

Village Attachment: Indresham, Sangareddy

16-20th Oct 2023

Group-32

Sudhanshu Deol (D-25)

Kashish Meena (C-42)

Lokesh Meena (B-53)

Arpit Kharol (A-17)

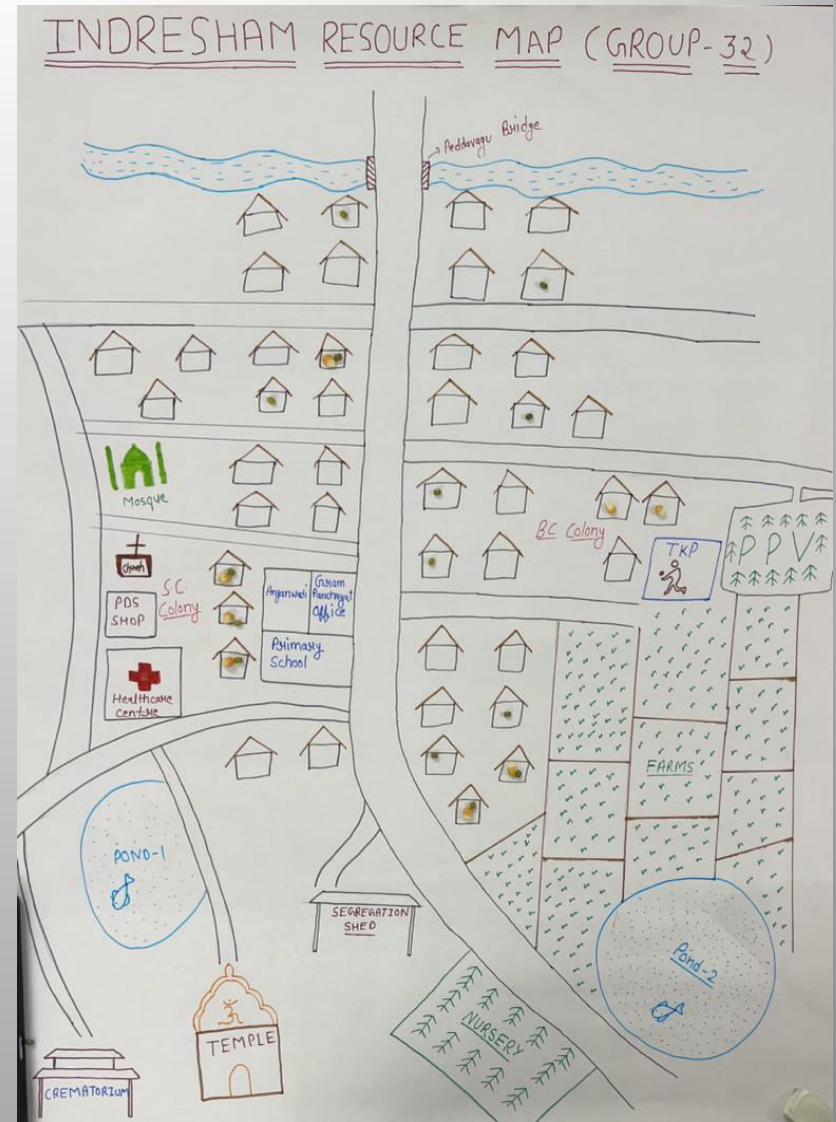
Anand Kumar Yadav (B-02)

About the Village

- **Indresham** village is located in **Patancheru** mandal of **Sangareddy** district in Telangana, India.
- It is situated 5km away from sub-district headquarter Patancheru (tehsildar office) and 30km away from district headquarter Sangareddy.

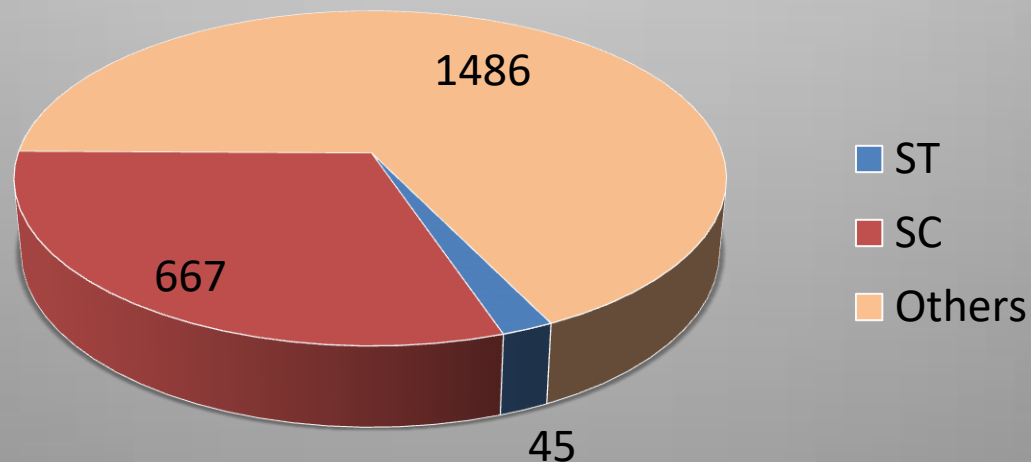


- The total geographical area of village is **1954.10** acres. Indresham has a total population of **2633**, out of which male population is **1334** while female population is **1299**.
- Literacy rate of indresham village is **52.73%** out of which 58.85% males and 46.45% females are literate. There are about 731 houses in Indresham village.
- **Sangareddy** is nearest town to indresham for all major economic activities, which is approximately 30km away.



Demography (category wise)

Sr. No	Category	Population	Male	Female	BPL (FAMILY)	APL (FAMILY)
1.	ST	45	23	22	9	0
2.	SC	667	328	339	140	1
3.	Others	1486	762	724	362	219



Demography (religion wise):



Hindu >99%



Muslims <1%



Christians <1%

- Temple, Mosque and Church are present in the village.
- **Religious harmony** is prevalent and no reported incident of communal tension in the recent past.

Transect Walk



Social Map



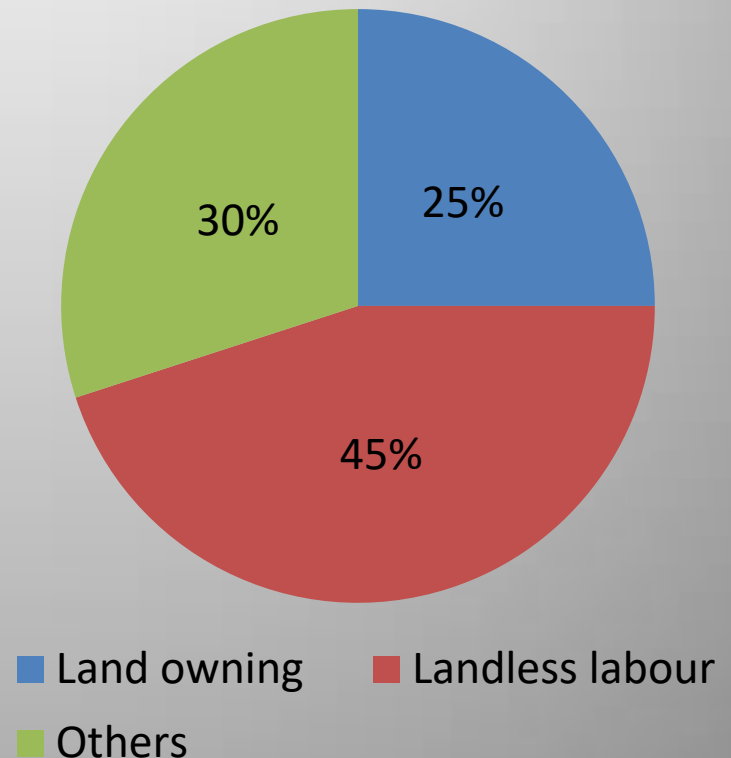
Resource Map



Indresham: Economic division

- Total no. of families residing in the village: **731**
- More than **70%** are involved directly in **agriculture** and animal husbandry.
- Only **25% of the families own agricultural land.**
- Approx **45%** are **landless labourers.**
- Rest of the people work in the nearby towns in factories, manufacturing & service sector etc.

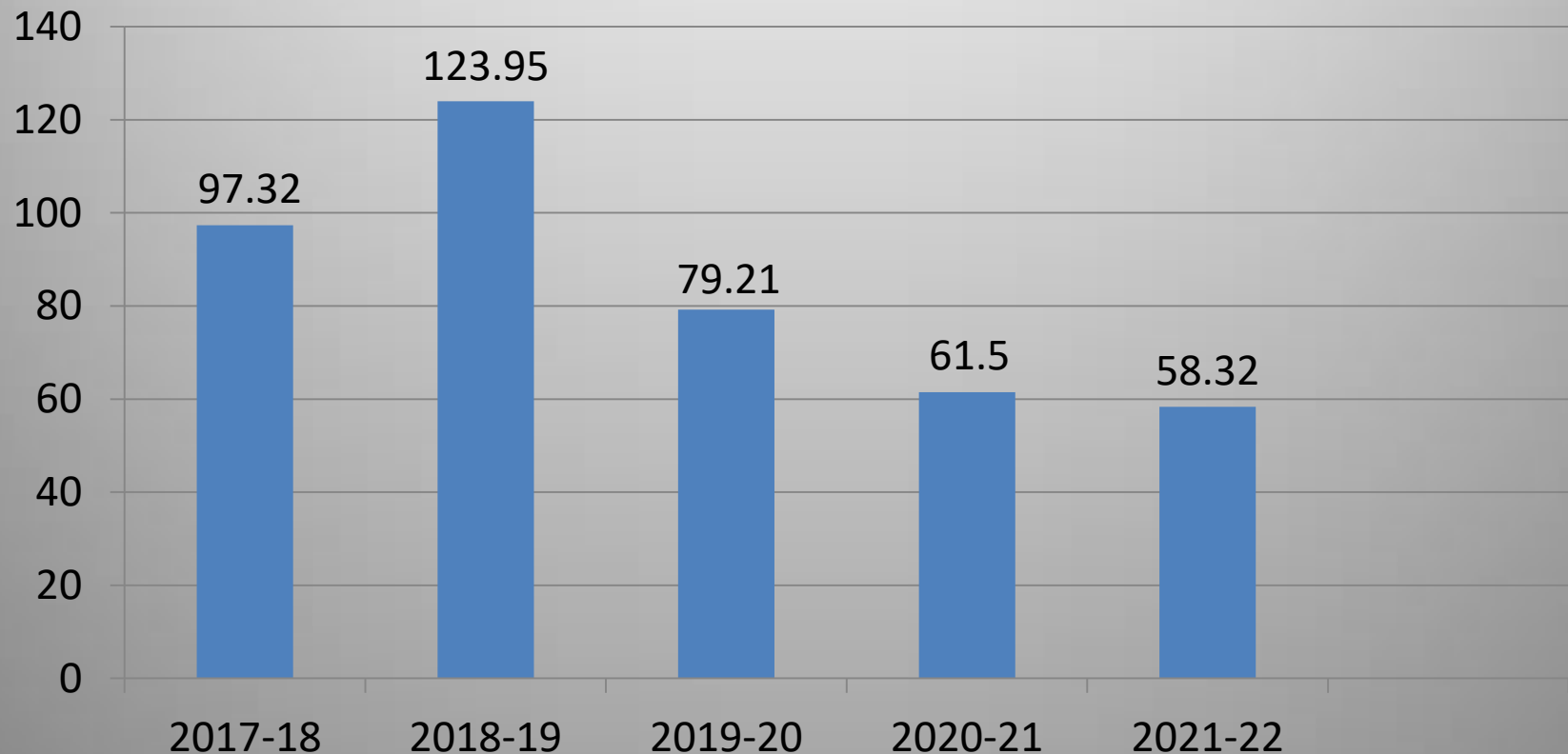
Economic division



Functioning of Gram Panchayat

Trend analysis: Timeline

Budget allocation (in Lakhs)

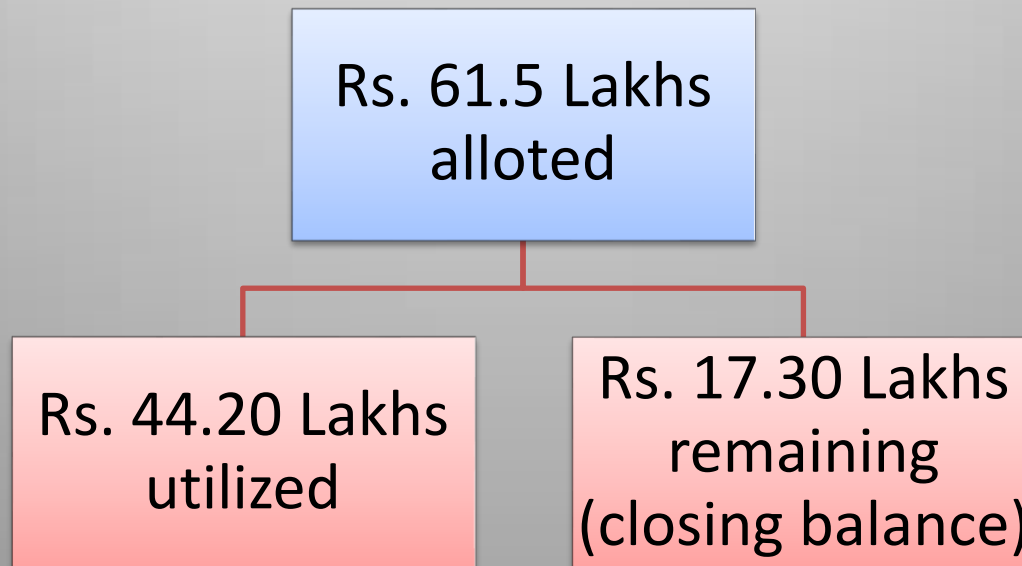


Major developmental works in the recent years

Sr. No.	Development	Year	Investment
1.	Crematorium (Vaikunth Dhamam)	2019-20	15 lakh
2.	Segregation shed	2019-20	12 lakh
3.	CC Road	2020-21-22	32 lakh
4.	Underground Drainage line	2021-22-23	40 lakh
5.	Water Supply Line	2021	3 lakh
7.	Telangana Kreedha Pranganam	2022	3 lakh
8.	Toilets in the Primary school	2022	3 lakh

Breakup of funds utilized by the Gram Panchayat for the FY 2020-21

- Total budget allocated for the FY 2020-21 was Rs. **61.5 Lakhs** but actual fund utilization was Rs. **44.50 Lakhs**.



Rs. 44.20 Lakhs

Water and Sanitation supply 13.08 Lakhs

Greenery (Tree Plantation and maintenance) Rs. 2.15 Lakhs

Gram Panchayat Expenses (Stationary new computers, maintenance etc) Rs. 16.89 Lakhs

Street Light Rs. 6.78 Lakhs

New Drainage Line Rs. 2.92 Lakhs

Road Rs. 1.70 Lakhs

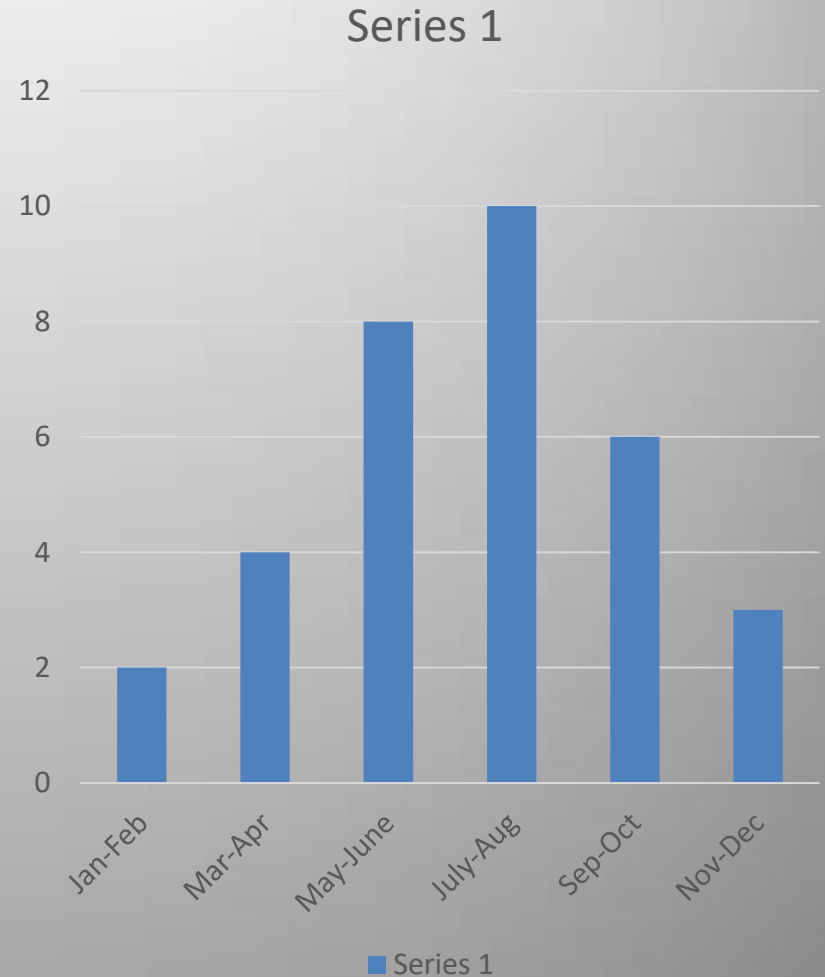
Others Rs. 65 thousand

Primary Healthcare Center: Arogyasri

- Objective of the scheme is to improve access of BPL families to quality medical care for treatment of identifies disease.
- Treatment in the healthcare center available on all days and vaccination on Wednesdays only.
- All basic medicines are available in the healthcare center
- **Vaccination** doses available including- OPV, IPV, PCV, Penta, Vitamin A
- Total **Covid Vaccine** coverage of village population.
- **2 Asha workers** recruited as PHC staff to help pregnant women and other patients.
- **Challenges:** Limited medical equipment available.
- **Solution:** Improving **infrastructure** and equipment availability.



Trend analysis: Disease Seasonality

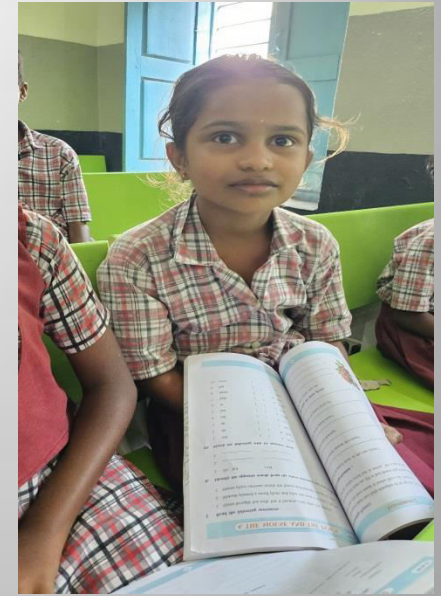


Education

- **Primary School:** From **Std 1 to 8th only**. A total of **351** children are enrolled. Total 8 teachers are available in the primary school.
- **Gross Enrollment Ratio** at school level is more than **99%** as per the villagers.
- **Rs. 75 thousand** provided every year to the primary school for maintenance and repair works. Recently 4 new toilets have been constructed in the primary school.
- **Mid Day Meal** is provided by the Akshaypatra Foundation daily and delivered in **hot cooked** form directly to the school. **Breakfast** in the morning and **Lunch** in afternoon is provided to the children.



- **Challenges:** School in village only till 8th std. nearest **High School** is 3 Kms away from the village.
- Teacher to student ratio is low (1:44), as per **UGC** standards it should be (1:10).
- **Solutions:** Opening of High-school in the village.
- Increasing the **Teacher to student ratio** by hiring more teachers in the school.



Anganwadi: Arogya Lakshmi

- One Anganwadi center is functional in the village it has only two lady staff.
- Telangana government provides one **nutritious meal** every day to **pregnant** and **lactating** women and children below the age of 6 through Anganwadi centres.
- **KCR Nutrition Kit** is distributed to pregnant women to prevent anemia and malnutrition.
- **Challenges:** Crunch of **space** for 45 children enrolled.
- **Solution:** Increasing space availability.



MGNREGA

- Main objective: Income security.
- **100 days** assured work in an year to each family.
- **Rs. 272** per person assured wages.



- 97 active wage seekers under MGNREGA in Indresham.
- Almost one-third of the workers are women.
- The MGNREGA labour is utilized to create **tangible public/community infrastructure.**

MGNREGA: Seasonality



Public Distribution System (PDS)

- There are a total of **731 families** residing in Indresham village, out of these **511 (BPL families)** are availing the benefit of PDS.
- **6 Kg of rice** per person, per month is being provided by the government on subsidized rates for preventing hunger and for ensuring food security.
- **1 Kg of sugar** per family, per month is also provided under the PDS.
- **Challenges:** People are being provided **mostly rice** leading to **deficiency** of nutrients like **vitamins, proteins** etc.
- **Solution:** Inclusion of millets, pulses, and other rich sources of vitamins, proteins etc.



Self Help Group (SHGs)

- Total **17 nos** of SHGs functioning in the village.
- Each has a membership of approx **10** women.
- No joining fee (Free membership)
- Monthly contribution of **nominal Rs. 100** only.
- Provides financial support and credit to its members in the times of need for ex. Starting **small business, Marriage, School fee** etc
- Maximum loan provided by an individual SHG has been found to **Rs. 10 Lakhs**



Drinking Water: Mission Bhagiratha

- Govt aims to provide piped water to **2.32 crore** people in 20 lakh households in urban and **60 lakhs** in **rural** areas of Telangana.
- Indresham has **100% coverage** under the mission, every household has a piped drinking water connection.
- The village has **3 water tanks** with cumulative capacity of more than **1.3 Lac litres**, the recent water tank constructed has a capacity of more than 60 thousand litres.



Electricity



- **24*7 electricity** supply to every household. Proper lighting on street and in public places.
- **Challenges:** Although adequate electricity is available, but the adoption of **LED lighting** is lagging which leads to wastage of electricity.
- The village does not have adequate **solar power** capacity installed.
- **Solution:** Adoption of LED lights and installation of **rooftop** solar capacity in village.

Agriculture

- **490** Acre land is under cultivation in Indresham.
- **25%** of the cultivable land is owned by the women.
- More than **70% families** of the village are **dependent on agriculture** for their livelihood.
- 2 cropping cycles of rice in a year:
 - May-June: **More production**
 - Dec-Jan: Less production
- Some 4-5% farmers are also cultivating cotton, white sunflower, Tuar, millets etc.



Agriculture: Challenges and Solutions

- **Challenges:**

- Average land-holding is very small ie **1.5 acres** (approx.).
- **80%** of the farmers **don't possess tractor** or farm machinery and they have to rent it.
- More than 60% of the land is **dependent on rainfall** and pond for irrigation.
- **95% of the land is under rice cultivation.**

- **Solutions:**

- Land consolidation.
- Increasing **agricultural mechanisation.**
- Farm machinery may be provided at subsidized rates to the farmers.
- Increasing the numbers of borewells.
- **Diversification of crops.**

Rythu Vedika

- Providing **training** and **information** to farmers about new varieties of **seeds**, cropping patterns and techniques etc.
- **Specialists** such as **Scientists**, **Veterinary doctors** etc are invited to educate the farmers.
- Assured returns to farmers through **direct purchase** of produce at MSP from the farmer by the govt at Rythu Vedika.
- Indresham has a Rythu Vedika building which has adequate infrastructure and staff for providing satisfactory training and capacity building of the farmers.



Rythu Bandhu



- **Investment support** for Agriculture and Horticulture crops is being provided by the way of grant of **Rs. 5000** per acre per season, **twice** a year.
- Farmers of Indresham are benefitting a lot from this scheme, they don't have to rely on **moneylenders** anymore.
- Provide the farmer with essential capital for buying **fertilisers, seeds** etc
- Farmers have a sense of security and income support.

Rythu Bima

- By the govt of Telangana to provide life insurance and social security to farmers.
- Farmers in the age group of **18-59** years are eligible for enrolling under the scheme. In the event of death of the enrolled farmer due to any cause including natural death
- The insured amount of **Rs. 5.00** Lakhs is deposited into the designated nominee account within 10 days.

Segregation shed

- **Reduce-Reuse-Recycle** strategy is adopted in village.
- Separation of degradable and non degradable waste.
- **Vermi-compost** and organic manure is prepared in approx 90 days.
- Annual production of approx **3.5 tonnes**.
- The compost is sold to farmers **@8rs. per Kg.**



Irrigation: Mission Kakatiya

- Scheme for restoring all the minor irrigation tanks and lakes in the state of Telangana.
- Indresham has **two large ponds** which serve as major source of water for irrigating the fields.
- **80%** of the farmers are dependent on the pond water and rainfall for irrigation. Only **20%** farmers have access to borewells.



Palle Prakruthi Vanam (PPV)

- Aim of creating small forest patches or nature parks within the villages to enhance biodiversity, protect natural resources, and improve the livelihood of local communities.
- Promote ecological conservation, sustainable development and community participation.
- Indresham has **1 acre** of PPV, which has approx. **4000** trees of various species. Most prominent among them are Mango, Guava, Neem, Pomegranate and flowering plants etc.
- There are **two dedicated workers** in Indresham to look after and conserve this PPV.
- **Drip irrigation** is used to water the plants and conserve water at the same time.
- Locals also enjoy the forest, they take a walk in the morning and evening in the pathway around the trees.



Nursery: Telangana Ku Haritha Haaram

- Dedicated nursery has been prepared in the village outskirts to regularly **supply villagers** with variety of plants for growing at their homes, lawns etc.
- Till now more than **20,000** plants have been grown in the nursery and have been transplanted by the villagers at their homes, road-side.
- The nursery grows local varieties of fruit bearing, medicinal as well as vegetable plants.



Telangana Kreedha Pranganam (TKP)

- For keeping the villagers fit and to **encourage spirit of sports** in the youth and children, dedicated sports infrastructure has been created in the village.
- The TKP has **volleyball court, Kho-Kho, Gymnasium bars** etc.
- **Open gym** has also been constructed in the village for maintaining physical fitness of the locals.



Aasara Pension

- Monthly pension of **Rs. 1000** to old aged, widows, weavers, toddy tappers and AIDS patients etc.
- Monthly pension of **Rs. 1500** for disabled (divyang).

Village	Total Pensioners	Total Amount	OAP	Disabled	Widow	Single Women
Indresham	181	Rs. 4,49,440	45	14	95	27

Cleanliness: Swachh Bharat Mission

- Cleaning of street and community places every day.
- A team of **10** staff is deployed to regularly clean the village and maintain hygienic surroundings.
- **Adequate infrastructure** ie., Tractor, Trolley, Rickshaw etc are available for carrying the waste.
- Sewer are cleaned **mechanically**, no manual scavenging is practiced in Indresham.

Ujjwala Yojana: Clean Cooking Fuel

- Providing **free cylinders** and burners to the rural poor women to save them from the hazard of **respiratory diseases** which are caused by burning wood for cooking.
- **Door-step delivery** of LPG cylinders to the eligible beneficiaries.
- Challenges: The poor are **not able to refill the cylinders** provided by the govt for free.
- Solution: **Subsidy** amount needs to be increased.



Crematorium (Vaikunth Dhamam)

- Crematorium (Vaikunth Dhamam) has been constructed in 2019-20 in Indresham for last rites of the deceased.
- It has **necessary amenities** like dedicated washrooms for male/female and changing room etc.
- There is a dedicated vehicle known as Vaikuntha Ratham to carry the body of dead person to crematorium.
- Challenges: Due to **cultural and family norms**, people are still doing **burial practice** and **not adopting** the use of crematorium.
- Solution: **Socio-behavioural change** is required through **awareness, communication** and **social mobilisation**.



Gruha Lakshmi Scheme

- Financial assistance of **Rs. 3 Lakh** to families belonging to **SC, ST & BC** category.
- Empower the rural marginalized families to own their permanent house.
- **2 BHK** apartments are under construction in the Indresham village for the intended beneficiaries.



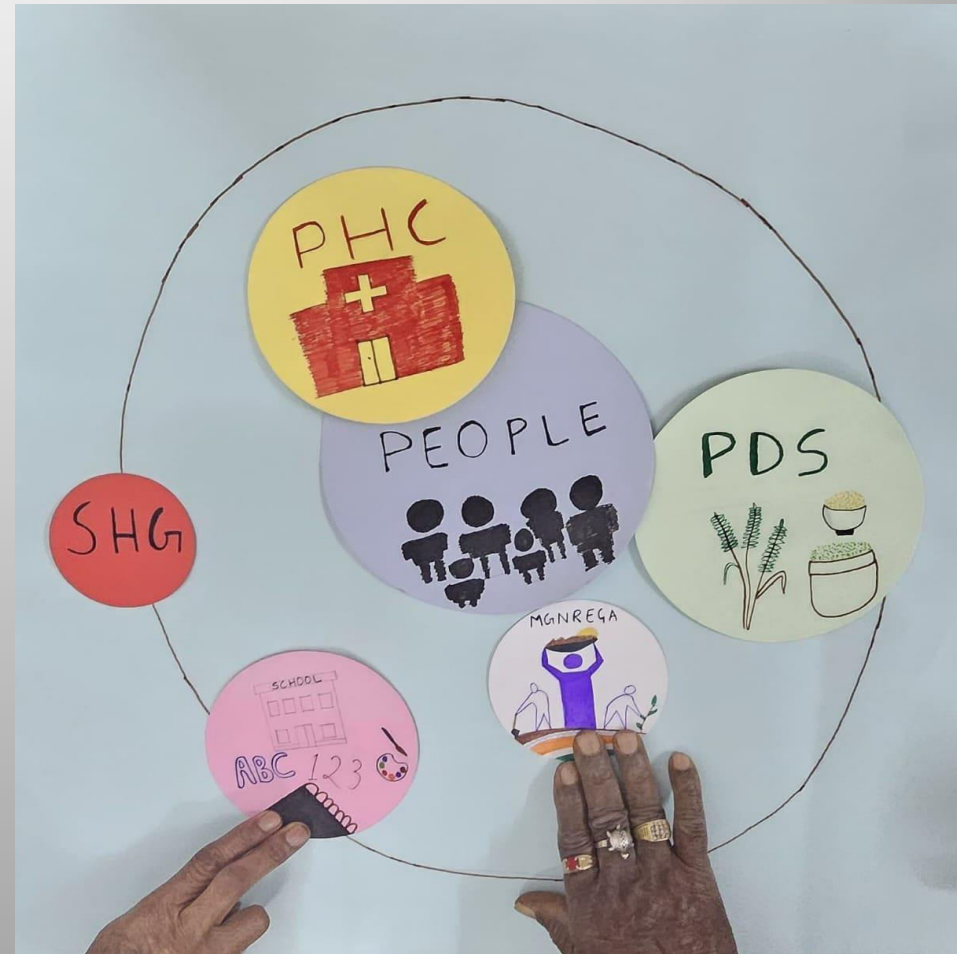
Dalit Bandhu

- Economic development of families belonging to the **Schedule Caste (SC)** community.
- Financial assistance (grant) of **Rs. 10 Lakhs** to start their own business, entrepreneurial venture.
- Uplift the socio-economic status of SC community.
- In Indresham **90** families belonging to SC community have benefitted under this scheme and have become empowered.

Kalyan Lakshmi/Shadi Mubarak

- Provide **financial support** for girl child's wedding at/after marriage age to reduce borrowings by family.
- Financial aid of **Rs. 1,00,116/-** is provided for low income group families.
- About **100+** beneficiaries are there in this village.

Relational: Venn Diagram



Key Learnings

- Understood the working of various village level institutions in terms of participation and effectiveness.
- Understood the socio-economic dynamics of the rural India.
- Understood the problems faced by the rural people especially the marginalised sections such as Scheduled Caste, BPL, women, landless labour etc.
- Recognized the importance of learning from the villagers in evolving people based solution to local problems.