 2017(SZ)

Mr. Antony Clement Rubin,
Flat No. 35, Block 3,
Priyadarshini Apartments,
89, Barakka Road,
CHENNAI 600 012

... Applicant

Versus

State of Tamil Nadu,
Through the Chief Secretary,
Government of Tamil Nadu,
Namakkal Kavignar Maaligai,
Fort St. George, CHENNAI 600 009 & 4 ors

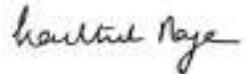
... Respondents

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Certified the copies of the documents are true copies

Dated at Chennai this 27th day of October , 2020



COUNSEL FOR 2nd RESPONDENT

M/s MENON, KARTHIK, MUKUNDAN
& NEELAKANTAN,
Advocates
Counsel for 2nd Respondent

From: residents-bounces@list.iitm.ac.in <residents-bounces@list.iitm.ac.in> on behalf of Registrar <registrar@iitm.ac.in>
Sent: Monday, September 14, 2020 2:30 PM
To: faculty@list.iitm.ac.in; staff@list.iitm.ac.in; residents@list.iitm.ac.in
Subject: [Residents] CIRCULAR-CUM-NOTICE - Feeding of Free-Ranging Dogs & Registration of Pet animals on the Campus – Reg.

CIRCULAR-CUM-NOTICE dtd. 14.09.2020

The NGT in its order dtd. 26.02.2020 has appointed a Permanent Committee consisting of (i) Faculty member of Environmental Discipline from IIT Madras (ii) Wildlife Warden of National Park, Guindy, and (iii) Senior Officer from Tamil Nadu Pollution Control Board to monitor the activities of the solid waste management and garbage disposal particularly with respect to plastic waste management and protection of wildlife inside the IIT Madras campus. The Committee will monitor periodically and submit their report to the NGT once in six months.

Now the NGT Nominated Permanent Committee in its meeting held on 17.04.2020, 31.07.2020 & 07.09.2020 directed the Estate Officer to issue the following notice/circular to the Campus Community including residents, students/scholars, employees, vendors, visitors, etc. for compliance.

The Committee discussed the issues related to free-ranging dogs and the protection of wildlife on the campus and directed that the following measures are to be implemented.

1. Feeding of Free-Ranging Dogs on Campus:

- Feeding of free-ranging dogs should be restricted only to the feeding sites which have been constructed in the following five locations at Academic, Hostel, and Residential Zones.
 1. Behind the Himalaya Mess (HZ)
 2. Near Biotechnology Department (AZ)
 3. Near New Academic Complex (AZ)
 4. Adyar Avenue opposite to 'D' Type Quarters (RZ) and
 5. Out-Gate near Water Tank (RZ).
- Feeding of free-ranging dogs should be restricted only within the dog feeding sites available at these five locations at a designated time, i.e., twice a day (6.30 a.m to 8.30 a.m and 5.30 p.m to 7.30 p.m). The dogs are to be fed with **pelleted dog food** and fresh water.
- Feeding of free-ranging dogs in any other location on the campus is strictly prohibited. Residents/students who are interested in feeding dogs are encouraged to handover pelleted dog foods to the authorized person appointed by the Administration or come to the designated feeding points at the indicated timings. They can visit the dog feeding zone and can ensure that the dogs are fed adequately by the Institute/authorized agency appointed by the Institute.
- This will come into force w.e.f **15.09.2020**.

2. Registration of pet animals with Estate Section:

- All pets owned or maintained by the Residents shall be registered along with the name of the licensee and the address of the allotted quarters with Estate section. The pet owners shall maintain medical records showing vaccination and other treatments.
- The registration form shall include the details of Breed, Sex, Age, De-worming, Vaccination (Date & sticker), medical prescription/treatment taken, pets license, Signature of the Veterinarian, and other relevant documents, etc.
- Further, as per AWBI, it is also advised that Pet owners have to ensure that their pets are not a source of nuisance to others and also to ensure that the pets are healthy and clean. The pet owners should be responsible for maintaining cleanliness when the pet defecates in public premises. The pet owners should keep the pets within their premises without creating any disturbance to the neighbours or others. Your pets may be strictly kept on a leash in public places. Feeding pet animals outside your premises is strictly

prohibited.

- Visitors coming from outside the campus to meet residents are not allowed to bring pets with them.

In view of the above, the Estate Officer prohibits the unauthorized feeding of free-ranging/stray dogs at any other location/time on campus. The licensee who has pets in their residences are advised to register the details of their pet(s) in the enclosed form along with all relevant documents with the Estate Section (estate@iitm.ac.in) on or **before 30.09.2020**.

The residents may register their complaints on nuisance by pet animals/non-compliance with the feeding regulations with the Security Section through email (secsec@iitm.ac.in) or over phone (044-2257 9999). In case of any violation of the above order, it will be treated as a nuisance to the public and will be punishable with a fine, and it will also be treated as a commission of a breach of rules as per the Estate Rules/Rules and Regulations of Hostel Residents of IIT Madras.

Sd/-

Estate Officer

On Thu, Sep 17, 2020 at 6:17 PM Registrar <registrar@iitm.ac.in> wrote:

Circular-cum-Notice dtd. 17.09.2020

In continuation to the Circular-cum-Notice issued dated 14.09.2020 and subsequent requests and inputs from various interested parties, the NGT Nominated Permanent Committee had an interim meeting on 16th September 2020. The following amendments to the Circular-cum-Notice are made based on the outcome of the Permanent Committee meeting, to regularize the dog feeding inside the IIT Madras campus.

1. The following additional 9 (nine) dog feeding locations are included to the existing list:
 - Near MOH (D1) – Madras Avenue
 - Near Community Hall
 - Near Stadium entrance on Delhi Avenue
 - Between Sharavathi (SFC) and DOMS
 - Near OAT
 - Between Mandakini and Mahanadi
 - Near Quark (Opposite to Saraswati)
 - Between Brahmaputra and Tapti
 - Near OWZONE shed (Velachery Gate)
2. The Institute will provide feeding platforms (2' x 2' feet) and a drinking water pot in each feeding location. A signboard will be provided near the feeding locations for easy identification.
3. It was also decided to permit cooked fresh food in addition to pelleted feed to feed the dogs.
4. The residents who are interested to feed the dogs shall register as Institute dog feeders with the Estate Section and provide details regarding days, place of interest and quantity of feed for efficient management of dog feeding.
5. The other residents have to co-ordinate with the Institute dog feeders to feed the dogs so that food wastage/incidents of not feeding can be avoided.
6. The Institute dog feeders have to wait until the food is completely eaten by the dogs and the feeders are responsible for cleaning the feeding point and keeping them tidy.
7. The feeding time shall be 06.30 a.m to 08.30 a.m & 06.30 p.m to 08.30 p.m.
8. If any help is required regarding the feeding of dogs or handing over of the dog feed, the residents can call Mr.Sathish Kumar – 9500408595. If there is no response, the residents may call the duty room of the Institute Security section – 044 2257 8280 to get in touch with Mr.Sathish Kumar.
9. After one month of monitoring and depending upon the outcome, if required, the committee will suitably modify the dog feeding regulations.
10. The residents can send their suggestions and feedback on the above subject by email to ngtpciitm@gmail.com

This issues with the approval of the NGT nominated Permanent Committee.

Sd/-
Estate Officer

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INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Minutes of 5th Special meeting (2nd interim meeting) of NGT nominated Permanent Committee held on 03.10.2020 (Saturday) @ 11 a.m. through Video Conference

Members present:

Prof. Ligy Philip, Environmental Engg, IIT Madras – Member
Smt. C. H. Padma, I.F.S, Wildlife Warden, Chennai – Member
Smt. R. Sarasavani, JCEE, TNPCB, Chennai – Member

Prof. Ligy Philip welcomed all the members to the Special Meeting. The special meeting was called based on the request of faculty representatives' to discuss the serious issue of stray dogs and dog feeding locations.

The meeting was conducted in two sessions.

I. With the faculty representatives

The concerns of the faculty members were represented by Prof. Ashok Jhunjunwala, Institute Professor, IITM and Prof. V.Srinivasa Chakravarthy, Dept. of Biotechnology, IITM

II. With the invitees

Dr. Jane Prasad, Registrar, IIT Madras, Prof. R G. Robinson, Chairman (EU), IIT Madras and Sri. K. Narayanaperumal, AEE, IIT Madras, who attended both the meetings.

The Registrar had issued a circular-cum-notice dated 14.09.2020 for the feeding of stray dogs and registration of pet animals along with the location of 5 feeding locations as directed by the NGT nominated Permanent Committee. Based on the requests and inputs from various interested parties, the amendment to the first circular-cum-notice dtd. 14.09.2020 was issued on 17.09.2020, informing the additional nine dog feeding locations, which are added to the existing list on one-month observation basis and providing fresh cooked food in addition to the pelleted feed for the free-ranging dogs.

After the issue of the amendment circular dtd. 17.09.2020, there was an immense opposition and serious concern from the faculty members thro' residents email against the additional feeding locations notified. The faculty representatives Prof. Ashok Jhunjunwala and Prof. V. Srinivasa Chakravarthy had requested a meeting with the NGT Nominated Permanent Committee members. The committee had agreed to the request and invited them to share their views and opinions on managing the stray dogs within the campus on 3rd October 2020 at 11.00 a.m.

Due to growing number of incidents of stray dog bites/chasing/scratching complaints from the residents and students and the increase in the number of deer/blackbuck deaths due to stray dog attacks, Prof. Ashok Jhunjunwala and Prof. V. Srinivasa Chakravarthy had consolidated all the complaints submitted by the faculty members.

Prof. Ligy Philip
Member

Smt. R. Sarasavani,
Member

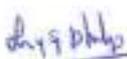
Smt. C.H. Padma, IFS
Member

Accordingly, the faculty representatives submitted the following and pleaded for necessary action on stray dog issues.

1. Prof. Ashok Jhunjunwala, Institute Professor, briefed the concerns of the faculty with respect to the stray dog issues in the campus. He has also shared some of the incidents that happened and witnessed by him to the committee. He informed that he himself was intimidated by a pack of ferocious stray dogs many times, and most of the time he could not step down from the car for fear of getting bitten and chased. He also recounted that the cry of a dying deer, especially in the early morning when it was being chased/hunted by the feral dogs is unnerving.
2. As a resident who has lived on the campus for 40 years, he said that the stray dog menace has been severe on campus over the past two-three years, mainly due to the sudden increase in the number of stray dogs that have been let loose into the campus.
3. He also added that children could not play in the evening as a group of dogs chases them, and motorists are being chased by a pack of dogs until they go out of their sight. The residents are furious about the increase in the feeding locations on campus. He informed that as a senior faculty of the Institute, he took the initiative to address the issue as the faculty have become very restive and are furious.
4. The voting among faculty members about the opinion on feeding locations and stray dog issue was obtained by him. As a result, about 98% of faculty members are against the increase in feeding locations. About 400 faculty members participated in the survey, and almost all of them have agreed to the following resolution, and only one faculty did not support the resolution.

In addition to the above, the following points were also highlighted before the committee by the faculty representatives:

5. Visiting faculty and students from foreign countries have raised serious concern over the dog menace. It adversely affects the reputation of the Institute, which is ranked No.1 in the country and indirectly affects the reputation of our Nation also.
6. IIT Madras has been granted the position of 'Institute of Eminence,' and it is expected that more number of foreign faculty and students will visit and stay on campus in the coming years. If this dog menace continues, it will give us negative feedback among the foreign faculty and students. It will severely affect our Institute reputation among world-class Institutions. Now, we are working to improve our standards to world-class levels and secure the top position in world ranking. These aspects are to be considered by the committee and NGT while making the decision about the stray dog issue.
7. Students, residents and kids are put under great pressure due to the constant fear of stray dogs and it becomes life-threatening.


Prof. Ligy Philip
Member

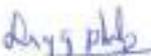

Smt. R. Sarasavani,
Member


Smt. C.H. Padma, IFS
Member

8. The faculty members also feel that the working environment has become highly unsafe due to the steep increase in the stray dog population.
9. The faculty members are deeply saddened by the endless Deer and Blackbuck deaths due to stray dogs attack.

Finally, Prof. Ashok Jhunjhunwala had requested the NGT nominated Permanent Committee with folded hands to do something to figure out the issue before it boils over. The dog menace has been a severe threat to the campus residents, and it is an alarming situation that needs immediate attention. Prof. Ashok has summarized the following resolution that needs to be taken care of by the committee:

- a. The number of free-ranging stray dogs on campus should not exceed a number that will disrupt normal teaching and R&D activities on campus without the constant fear of being chased or bitten. The dogs are found in classrooms, labs and corridors of the Departments. The barking and growling of the dogs disturbed the academic atmosphere in the class and labs.
- b. Every stray dog should be caught, sterilized and electronically tagged. The dog pack leaders should be identified and segregated in cages.
- c. The unauthorized feeding of dogs other than at the designated feeding locations to be strictly monitored and action to be taken against those who transgress under Estate Rules and Service Rules and they should be sent out of campus.
- d. If any outsourced Security Guard/other outsourced staff feeds the dogs or are clandestinely used for feeding of dogs they should be sent out immediately from the campus and in case of permanent Security personnel/employees, action to be taken as per the Service Rules and Estate Rules.
- e. If anybody violates the dog feeding norms or bringing unauthorized dogs from outside the campus should be sent out of the campus as per the Service Rules and Estate Rules.
- f. Number of feeding locations to be significantly reduced to 3 to 4 points, as most of the additional feeding points are located where human footprint is high and it would create man-animal conflicts. Only 3 to 4 feedings sites are adequate to feed the dogs. As per the preliminary survey result only 20% of dogs are coming to the feeding sites for food.
- g. Any feeding outside the designated spots should be banned, and if violated, should lead to the ouster of the feeder from the campus.
- h. The ferocious amongst them should be kept in a dog-enclosure to ensure the safety of deer and people.
- i. New stray dogs should be prevented from entering the campus and if they slip in or are dropped off surreptitiously, they should be identified through the missing electronic tag and relocated out of the campus at a suitable location(s) approved by the NGT. Over time, this will reduce the stray dog menace on campus and allow the deer/blackbuck population to recover from the alarmingly low levels they have reached now.
- j. Academic Zone should be free from stray dogs. No feeding locations at Academic Zone.

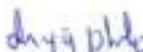

Prof. Ligy Philip
Member


Smt. R. Sarasavani,
Member


Smt. C.H. Padma, IFS
Member

Subsequently, Prof. R. G. Robinson, Chairman (EU) has made a presentation to the committee and faculty representatives on action plan related to managing the free-roaming dogs on IIT Campus, in response to the representation, updates on the status of activities by the animal welfare agency appointed for managing the free-roaming dogs, some observations/data obtained so far and advice requested from the committee (vide PPT enclosed in the Annexure 1). The important points highlighted in the presentation are given below.

S.No	Representation of the faculty	Proposed Action Plan
1	Number of free-ranging stray dogs on campus should not exceed a number that will disrupt normal activities on campus without the constant fear of being chased or bitten. Every stray dog should be caught, sterilized and electronically tagged.	All Street dogs in the campus will be, sterilised, vaccinated and electronically tagged (microchip).
2	The ferocious amongst them should be kept in a dog-enclosure to <u>ensure safety for deer and people.</u>	Feral dogs will be isolated as per AWB norms
3	The free-ranging dogs must be fed at the minimum required locations (not exceeding three) on the campus by those who wish to do it. Any feeding outside the designated spots should be banned, and if violated, should lead to ouster of the feeder from the campus.	Initially, 5 feeding points were made with enclosures. However, based on the recommendation of the permanent committee, additional 9 feeding points were identified. It was also recommended to review the feeding locations after one month. Data on number of dogs coming to each feeding location is being collected.
4	New stray dogs should be prevented from entering the campus and if they slip in or are dropped off surreptitiously, they should be identified through the missing electronic tag and re-located out of the campus at suitable location(s) approved by the NGT. Over time, this will reduce the stray dog menace on campus, and allow the deer/blackbuck population to recover from the alarming low levels they have reached now.	(i) Entry of new dogs into the campus will be prevented through physical barriers and Security. Physical barrier with cattle trap/revolving gate with barricading was provided in Velachery Gate. Same will be done in other gates. (ii) Abandoning of pet dog by residents or outsiders inside the campus should be prohibited. (iii) Committee's advice is requested to deal with the issue of relocating new stray dogs.


Prof. Ligy Philip
Member


Smt. R. Sarasavani,
Member


Smt. C. H. Padma, IFS
Member

- The increased number of feeding points are temporary. It will be suitably modified after one-month of field observation.
- Briefed about the complete stray dog management process including survey, scheduled feeding at designated locations, catch the dogs in batches, examine, implant microchip, treat sick dogs, isolate feral dogs as and when identified, ARV for all dogs, ensure ABC, update database & documentation, release normal dogs to its original location, conduct continuous survey, auditing domestic and free roaming dogs, etc.
- It was also presented on various infrastructure facilities created such as treatment room, fenced open yard, enclosures for sick and dogs under treatment and facilities at feeding points.
- It was also highlighted about the preliminary data dog population/distribution and feeding pattern across the campus
- Further, advise is requested from the committee on the following:
 - Dealing with unauthorized feeding
 - Dealing with new dogs entering the campus
 - Reducing the number of feeding locations
 - How to prevent other animals eating supplied food in the open feeding point?
 - Any additional data required?
 - Any other advice to improve the action plan

After hearing the deposition from Prof. Ashok Jhunjhunwala and Prbf. V Srinivasa Chakravarthy and noting the intervention made by the Administration, the Wildlife Warden had explained and suggested the following:

1. IIT Madras Administration had done tremendous work on dealing with the stray dogs issue on the campus for the last one year.
2. She also added that IITM was unable to relocate the stray dogs on campus due to Supreme Court order.
3. The Security personnel at the gates should check all the vehicles and the storage especially the boot space, while entering the campus. Strict monitoring at the gates and restriction on the entry of anymore new stray dogs into campus by the Security Guards is crucial to prevent the stray dogs entry and thereby its increase on campus.
4. Wildlife Warden drew the attention of the additional feeding location on the maps and she pointed out that these locations are in the areas of deer and dog overlap zone. Hence, it was necessary to have a feeding point there. She said that it was done on a trial and error method and after getting feedback on the number of dogs taking food at these locations, the number of feeding locations actually required will be arrived at accordingly.
5. Campus wildlife watch groups should be formed to monitor and report unauthorized feeding at undesignated locations. The Committee members also agreed that such violations should be dealt with Service Rules and Estate Rules of the Institute. The Campus Wildlife Watch Committee will act as the Sub-Committee of the Permanent Committee, and the names and report of the committee will be submitted in the next meeting.



Prof. Ligy Phillip
Member



Smt. R. Sarasavani,
Member



Smt. C.H. Padma, IFS
Member

6. To prevent Spotted Deer's and Blackbucks feeding on leftover feed supplied to stray dogs, which would lead to infections, the feeding points shall be cleaned by removing the leftover food.

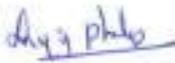
Finally, 1st session of the meeting was ended with a vote of thanks to the faculty representatives. The Committee members expressed their views on the importance of community participation to effectively manage the stray dog menace and to protect the wildlife on the campus.

Minutes of the meeting of the 2nd Session:

The Committee confirmed the minutes of 4th meeting held on 07.09.2020 (Monday) at 02.30pm. Further, a detailed presentation was made before the committee, regarding various actions taken on monitor, rescue and rehabilitation of free-roaming dogs on the campus (vide PPT enclosed in Annexure 2). The Committee has noted the same.

After detailed deliberations on the representation made by faculty representatives and review of the action taken report, the committee has recommended the following:

- i) Registrar, IIT Madras will take necessary action on the following;
 - a. Estate Officer and Administration are authorized to penalize and take suitable action as per the provisions of Estate Rules and Service Rules against violators of Campus Environment & Wildlife Policy. As per Estate Rules/Service Rules and circular-cum-notice published, action to be taken against unauthorized feeding/non-registration of pets.
 - b. Estate Officer shall send a circular to residents once again to register for pet animals.
 - c. Dog feeders are allowed to register with the Estate Section. Dog feeders must be the resident of the campus. No outsiders are allowed to feed the dogs and register as dog feeders, even the employees/students/Project Staff staying off-campus.
 - d. Abandoning of pet dogs by residents or outsiders inside the campus should be strictly prohibited. If anyone found bringing dogs into the campus from outside, the Estate Officer and Administration can take action as per the Estate/Service Rules.
 - e. No new stray dogs to be permitted, and strict vigilance to be enforced at the gates. If anyone violates the norms, necessary action should be taken. Security Guards are empowered to check all the vehicles at the entry, especially storage and boot space.
 - f. Campus wildlife life monitoring groups comprising faculty, staff, and the student shall be formed with suitable terms of reference. The group shall act as a sub-committee to the Permanent Committee. Registrar will suggest the names of members to be on the Sub-Committee which will be placed for ratification in the subsequent sitting of the NGT Permanent Committee.

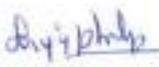

Prof. Ligy Philip
Member


Smt. R. Sarasavani,
Member


Smt. C.H. Padma, IFS
Member

- ii) The feeding locations will be reviewed in the next meeting scheduled to be on 24.10.2020. The feeding locations will be reduced/modified based on the feedback of the AWBI agency. Unused or less used feeding points may be closed after collecting data and obtaining approval from the committee members by circulation through email.
- iii) The entry of new dogs into the campus shall be prevented through physical barriers and Security. Physical barrier with cattle trap/revolving gate with barricading as provided in Velachery Gate shall be done in other gates. The design may be suitably modified as per the site conditions.
- iv) Stray dogs that are ferocious/old/blind/sick should be isolated in the shed.
- v) The stray dogs newly entered from outside the campus should be sent out and the security to be tighten at gates.
- vi) Bio-medical waste from the stray dog treatment room shall be disposed through TNPCB authorized vendor who is already doing bio-medical waste disposal at Institute hospital.
- vii) Dog adoption strategy may be considered and implemented by the Institute as a long-term plan.

The next meeting of the committee will be conducted on 24th October 2020 at 04.30 PM.


Prof. Ligy Philip
Member


Smt. R. Sarasavani,
Member


Smt. C.H. Padma, IFS
Member



Managing Street Dogs on IIT Madras Campus

Date: 03-10-2020

Scope of the Presentation

- Details on action plan related to managing street dogs on IIT Campus, in response to the representation by the faculty members
- Updates on the status of activities by the agency appointed for managing street dogs
- Some observations/data obtained so far
- Advice requested from the committee

Representation of the Campus Community & Proposed Action Plan

S.No	Representation of the faculty	Proposed Action Plan
1	Number of free-ranging stray dogs on campus should not exceed a number that will disrupt normal activities on campus without constant fear of being chased or bitten. Every stray dog should be caught, sterilized and electronically tagged.	All Street dogs in the campus will be, sterilised, vaccinated and electronically tagged (microchip).
2	The ferocious amongst them should be kept in a dog-enclosure to <u>ensure safety for deer and people.</u>	Feral dogs will be isolated as per AWB norms

Representation of the Campus Community & Proposed Action Plan

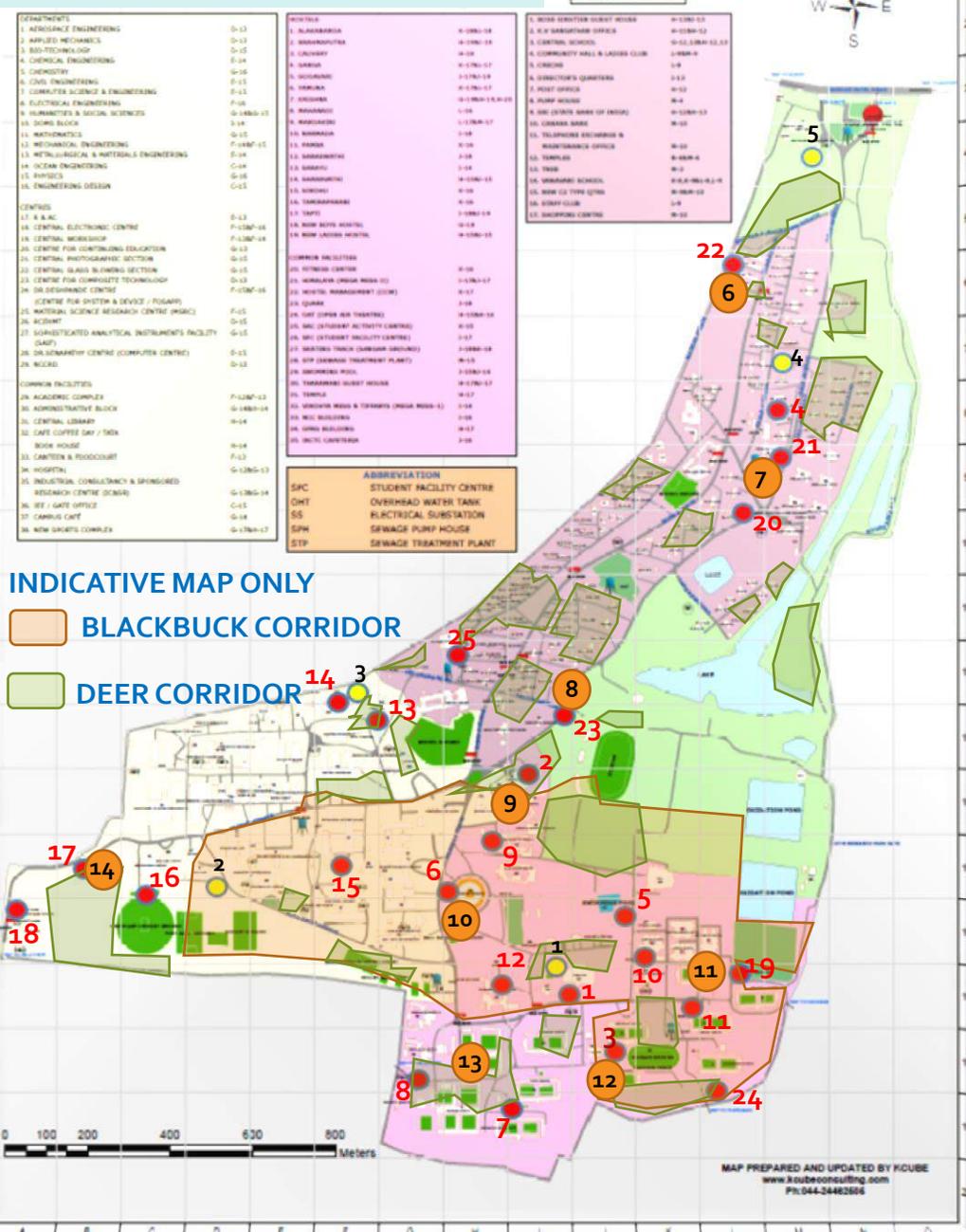
S.No	Representation of the faculty	Proposed Action Plan
3	<p>The free-ranging dogs must be fed at the minimum required locations (not exceeding three) on the campus by those who wish to do it. Any feeding outside the designated spots should be banned, and if violated, should lead to ouster of the feeder from the campus.</p>	<p>Initially 5 feeding points were made with enclosures. However, based on the recommendation of the permanent committee additional 9 feeding points were identified. It was also recommended to review the feeding locations after one month. Data on number of dogs coming to each feeding location is being collected.</p>

Representation of the Campus Community & Proposed Action Plan...

S. No	Representation of the faculty	Proposed Action Plan
4	<p>New stray dogs should be prevented from entering the campus and if they slip in or are dropped off surreptitiously, they should be identified through the missing electronic tag and re-located out of the campus at suitable location(s) approved by the NGT. Over time, this will reduce the stray dog menace on campus, and allow the deer/blackbuck population to recover from the alarming low levels they have reached now.</p>	<p>(i) Entry of new dogs into the campus will be prevented through physical barrier and Security. Physical barrier with cattle trap/revolving gate with barricading was provided in Velachery Gate. Same will be done in other gates.</p> <p>(ii) Abandoning of pet dog by residents or outsiders inside the campus should be prohibited.</p> <p>(iii) Committee's advice is requested to deal with the issue of relocating new stray dogs.</p>

Some Updates (Preliminary)

Feeding Points



S. No	Originally planned Location	Requested by Friends of Animals@IITM	Additional location recommended by the Permanent Committee
1	Behind the Himalaya Mess (HZ)	Himalaya (Front)	
2	Near Biotechnology Department (AZ)	DOMS	
3	Near New Academic Complex (AZ)	Near Quark	
4	Adyar Avenue opposite to 'D' Type Quarters (RZ)	Near C1-7-13	
5	Out-Gate near Water Tank (RZ)	Near Swimming pool	
6		Near OAT	Near MOH (D1) – Madras Avenue
7		Near Brahmaputra	Near Community Hall
8		Near Krishna	Near Stadium entrance
9		Near Sharavathi SFC	In between Sharavathi SFC and DOMS
10		Behind Sindhu	Near OAT
11		Near Jamuna Busstop	Between Mandakini and Mahanadi
12		Near TGH rear side	Near Quark (Opposite to Saraswathi)
13		Behind Hospital	Between Brahmaputra and Tapti
14		Near NAC	Near Owzone shed (Velachery Gate)
15		Behind MSB	
16		Near Chemplast	
17		Near Velachery Owzone shed	
18		Velachery Gate Busstop	
19		Behind Mandakini	
20		Infront of Bg-8	
21		Behind Community hall	
22		Near MOH (D1)	
23		Near Stadium	
24	17	Near Taramani Gate	
25		Behind KV Sangathan (Madras Av)	

AWB authorised agency Identified:
M/s Jeeva Karunya Animal Welfare Trust (JKAWT)
(Started the work from 15th Sep 2020)

Team

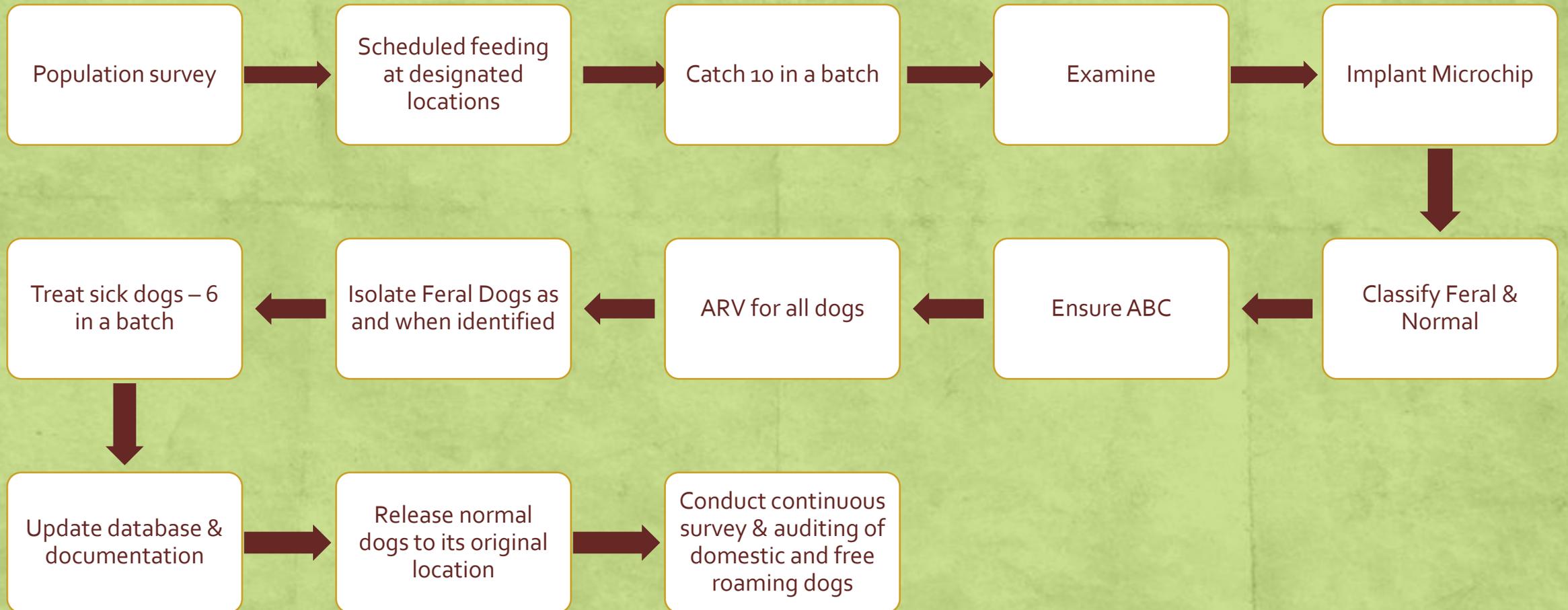
- Ms. Shoba. C – Managing Director
- Dr.Valli.V – Veterinary Surgeon
- Ms. Shree Varsha.M.S – Project Coordinator
- Mr. Murugan.V – Assistant
- Mr. Siva.S – Dog catcher
- Mr. Chandru – Dog keeper
- Mr. Satheesh Kumar.P – Driver
- Ms. Nershlin Dani – Volunteer

Scope of Work by the Agency

- Survey of dog population in the campus (15 days)
- Microchip implantation, sterilization and vaccination of all dogs
- Identification and separation of the feral dogs, as per AWB recommendations
- Treating sick dogs
- Feeding the dogs at the designated locations

Duration: Two months from 15th Sep 2020.

Stray Dog Management Process



Data to be submitted by the agency

- ID_No.
- Date
- Zone
- Latitude
- Longitude
- Behavioural observation-whether Feral
- Colour
- Breed
- Sex
- Age
- Weight
- Disease if any
- Feeding Point
- ABC date
- ARV date
- Microchipping details
- Date of Quarantine
- Date of release, etc.

Facilities Provided by IITM to the agency

Treatment Room near STP



Open yard for isolation of feral dogs (near STP)



Post-treatment room near STP

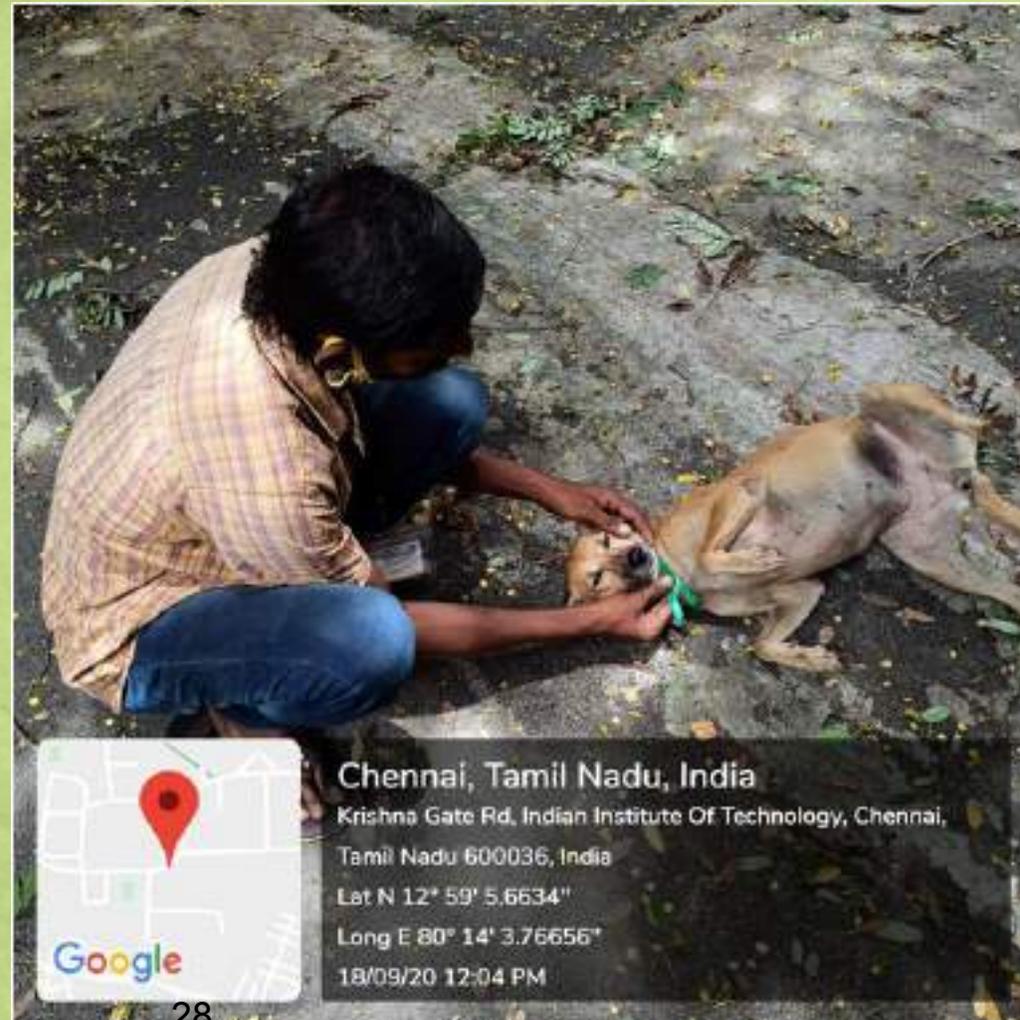


Isolation units for dogs under medical treatment (near IITM RP ramp)



Preliminary Observation/data

Friendly Approach by the agency:



Friendly Approach by the agency:



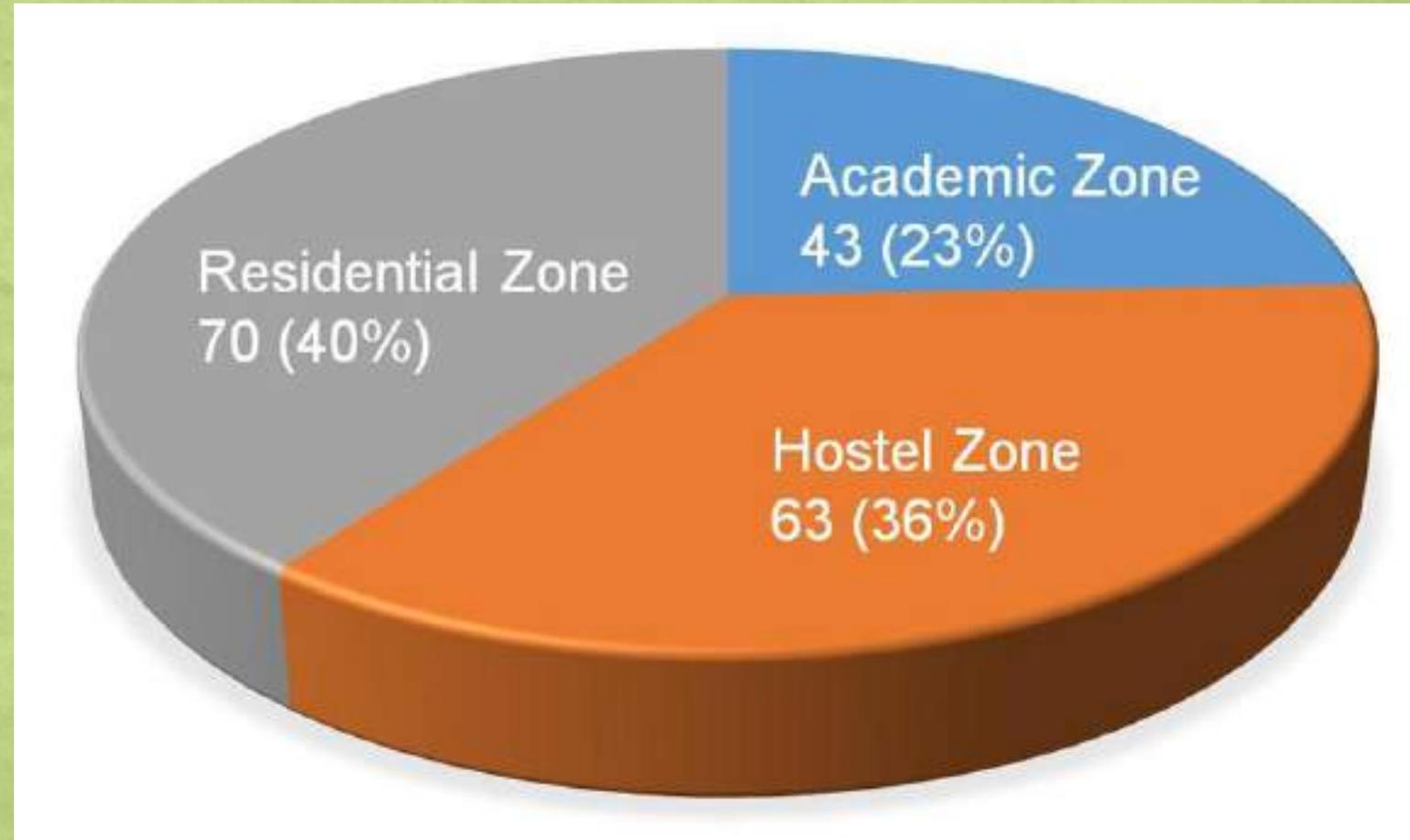
Medical treatment of a sick dog

Suspected Feral



Street Dog: Population (Approximate)

Total – 176 dogs
About 70 are friendly



Typical feeding photos



Near Jamuna Hostel



Near Saraswathi Hostel



Cleaning of slab

Challenges: Other animals consuming the food



Opened the bottom to allow dog entry and prevent deer entry—EU is monitoring the performance

What to do with the 9 open feeding points?

Number of dogs took food from 8 AM to 12 noon on 02-10-2020

S. No	Location	Number of dogs
1	Behind the Himalaya Mess (HZ)	2
2	Near Biotechnology Department (AZ)	2
3	Near New Academic Complex (AZ)	3
4	Adyar Avenue opposite to 'D' Type Quarters (RZ)	1
5	Out-Gate near Water Tank (RZ)	5
6	Near MOH (D1) – Madras Avenue	1
7	Near Community Hall	4
8	Near Stadium entrance	1
9	In between Sharavathi SFC and DOMS	2
10	Near OAT	5
11	Between Mandakini and Mahanadi	2
12	Near Quark (Opposite to Saraswathi)	3
13	Between Brahmaputra and Tapti	3
14	Near Owzone shed (Velachery Gate)	1
	Total	35

- Only 20% of the dogs ate food in the designated locations. The reason could be due to feeding at the unauthorised locations
- As the number of dogs that fed is less, the quantity is now reduced

How to stop unauthorised feeding?

Advice is requested on:

- Dealing with unauthorised feeding
- Dealing with new dogs entering the campus
- Reducing the number of feeding locations
- How to prevent other animals eating in the open feeding point?
- Any additional data required?
- Any other advice to improve the action plan



IIT MADRAS
Indian Institute of Technology Madras

Thank You

Monitor, Rescue and Rehabilitation of Free Roaming Dogs at IIT Madras



Background

- As recommended by the NGT nominated permanent Committee, reducing Deer / Blackbuck mortality rate due to Dog bite is one of the important items
- It was also suggested that AWBI recognized agency to be entrusted for promoting animal welfare and the activities relating to stray dogs.
- Accordingly, with the approval of the Committee, M/s Jeevakarunya Animal Welfare Charitable Trust has been appointed as Consultant to take care of the free roaming dogs, feeding dogs, isolate feral dogs, conduct ABC, ARV, Microchipping, *etc.*

Sample photographs showing free roaming Dogs in Academic Zone



NCCRD: National Centre for Combustion Research Department ;
 MDS: Machine Design Section
 HTML Lab : Hudro Turbo Machines Lab
 BSB: Building Science Block
 CRC: Class Room Complex
 OLD CHEMISTRY: Department of Chemistry
 BIO1 – Department of Bio-Technology
 ESB: Electrical Science Block
 CSD: Deshpande Centre for Communication Networks
 EDB: Engineering Design Block
 Hospital : Institute Hospital
 MRI & MRS : Magnetic resonance imaging -
 Magnetic resonance studies

Sample photographs showing free roaming Dogs in Hostel Zone



RP – Research Park Road

Sample photographs showing free roaming Dogs in Residential Zone – Quarter Nos.



Stray Dog Feeding

- Cooked fresh food is being served to all stray dogs
- As approved by the Committee, feeding is done at only 14 designated locations
- Observers are posted to collect data such as feed consumption (Scale - 100%, 75%, 50%, 25% & 0%), Deer eating dog feed, number of dogs fed at each location, photograph for identification and time of feed consumed.

Dog identification & electronic tagging

- All dogs were photographed
- As suggested by M/s Jeevakarunya Animal Welfare Charitable trust, implantable microchips have been ordered and expected to be delivered by today.

Agreement with animal welfare agency (JKAWT)

The project envisages, three components

- Preparation of detailed report.
- Execution of the project as per the DPR pilot phase.
- Recommendation to IIT Madras to consider it as a long term project to address this issue on a permanent basis – way forward.
- Duration of the project – 2 months
- Date of start : 15-09-2020

Agreement with JKAWT...

- The agency conducts a reconnaissance survey of the roaming and feral dogs and its pack.
- The survey will be undertaken under the direct supervision of a veterinary Surgeon.
- The entire team will be involved in the survey to find out the root cause of the problem.
 - To find out the details of feral dogs, its size and composition.
 - To find out their behavior, habitat, population dynamics, disease transmission, and its mobility.
 - To ascertain the source of new dogs entering into the dog population.

Agreement with JKAWT...

- Towards the end of the survey a report will be submitted to IIT Madras. The time taken to complete this process will be about 15 days.
- Once the number of feral and stray dogs is ascertained, they will be caught by the trained dog catchers and kept for observation.
- They will be segregated according to their behavior as feral dogs and stray dogs as per AWB guidelines.
- They will be further taken for treatment such as vaccination, ABC surgery, deworming, micro chipping etc.

Agreement with JKAWT ...

- They will be rehabilitated as per AWB guidelines.
- It will take 45 days to complete this phase. The entire process will be documented with photographs and the same will be submitted to IIT M towards end of the second month.
- Indian Institute of Technology Madras campus is a sprawling area with diverse flora and fauna population. The project has to be taken up with utmost care without disturbing the peace and serenity of the campus by strictly adhering to the norms of the campus. It is highly critical in an environment of this nature by not alarming the wild animals and without hindering the movement of inmates.

Agreement with JKAWT...

- The feeding will be provided to dogs as per the survey in the designated places or places identified for this purpose.
- All the clinical procedures will be carried out as per AWB guidelines.
- The agency will arrange for the safe transportation of dogs in the prescribed cage as per AWB guidelines.
- Once the project is initiated the agency will closely monitor deer bite/death due to feral dogs and take remedial measures then and there.

Action taken as recommended by the NGT nominated Committee

- The agency has completed the reconnaissance survey
- Unofficial Dog feeding locations of more than 25 places have been reduced to 14 places after considering Deer-Dog-Human conflicts.
- Continuous observation is being done, to ascertain Dog movement and territory and further reduce the number of feeding location.
- Dog feeding has started at designated locations
- Process has been set in place to register other Institute Dog Feeders
- Process has been set in place to register domestic pets owned by the campus residents
- Bringing in any new dogs into the campus without permission is strictly prohibited

Action taken ...

- Process has been initiated to carryout implant microchip procedure
- Microchip & RFID readers were expected to be delivered by 2nd Oct'2020
- Medicines, Vaccination and other Consumables for treatment and sterilizing have already been procured
- Medical equipment and accessories are already brought by the JKAWT
- A Refrigerator has been provided to store medicines
- Water feeding pot and small slab has been provided in all approved dog feeding locations
- Installation of CCTV is in process to monitor all Dog feeding points and treatment units and open yard enclosure near STP and IITM RP ramp
- Cattle traps and fencing at all main entry gates to prevent new dog entry. Taramani & Mandakini gate also will be provided with the same
- **All necessary Infrastructure has been provided by EU in a very short notice**

Dog Feeding



Proposed further actions

STEP 1

- Capturing of dogs in batch wise and transporting to Open Yard near STP. Territory wise batch numbering & data entry. Feral dog behavior observation – 10 in a batch, Treatment – 6 in a batch

STEP 2

- Examination and classification of captured dogs as normal /feral / diseased /wounded by the Veterinary doctor.

STEP 3

- Veterinary doctor will carry out the ARV and microchipping procedure simultaneously. Following this, dogs will be verified for ABC. If not done, ABC will be done by the Veterinarian prior to ARV

Proposed further actions

STEP 4

- After treatment, diseased and wounded dogs will be shifted to the shed near IITM RP ramp for further observation

STEP 5

- Behavioral observation of the feral dogs will be continued by the field team throughout the project period and necessary exercises, treatment and a complete body check up will be performed.

STEP 6

- After rehabilitation, the treated normal dogs will be reported to the location from where it was captured. Feral Dogs will be isolated as recommended by the Committee at open yard

Suggestions required

- Dog Adoption Strategy.

Thank you

Photographs on Dog Bite – Deer Deaths















