

Recognized by NCTE / Affiliated to the TamilNadu Teachers Education University Re-Accredited by NAAC  
College Code - 12306

## **Key Indicator – 6.2 Strategy Development and Deployment**

**Metric No. 6.2.1 – The Institutional Strategic plan is  
effectively deployed**

**Documentary evidence in support of the claim**



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### 6.2.1 Deployment of Strategic Plan

- **Scholastic Area – ICT Integration – Swayam Certificates**
- **Non Scholastic Area – Strengthening extension services – NSS Activities**
- **Administrative Plan – GO green Campus – Pollution Free Environment Certificate.**

*A. Jayaram*  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALLUR-631 203

## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

**P. Anusuya**

*for successfully completing the 2 credit course*

**Basic Concepts in Education**

*with a consolidated score of 83%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TN01070338

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	53	100	83



J. B. Nadda  
National Coordinator  
Consortium for Educational Communication (CEC),  
New Delhi



Dr. T. Dharmaraj  
Controller of Examinations (in-charge)  
Madurai Kamaraj University  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALLUR-631 203



## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

*N. Ayishaparveen*

*for successfully completing the 2 credit course*

*Basic Concepts in Education*

*with a consolidated score of 72%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TND1070456

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	29	70	43	100	72



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Consortium for Educational Communication (CEC),  
New Delhi



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Dr. T. Dhairmaraj  
Controller of Examinations (i/c)  
Madurai Kamaraj University

## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to  
Blessy Kerzival. V  
for successfully completing the 2 credit course  
Basic Concepts in Education  
with a consolidated score of 61%  
from the evaluation based on continuous online assessments and the proctored  
examination held in month of February 2023.*



Roll No. : TN01070308

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	31	100	61



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Controller of Examinations (i/c)  
Madurai Kamaraj University



## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

**Deepak.S**

*for successfully completing the 2 credit course*

**Basic Concepts in Education**

*with a consolidated score of 59%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TN01070475

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	29	100	59



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*Ajay Feild*  
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Controller of Examinations (i/c)  
Madurai Kamaraj University

## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

**R. Gayathri**

*for successfully completing the 2 credit course*

**Basic Concepts in Education**

*with a consolidated score of 75%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TN01140006

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	29	70	46	100	75



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Madurai Kamaraj University



## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to  
Gunasundari S  
for successfully completing the 2 credit course  
Basic Concepts in Education  
with a consolidated score of 63%  
from the evaluation based on continuous online assessments and the proctored  
examination held in month of February 2023.*



Roll No. : TN15120188

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	29	70	34	100	63



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## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*  
**Herlin Priscilla I**  
*for successfully completing the 2 credit course*  
**Basic Concepts in Education**  
*with a consolidated score of 61%*  
*from the evaluation based on continuous online assessments and the proctored*  
*examination held in month of February 2023.*



Roll No. : TN01030484

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	29	70	32	100	61



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Controller of Examinations (Co)  
Madurai Kamaraj University

## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

***K.Indhumathi***

*for successfully completing the 2 credit course*

***Basic Concepts in Education***

*with a consolidated score of 58%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TN01010350

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	28	100	58



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Controller of Examinations (I/c)  
Madurai Kamaraj University





## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to*

*Indirani .C*

*for successfully completing the 2 credit course*

*Basic Concepts in Education*

*with a consolidated score of 82%*

*from the evaluation based on continuous online assessments and the proctored examination held in month of February 2023.*



Roll No. : TN01140029

*This course was offered by Dr. S. Prakash of Madurai Kamaraj University, Madurai*

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	29	70	53	100	82



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National Coordinator  
Consortium for Educational Communication (CEC),  
New Delhi



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Controller of Examinations (i/c)  
Madurai Kamaraj University



# INDHIRA COLLEGE OF EDUCATION (12306)

No.1 V.G.R Gardens, V.G.R.Nagar, Pandur, Thiruvallur-631203.

## NATIONAL SERVICE SCHEME ACTION TAKEN REPORT

  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALLUR-631 203



Date : 15.08.2020  
Place : Gudiyam Village, Uthukottai Taluk, Thiruvallur District.  
Programme Category : Community Engagement

We are happy that we were able to serve the needy people through our NSS unit of Indhira College of Education. We felt that medical analysis for the tribal people is the need of the hour in this COVID-19 pandemic. Hence we conducted a medical camp on 15.08.2020 for the tribal people of Gudiyam Village.

Dr. Solomon and his team graced the occasion and carried out the medical camp. Our heartfelt appreciation and gratitude goes to him for his extraordinary service rendered. 167 tribal people were benefitted.

We take the pride that we were the first to conduct the medical camp in that village. We are happy that we could reach them for medical services, where nobody else has conducted.



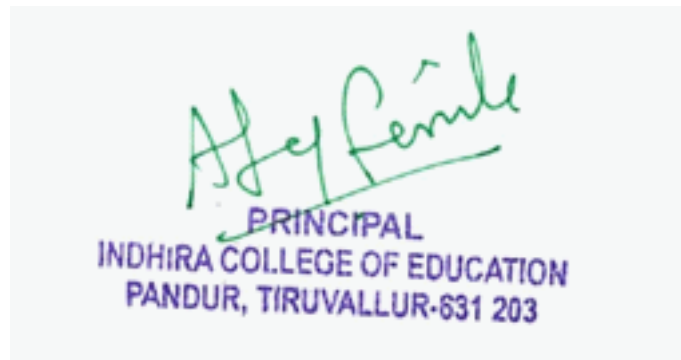
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INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALLUR-631 203

Date : 17.08.2020  
Place : District level webinar  
Programme Category : Swachhta & Health

We the Indhira College of Education in the motto of creating awareness on Fundamental duties of every citizen organized a District level webinar. Prospective Teachers were the target people who had the privilege of witnessing the presentations of Tr. Selvanadhan ,Principal District Judge, Thiruvallur District,

Tmt. Saraswathi, Secretary/ Senior Civil Judge, DLSA Thiruvallur District and Prof.Udayakumar, Guest lecturer of Tamil Nadu Dr. Ambedkar Law University.

Ample inputs on fundamental duties of every citizen to uphold and protect the Sovereignty, Unity and Integrity of India was made known to the future teachers, Students participated enthusiastically and raised their doubts. Doubts were clarified by the honorable Judges. Vote of thanks was delivered by Dr.Radhika Vidyasagar, Principal, Indhira College of Education, Thiruvallur District. The total beneficiaries were 98 teacher educators.



Ajeeyan  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
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Date : 18.08.2020  
Place : Gudiyam Village, Uthukottai Taluk, Thiruvallur District.  
Programme Category : Community Engagement

We the NSS unit of Indhira College of Education is actively engaged in the extension activities serving the community. As a part our service, we distributed a bag containing essential provisions for a week to overcome their hunger fast due to their lockdown of COVID - 19.

We were able to serve 62 families in the Gudiyam village. It is an added pleasure to serve our adopted village people.

Date : 21.08.2020  
Place : Placepalayam, Thiruvallur District.  
Programme Category : Community Engagement

We the NSS unit of Indhira College of Education is actively engaged in the extension activities serving the community. As a part our service, providing basic educational kits to the needy children of a remote village gave us a rich experience of serving Placepalayam village children. 34 children of that village were provided with the stationery kits through our NSS unit. We are happy that we could serve them in this Covid-19 lockdown period.




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Date : 25.08.2020  
Place : Gudiyam, Thiruvallur District.  
Programme Category : Community Engagement

We the NSS unit of Indhira College of Education is actively engaged in the extension activities serving the community. As a part our service, distributed Provisions, Clothing and Food to 63 families of Gudiyam village through our NSS unit.

Date : 03.09.2020  
Place : Pandur, Thiruvallur District.  
Programme Category : Community Engagement

We the NSS unit of Indhira College of Education is actively engaged in the extension activities serving the community. As a part our service, Afforestation is the best service one do to this environment.NSS of Indhira College of Education has stepped in to serve the environment by planting 700 trees in and around Pandur village. These saplings would be planted this whole week from (1.09.2020 to 7.09.2020).



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Date : 07.09.2020  
Place : Varathapuram, Thiruvallur District.  
Programme Category : Community Engagement

Education brings out the hidden talents in a child and makes doing a good citizen of the country. Village are the back bone of our country and creating awareness among the rural children of villages is found to be essential and hence educational awareness was given to children of Varathapuram village by our staff team through NSS unit. Educational kit was also provided to Varathapuram children of that village.

Date : 10.09.2020  
Place : Placepalayam, Thiruvallur District.  
Programme Category : Community Engagement

Our motto is to reach out all the under privileged villages. in that way we the NSS unit Of Indhira college of Education stepped into the village of Placepalayam where the people suffer for their livelihood especially due to the lock down. We distributed a saree , Rice bags and food packets to all the families to meet out their needs.



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Date : 15.09.2020  
Place : Kattrayakunda, Thiruvallur District.  
Programme Category : Community Engagement

Food packets were distributed to the people of Kattrayakunda. This village is a place where there is no electricity and basic amenities till date. Helping and serving these people is worth doing and hence our NSS unit of Indhira College of Education carried out this distribution of food on 15.09.2020.

Date : 18.09.2020  
Place : Kuppathupalayam, Thiruvallur District.  
Programme Category : Community Engagement

Rice bags were distributed the poor people of Kuppathupalayam of 23 families through our NSS Unit of Indhira College of Education. People showed their gratitude and were happy. This service was carried out on 18.09.2020



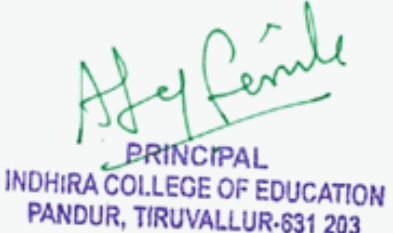
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Date : 21.09.2020  
Place : Indhira College of Education, Thiruvallur District.  
Programme Category : Community Engagement

Teenagers face lot of changes in their emotional and physical health. Girls of this age experience it more compared to boys. Menstrual cycle is their big head ache. Cleanliness and personal hygiene during their cycle is the significant factor to overcome many gynecological issues. Awareness programme was conducted by our NSS unit of Indhira College of Education to 30 no of teenagers (girls) and were issued organic napkin pads to overcome their struggles. In addition to it, this awareness programmed is planned to be conducted every week and 30 teenagers of various villages will be benefitted by this programme.

Date : 24.09.2020  
Place : Kuppathupalayam, Thiruvallur District.  
Programme Category : Community Engagement

Women care is our main care owing to their thought, we gave awareness to all ladies of a particular village (Kuppathupalayam), explained how to care their menstrual cycle, how to keep them clean and safe. they were also provided with hygiene care essential kit along with organic Napkins. NSS unit takes pride in serving ladies.



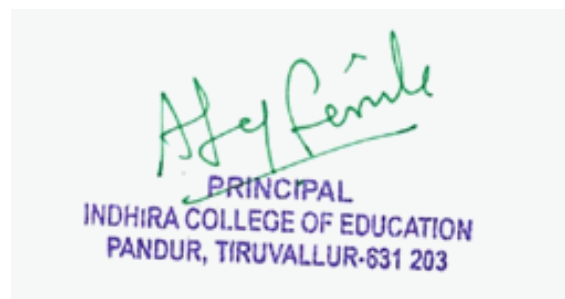
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Date : 26.09.2020  
Place : Kuppathupalayam, Thiruvallur District.  
Programme Category : Community Engagement

Food was distributed to the people of Kuppathupalayam. This village is a place where there is no electricity and basic amenities till date. Helping and serving these people is worth doing and hence our NSS unit of Indhira College of Education carried out this distribution of food.

Date : 24.09.2020  
Place : Kuppathupalayam, Thiruvallur District.  
Programme Category : Community Engagement

Women care is our main care owing to their thought, we gave awareness to all ladies of a particular village (Kuppathupalayam), explained how to care their menstrual cycle, how to keep them clean and safe. they were also provided with hygiene care essential kit along with organic Napkins. NSS unit takes pride in serving ladies.

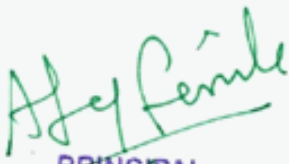


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Date : 30.09.2020  
Place : Mathakoil, Thiruvallur District.  
Programme Category : Community Engagement

Education brings out the hidden talents in a child and makes doing a good citizen of the country. Village are the back bone of our country and creating awareness among the rural children of villages is found to be essential and hence educational awareness was given to children of Mathakoil village by our staff team through NSS unit. Children's Day was celebrated in Mathakoil, Educational kit was also provided to Mathakoil children of that village.



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## Certificate



*This is to certify that Mr A Jayapaul of Indhira College for Education, Thiruvallur, Tamil Nadu, has successfully participated in the One-Day Swachhta Action Plan Online Workshop conducted on 31st July 2020 organized by Mahatma Gandhi National Council of Rural Education.*

**B S C Naveen Kumar**  
Resource Person MGNCRE

**T Sandhya**  
Mentoring Officer  
MGNCRE Swachhta Action Plan Project

**Mahatma Gandhi National Council of Rural Education**  
Department of Higher Education, Ministry of Human Resource Development  
Government of India

Certificate No. SAP-T10-208

**Programme Officer**  
**(A.JAYAPPAUL)**

**Principal**  
**(Dr.Radhika Vidyasagar)**

**PRINCIPAL**  
**INDHIRA COLLEGE OF EDUCATION,**  
**PANDUR, TIRUVALLUR-631 203**

Category of the Industry :

RED



CONSENT ORDER NO. 2204148882237 DATED: 27/12/2022.

PROCEEDINGS NO.T1/TNPCB/F.1632TLR/RL/TLR/W/2022 DATED: 27/12/2022

**SUB:** Tamil Nadu Pollution Control Board –CONSENT TO OPERATE –After CTE -M/s. INDIRA EDUCATIONAL AND CHARITABLE TRUST , S.F.No. 470/2,3, 471/2&3,464/2, 475, PANDUR village Tiruvallur Taluk and Tiruvallur District - Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

**REF:** 1. CTE Proc. No. T4/TNPCB/F.1632TLR/RL/TLR/W&A/2019 DATED: 04/10/2019  
2. Unit's application for CTO dated 15.11.2022  
3. IR.No : F.1632TLR/RL/AEE/TLR/2022 dated 28/11/2022  
4. Minutes of 303rd CCC meeting held on 22.12.2022 vide agenda item no. 303-1

CONSENT TO OPERATE is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Chairman & Managing Trustee,  
M/s . INDIRA EDUCATIONAL AND CHARITABLE TRUST  
S.F No.470/2,3, 471/2&3,464/2, 475,  
PANDUR Village,  
Tiruvallur Taluk,  
Tiruvallur District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2023

**RAGHAVAN SARASAVANI**  
Digitally signed by RAGHAVAN SARASAVANI  
DN: c=IN, o=TAMIL NADU POLLUTION CONTROL BOARD, ou=CHENNAI, postalCode=600032, st=Tamil Nadu, 2.5.4.20=2c576701e5c76f276bf57e5e978d79f9d21e983c0bf5f214ea203851a1616c8f, pseudonym=88300CC2354B600B37C4430F419E96C392BE9CDA, serialNumber=2FF49903A3E2BEB124BE83485E6D997ABC511BE524F925CF272F9742665180CD, cn=RAGHAVAN SARASAVANI  
Date: 2022.12.27 23:28:51 +05'30'

For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai

To  
Chairman & Managing Trustee,  
M/s.INDIRA EDUCATIONAL AND CHARITABLE TRUST,  
19, Govidan Street,  
Ayyavoo Colony,  
Aminjikarai,  
Chennai,

*Ajay Gamil*  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALLUR-631 203



Pin: 600029

**Copy to:**

- 1.The Commissioner, POONDI-Panchayat Union, Tiruvallur Taluk, Tiruvallur District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, TIRUVALLUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File

**SPECIAL CONDITIONS**


1. This consent to operate is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
<b>Product Details</b>			
1.	Hospital with 300 beds and with total builtup area	14443.16	Sq.mt.

2. This consent to operate is valid for operating the facility with the below mentioned permitted outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
<b>Effluent Type : Sewage</b>			
1.	Sewage - I	65.0	On land for gardening
2.	Sewage - II	47.0	Utilizing for Toilet flushing
<b>Effluent Type : Trade Effluent</b>			
1.	Trade effluent	5.0	After disinfection discharged to STP and combinedly treated effluent discharged on land for gardening

3. The effluent discharge shall not contain constituents in excess of the tolerance Limits as laid down hereunder.

  
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Sl. No.	Parameters	Unit	TOLERANCE LIMITS - OUTLETS -Nos				
			Sewage		Trade Effluent		
			2		1		
1.	pH		5.5 to 9		5.5 to 9		
2.	Temperature	oC	-		shall not exceed 5°C above the receiving water temperature		
3.	Particle size of Suspended solids	-	-		shall pass 850 micron IS sieve		
4.	Total Suspended Solids	mg/l	30		100		
5.	Total Dissolved solids (inorganic)	mg/l	-		2100		
6.	Oil & Grease	mg/l	-		10		
7.	Biochemical Oxygen Demand (3 days at 27oC)	mg/l	20		30		
8.	Chemical Oxygen Demand	mg/l	-		250		
9.	Chloride (as Cl)	mg/l	-		1000		
10.	Sulphates (as SO4)	mg/l	-		1000		
11.	Total Residual Chlorine	mg/l	-		1		
12.	Ammonical Nitrogen (as N)	mg/l	-		50		
13.	Total Kjeldahl Nitrogen (as N)	mg/l	-		100		
14.	Free Ammonia (as NH3)	mg/l	-		5		
15.	Arsenic (as As)	mg/l	-		0.2		
16.	Mercury (as Hg)	mg/l	-		0.01		
17.	Lead (as Pb)	mg/l	-		0.1		
18.	Cadmium(as Cd)	mg/l	-		2		
19.	Hexavalent Chromium (as Cr+6)	mg/l	-		0.1`		
20.	Total Chromium (as Cr)	mg/l	-		2		
21.	Copper (as Cu)	mg/l	-		3		
22.	Zinc (as Zn)	mg/l	-		1		
23.	Selenium (as Se)	mg/l	-		0.05		
24.	Nickel (as Ni)	mg/l	-		3		
25.	Boron (as B)	mg/l	-		2		
26.	Percent Sodium	%	-		-		
27.	Residual Sodium Carbonate	mg/l	-		-		
28.	Cyanide (as CN)	mg/l	-		0.2		
29.	Fluoride (as F)	mg/l	-		2		
30.	Dissolved Phosphates(as P)	mg/l	-		5		
31.	Sulphide (as S)	mg/l	-		2		
32.	Pesticides	mg/l	-				
33.	Phenolic Compounds (as C6H5OH)	mg/l	-		1		
34.	Radioactive materials a) Alpha emitters	micro curie/ml	-		10-7		
35.	Radioactive materials b). Beta emitters	micro curie/ml	-		10-6		


36.	Fecal Coliform	MPN/100ml	-	-		
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4. All units of the sewage and Trade effluent treatment plants shall be operated efficiently and continuously so as to achieve the standards prescribed in SI No.3 above or to achieve the zero liquid discharge of effluent as applicable.
5. The occupier shall maintain the Electro Magnetic Flow Meters/water Meters installed at the inlet of the water supply connection for each of the purposes mentioned below for assessing the quantity of water used and ensuring that such meters are easily accessible for inspection and maintenance and for other purposes of the Act.
  - a. Industrial Cooling, Spraying in mine pits or boiler feed.
  - b. Domestic purpose.
  - c. Process.
6. The occupier shall maintain the Electro Magnetic Flow Meters with computer recording arrangement for measuring the quantity of effluent generated and treated for the monitoring purposes of the Act.
7. Log book for each of the unit operations of ETP have to be maintained to reflect the working condition of ETP along with the readings of the Electro Magnetic Flow Meters installed to assess effluent quantity and the same shall be furnished for verification of the Board officials during inspection.
8. The occupier shall at his own cost get the samples of effluent/surface water/ground water collected in and around the unit by Board officials and analyzed by the TNPC Board Laboratory periodically.
9. Any upset condition in any of the plants of the factory which is, likely to result in increased effluent discharge and result in violation of the standards mentioned in SI. No.3 above shall be reported to the Member Secretary / Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.
10. The occupier shall always comply and carryout the order/directions issued by the Board in this Consent Order and from time to time without any negligence. The occupier shall be liable for action as per provisions of the Act in case of non compliance of any order/directions issued.
11. The occupier shall develop adequate width of green belt at the rate of 400 numbers of trees per Hectare.
12. The occupier shall provide and maintain rain water harvesting facilities.
13. The occupier shall ensure that there shall not be any discharge of effluent either treated or untreated into storm water drain at any point of time.
14. In the case of zero liquid discharge of effluent units, the occupier shall adhere the following conditions as laid under.
  - i). The occupier shall ensure zero liquid discharge of effluent, thereby no discharge of untreated / treated effluent on land or into any water bodies either inside or outside the premises at any point of time.
  - ii) The occupier shall operate and maintain the Zero liquid discharge treatment components comprising of Primary, Secondary and tertiary treatment systems at all times and ensure that the RO permeate/Evaporator condensate shall be recycled in the process and the final RO reject shall be disposed off with the reject management system ensuring zero liquid discharge of effluents in the premises.
  - iii) The occupier shall operate and maintain the reject management system effectively and recover the salt from the system which shall be reused in the process if reusable or shall be disposed off as ETP sludge.
  - iv) In case of failure to achieve zero discharge of effluents for any reason, the occupier shall stop its production and operations forthwith and shall be reported to the Member Secretary/Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.
  - v) The occupier shall restart the production only after ascertaining that the Zero discharge treatment system can perform effectively for achieving zero discharge of effluents.


**Special Additional Conditions:**

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

**Additional Conditions:**

  
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1. The HCF shall operate and maintain the Sewage Treatment Plant of 150 KLD provided to treat the sewage generated in the HCF continuously and efficiently, so as to achieve the standards prescribed by the Board.
2. The HCF shall utilize the treated sewage for gardening (65 KLD) and for toilet flushing (47 KLD) after achieving the standards prescribed by the Board.
3. The liquid waste generated due to infected secretions, aspirated body fluids, chemical liquid waste from laboratory, labour room, operation theatre, infected body secretions such as blood shall be collected and handed over to an industry or vendor authorised by TNPCB for the purpose of their utilization or shall be disinfected separately before treated in the ETP.
4. The HCF shall operate and maintain the Effluent Treatment Plants provided for the treatment of trade effluent continuously and efficiently so as to achieve the standards prescribed by the Board.
5. The HCF shall utilize the treated trade effluent of 5 KLD for gardening after achieving the standards prescribed by the Board.
6. The HCF shall provide UV disinfection system to disinfect the trade effluent before discharging into STP.
7. The HCF shall operate and maintain the EMFM provided at STP inlet, STP outlet and ETP inlet and shall be connected with automated Computer recording system to monitor the flow.
8. The HCF shall install Electromagnetic flow meters connected with automated computer recording facility at the outlet of Effluent Treatment Plant & STP discharge point for HVAC to assess the flow.
9. The HCF shall not clean the STP tanks manually and it should be carried out only by mechanical system.
10. The HCF shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site in the manner as prescribed in the Bio-medical Waste Management (Amendment) Rules, 2018.
11. The HCF shall ensure to phase out use of chlorinated plastic bags, and gloves (excluding blood bags) as per Bio-medical Waste Management (Amendment) Rules, 2018.
12. The HCF shall provide training to all its health care workers and others involved in handling of bio-medical waste at the time of induction and thereafter at least once every year.
13. The HCF shall provide and maintain bar coding system for bags and containers containing BMW at all times to be sent for the further treatment and disposal.
14. The HCF shall maintain log book in terms of types of BMW categories in Kgs for collection and disposal of bio medical waste for treatment to the common bio medical waste treatment facility y& disposal facility and the same shall be furnished during inspection.
15. The HCF shall maintain separate closed roof shed for storage of BMW in the unit premises.
16. The HCF shall make available the annual report on its website as per the Bio-medical Waste Management (Amendment) Rules, 2018.
17. The HCF shall comply with the provisions of Biomedical Waste Management Rules, 2016.
18. The HCF shall utilize the sludge generated from the STP as manure for gardening.
19. The bio degradable solid waste generated shall be treated in Bio gas plant provided and log book for operation of Bio Gas Plant, quantity of waste treated, Bio gas generated shall be maintained.
20. The HCF shall ensure that non bio degradable solid waste, STP sludge, etc., generated from the project activity shall be properly collected, segregated and disposed as per the provision of Solid waste Management Rules, 2016.
21. The HCF shall not use "Use and throwaway plastics" irrespective of thickness such as plastic sheets used for food wrapping, spreading on dining etc., plastic plates, plastics coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags within the premises. Instead the HCF shall encourage use of eco-friendly alternatives such as banana leaf, Arecanut palm plate, stainless steel, Glass, Porcelain plates/cups, Cloth bag, Jute bag etc.
22. The HCF shall develop adequate greenbelt complying the conditions stipulated in the Environmental Clearance dated 24.05.2017.
23. The HCF shall comply with the E-Waste Management Rules 2016. E Waste as listed in Schedule -I, generated by them shall be channelized through collection centre or dealer of authorized producer or the dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler. The unit shall maintain records of e-waste generated by them in Form-2and make such records available for scrutiny by the TNPCB. The unit shall file annual returns in Form -3, to the TNPCB on or before the 30th day of June following the financial year.
24. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the units as per law.

  
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**RAGHAVAN  
 SARASAVANI**

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**For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai**

*Ajay Gmils*  
PRINCIPAL  
INDHIRA COLLEGE OF EDUCATION  
PANDUR, TIRUVALUR-631 203

## GENERAL CONDITIONS

1. The occupier shall make an application along with the prescribed consent fee for grant of renewal of consent at least 60 days before the date of expiry of this Consent Order along with all the required particulars ensuring that there is no change in Production quantity and change in sewage/Trade effluent.
2. This Consent is issued by the Board in consideration of the particulars given in the application. Any change or alteration or deviation made in actual practice from the particulars furnished in the application will also be ground for review/variation/revocation of the Consent Order under Section 27 of the Act and to make such variation as deemed fit for the purpose of the Act.
3. The consent conditions imposed in this order shall continue in force until revoked under Section 27(2) of the Act.
4. After the issue of this order, all the 'Consent to Operate' orders issued previously under Water (Prevention and Control of Pollution) Act, 1974 as amended stands defunct.
5. The occupier shall maintain an Inspection Register in the factory so that the inspecting officer shall record the details of the observations and instructions issued to the unit at the time of inspection for adherence.
6. The occupier shall provide and maintain an alternate power supply along with separate energy meter for the Effluent Treatment Plant sufficient to ensure continuous operation of all pollution control equipments to maintain compliance.
7. The occupier shall provide all facilities to the Board officials for inspection and collection of samples in and around the factory at any time.
8. The occupier shall display the flow diagram of the sources of effluent generation and pollution control systems provided at the ETP site.
9. The solid waste such as sweepings, wastage, package, empty containers, residues, sludge including that from air pollution control equipments collected within the premises of the industrial plant shall be collected in an earmarked area and shall be disposed off properly.
10. The occupier shall collect, treat the solid wastes like food waste, green waste generated from the canteen and convert into organic compost.
11. The occupier shall segregate the Hazardous waste from other solid wastes and comply in accordance with Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
12. The occupier shall maintain good house-keeping within the factory premises.
13. All pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the trade effluent collection system only and shall not be allowed to find their way in storm drains or open areas.
14. The occupier shall ensure that there shall not be any diversion or by-pass of trade effluent on land or into any water sources.
15. The occupier shall ensure that solar Evaporation pans shall be constructed in such a way that the bottom of the solar pan is at least 1 m above the Ground level (if applicable).
16. The occupier shall furnish the following returns in the prescribed formats to the concerned District office regularly.
  - a) Monthly water consumption returns of each of the purposes with water meter readings in Form-I on or before 5th of every month.
  - b) Yearly return on Hazardous wastes generated and accumulated for the period from 1st April to 31st March in Form-4 before the end of the subsequent 30th June of every year (if applicable).
  - c) Yearly Environmental Statement for the period from 1st April to 31st March in Form -V before the end of the subsequent 30th September of every year(if applicable).
17. If applicable, the occupier has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances.
18. The issuance of this consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse or in Government Poromboke lands.
19. The issuance of this Consent does not convey any property right in either real personal property or any exclusive privileges, nor does it authorize any injury to private property or Government property or any invasion of personal rights nor any infringement of Central, State laws or regulation.

  
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20. The occupier shall forth with keep the Board informed of any accident of unforeseen act or event of any poisonous, noxious or polluting matter or emissions are being discharged into stream or well or air as a result of such discharge, water or air is being polluted.
21. If due to any technological improvements or otherwise the Board is of opinion that all or any of the conditions referred to above requires variation (including the change of any treatment system, either in whole or in part) the Board shall, after giving the applicant an opportunity of being heard, vary all or any of such conditions and thereupon the applicant shall be bound to comply with the conditions as so varied.
22. In case there is any change in the constitution of the management, the occupier of the new management shall file fresh application under Water (Prevention and Control of Pollution) Act, 1974, as amended in Form-II alongwith relevant documents of change of management immediately and get the necessary amendment with renewal of consent order.
23. In case there is any change in the name of the company alone, the occupier shall inform the same with relevant documents immediately and get the necessary amendments for the change of name from the Board.
24. The occupier shall display this consent order granted to him in a prominent place for perusal of the inspecting Officers of this Board.

**RAGHAVAN  
SARASAVANI**

Digitally signed by RAGHAVAN SARASAVANI  
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**For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai**

*Ajeeyanile*  
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