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# Regarding Road Construction at maintenance of Sewerage Network & Sewerage Treatment

VOLUME - III

STPS UPGRADATION

Municipal Corporation Shimla had organized three days training and short term course w.e.f 23rd April to 25th April, 2018 on Design and Maintenance of Sewerage Network and Sewage Treatment Plant. The said training was organized to train the technical staff of Water & Supply Deptt. sewerage division, Municipal Corporation Shimla, Pollution Control Board, Municipal Council, Kullu and Bilaspur.

The training was imparted by the course coordinator Dr. A.K. Gupta, Professor, Environmental Engineering Division De-

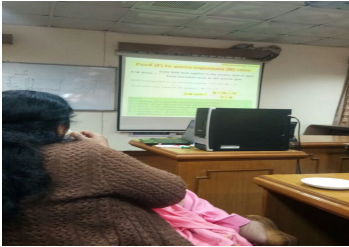
partment of Civil Engineering & Head, School of water resources Indian Institute of Technology Kharagpur. The said training was conducted under Atal Mission for Rejuvenation and Urban Transformation.

## CONTENTS OF SHORT TERM COURSE & TRAINING

- Core Issues in Wastewater Management in India
- Brief Outlook of a Sewerage Network
- Wastewater Treatment Plant
- Introduction to Advanced Wastewater Treatment
- Operation and Maintenance of Sewerage Network
- Operation and Maintenance of Sewage Treatment Plant
- Municipal Wastewater Sludge Management



# SEWERAGE TREATMENT PLANTS



## SPECIAL POINTS OF INTEREST:

- Disparity in water supply and resulting in wastewater generation
- Inadequate sewerage network and poorly functioning sewage treatment plant
- Premature mindset of people or government towards necessity of wastewater management
- Pollution in water
- Depletion of availability water resources
- Technical and financial hurdle in treating the polluted water for drinking water supply
- Environmental hazards







## CONSTRUCTION OF ROAD IN WARD No. 23



Municipal Corporation Shimla has constructed an ambulance road during the FY 2017-18 from Bhattakufar to Dhingu Bauri via Neridhar in ward No.23, Bhattakufar. This road was built to facilitate the public of said ward. The total length of the said road is 1.5 Km. This road will facilitate approx. one thousand population of area. The total expenditure incurred on said project is Rs.31,34,256. The said locality was lacking basic infrastructure due to which public was suffering to get health facility on time but after the construction of said road public will get health facility on time.



REGARDING ROAD  
CONSTRUCTION AT

# PHOTOGRAPHS





## NULM-SUCCESS STORY

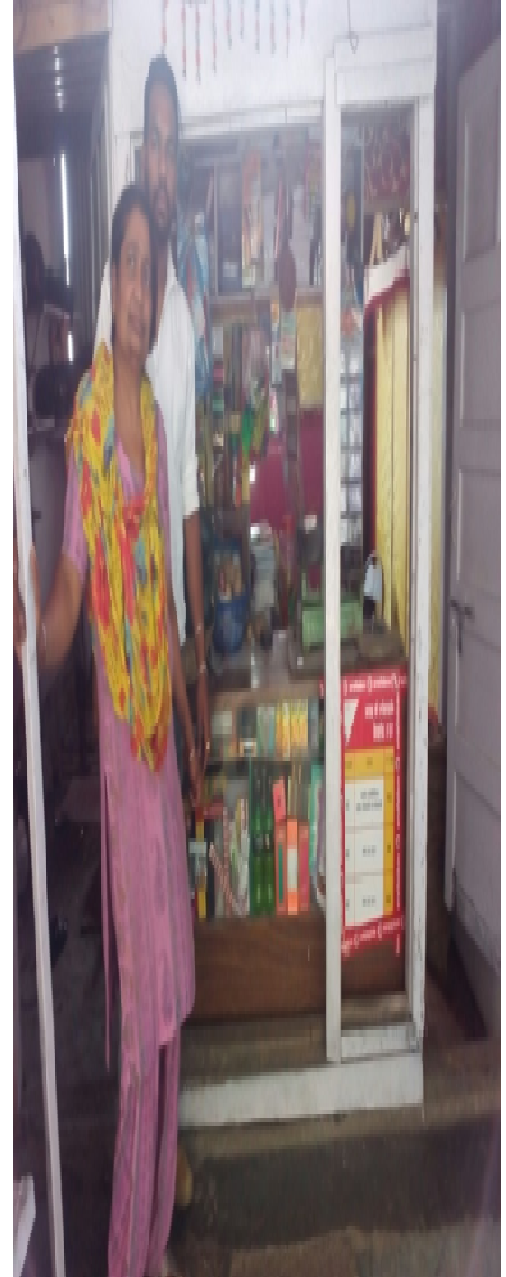
### NO ONE KNOWS WHAT YOU ARE

In the eyes of a kid, a father is a dad or daddy....Taking ownership of failure..... Eitender Gill is a young Boy of 24 who has started his daily need shop.

When asked about his family with a deep breath he told us that he has lost his father at the age of 16.If He's a single dad taking care of his kid. What a good father, Look at the sacrifices he is making and so on but if he's a single Mom taking care situation changes People waits for an opportunity to discuss about mother. We had to fight our poverty on our own. No money to pay school fees, so I drop studies after Class 10<sup>th</sup>.I told my mother its worth pursuing my education, given the crises condition. I should take up some kind of work and raise money. I was literally beaten and broken because I had no idea how to generate money, While I am just 16.

There was a time in our life when we had just money for food only. I saw my mother giving up family occasions and we both were confine to our home only. **Life is not bed of Roses.....**

I am very lucky; my mother is an amazing parent with a balance of love and sternness. Thank God to have her in my life as she is big support for me. My mother joined SHG, formed under DAY-NULM and start saving of Rs 100.With a support of revolving fund she gave



me some fund to start mobile recharge and daily need shop. Now our income is Rs 6000 monthly but this fund is not enough to start the full fledged work so I decided to take loan under component SEP-I. I visited DAY-NULM office at Municipal Corporation and within same day completed all the formalities. In the month of March Rs.100000 was disbursed by Bank for expansion of my daily need venture. We keep Vegetable-fruits at our shop. Our income escalates to Rs.15000 and with the grace of God and my mother's consent in the month of April I got married to my Love.



## SUCCESS STORY-2 (NULM), RETAIL GARMENTS

**AGE IS NO BAR TO DO HARD WORK AND GET SUCCESS....**

We see people struggle through odds and come through. But we don't see their pain. We don't see just how much they have had to suffer. This is the Story of Bhag Singh, age 63, he is a retailer of Ready made Garments. For a Man, without a permanent source of income is very difficult to up bring his three children. But years of hard work made his 3 sons settled in life. As time passed and he felt that this is time to feel relax and enjoy the childhood of his grandchildren. His three sons decided to shift with their respective families but without him and his wife. Now life is difficult, without savings and income, many times he asks his children for money but they make lame excuses. Our only income is as my wife's stitches clothes and earn Rs.150 per suit. which comes to Rs.6000 per month.



As per saying Where there is will there is way.....During one of SHG meeting NULM team visited our SHG and told us about the loan component. With firm belief in God I at once decided to take this risk,as in my whole life I never took a penny from anyone. After applying for Rs.200000 in the month of March Rs. 200000 a has been disbursed by bank, and April onwards we have started our venture. Initially we kept very less margin as compare to market rates and our products like Quilts, Net Patiala Salwaar, Kurtis were sold like Hot Cakes and from first month our sale is of Rs.50,000 out of which Rs.15000 is Profit. Bhaag Singh story is one that not only makes you shudder at parts, but also makes you realize that if you don't give up and if you don't agree to settle for less, you will always find a way to get what you want.

## दस्तक शिमला सिटी

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# आजीविका मिशन ने बदल दी इनकी जिंदगी

■ इनडूल्डरम : वे हे निःशुल्क प्रशिक्षण के बाद स्वरोपकार करने वाली की कहती

रोनिया उर्मा। शिमला

राज्य सरकार को और से रहने के में चलने जा रहे नेहला अर्धन सहकारी मिशन वाली इनडूल्डरम ने कहने की सिरो की कहती है। नवीन पौधों को आजीविका उत्पन्न करने को वे बेखुश कैसे किट सरका प्रयोग है। नए सरकार ने इसे ऐसे पौधों को नवीनकर उत्पन्न करने के लिए लाने किया है, विनाशो साधन आज वे लहरा नए में काम है। अनार पर नए में पौधों का काम दिन में पर के छोटे-बड़े काम निपटारे में ही निरत रहती है। लेकिन अब वह सिर्फ इनमें पर ही नहीं है। इस योजना ने इसी योजनाओं को भी अधिक रूप से मजबूत किया है। वह ऐसा ही उदाहरण है दुर् में रहने वाले हेमा या कुम्हार के धम मित्र का। वे वे लोग हैं जिन्होंने इसी योजना के तहत अपने निःशुल्क प्रशिक्षण प्राप्त और फिर सरका लोग भी इसी संघ में लाने अपने

दुर् में अब अपना ब्यूटी पार्लर है हेमा का

दुर् में रहने वाली हेमा ने इनडूल्डरम के तहत ब्यूटी पार्लर की की ट्रेनिंग को और अब अपना ब्यूटी पार्लर चल रही है। हेमा ने बताया कि ब्यूटीशियन बनने में उनकी सारी परेशानियाँ, लेकिन उन्होंने कभी नहीं सोचा था कि वह जीवन में इसी तरह का काम भी कर पाएंगी बिना किसी सर्टिफिकेट के पारलर चलाना जैसे ही सुविधा था। लेकिन अब मिशन का मिशन है सभी आजीविका मिशन के बारे में जानने वाली की दुर् बन कर की उभरे जनी। आजीविका मिशन के तहत एक कमर का ही ब्यूटीशियन कोर्स किया व उनके बाद दुर् में अपना पार्लर का काम भी शुरू किया। आजीविका मिशन के तहत दुर्गम क्षेत्रों के लिए लोग भी मिल गया। आज हेमा अपनी दुकान से हजारों कपड़े बना रही है।



काम शुरू किया। नए निरम शिमला में वे स्कैन 2014 में शुरू की गई थी। सभी आजीविका मिशन के तहत अब तक कुल के करीब 20 अडवाइसेट को लोग प्राप्त कर चुका है, जबकि दूसरे के काम लोग के ईस्ट 75 आवेदन कर है। नए निरम का दुर्गम

आजीविका मिशन नए में सेंट्रल लोग को संयोजन देने विचार के नए आरंभ सक्षम कर रहा है। वह पारलर नए निरम में आर्टेन का ब्यूटीशियन, फार्मिंग, हार्मिपेडिरी जैसे क्षेत्रों में ट्रेनिंग को मजबूत है। प्रशिक्षण लेने के बाद लोग की सुविधा प्राप्त कर

पहले सिलाई, अब कपड़ों की दुकान

कुम्हार नए में रहने वाले धम मित्र और उनकी पत्नी कपड़े बनाने में सिलाई-कपड़ों का काम करते थे। अब नए निरम के तहत आजीविका मिशन से कुम्हार नए में लोग लेकन कपड़ों की कपड़े दुकान खोली है। धम मित्र का कहना है कि शुरू से वे अपनी कपड़ों की दुकान खोलने का सपना देखते थे, लेकिन सिलाई-कपड़ों से थक रहे-रही ही रहती थी। इसके बाद पत्नी के आजीविका मिशन योजना से काम शुरू कर लेने मित्र और पति अपने कपड़ों की दुकान भी शुरू कर दी। अब दोनों पति-पत्नी मिलकर एक से उखी उखी कपड़ों कर रहे हैं। सबसे नए अडवाइसेट के तहत-जब अब सिलाई भी करी करती है। धम मित्र का कहना है कि पिछले कर माँगी वे उनकी जिंदगी बदल गई है।



दुर् का संयोजन शुरू कर सकते हैं। नए निरम मिशन के सहितक अनुकूल प्रदात सरका का सहन है कि प्रथम निरम में लाने और इसकी आवश्यकता नए सरका या आजीविका मिशन केट से जो करती है।



## BASIC SERVICES FOR URBAN POOR

Ashiana-II scheme was sanctioned during February, 2008 for amounting to Rs. 1401.48 lacs, for the construction of 384 dwelling units under Basic Service to Urban Poor (BSUP) Scheme under JNNURM. In this regard the list of 73 beneficiaries was approved by Hon'ble MC House out of which only 64 beneficiaries were selected for allotment in 1<sup>st</sup> phase. Out of 64, lease deed has been signed by 45 beneficiaries and they have taken over the possession. Further 17 beneficiaries who have deposited their beneficiary share (One or more installments) have also been handed over the possession.

In second phase 93 applications have been received for the allotment of houses .



**Houses under Ashiana - II, Dhalli, Shimla**

## LIST OF BENEFICIARIES BENEFITED UNDER NULM SCHEMES

SL	Applicant Name	Father/ Spouse Name	Address Contact No.	Enterprise type	Name of Bank	Loan Provided by Bank	Past Status (Before Loan)	Present Status
1	<b>Hema Devi</b>	Jag dish	Ward No. 6, Komal Niwas, Majayat Totu-9857090658	Beauty Parlour	PNB Totu	2,00,000	Housewife	Running Beauty Parlour
2	<b>Nisha</b>	Maddi Ram	Bangala Colony Totu-8627813639	Retail of Bangles & Cosmetics	PNB Totu	90,000	Street Vendor	Street Vendor
3	<b>Baby</b>	Madan	Bangala Colony-8627920197	Retail of Garments	PNB Totu	90,000	Street Vendor	Street Vendor
4	<b>Nittu</b>	Ravinder Kumar	Bangala Colony Totu-9816232835	Retail of Blankets, Shawls, Suits	PNB Totu	90,000	Street Vendor	Street Vendor
5	<b>Pinki</b>	Chuhara	Bangala Colont Totu-9816190430	Retail of Woolen Garmentds	PNB Totu	90,000	Street Vendor	Street Vendor
6.	<b>Chameli</b>	Siddu	Bangala Colony Totu-9816818964	Wholesale Garments	PNB Totu	90,000	Street Vendor	Street Vendor
7.	<b>Shalu</b>	Suresh Kumar	Bangala Colony Totu-8627026693	Wholesale Garments	PNB Totu	90,000	Street Vendor	Street Vendor
8.	<b>Geeta</b>	Suresh Kumar	Bangala Colony Totu-9816362014	Wholesale Garments	PNB Totu	1,00,000	Street Vendor	Street Vendor
9.	<b>Soma</b>	Sohan Lal	Bangala Colony Totu-9882286853	Retail of Blankets, Shawls, Suits	PNB Totu	90,000	Street Vendor	Street Vendor
10.	<b>Jyoti Gill</b>	Vikas Gill	Near 128, Krishna Nagar	Beauty Parlour	Bank Of Baroda	1,50,000	Housewife	Running Beauty Parlour
11.	<b>Kavita Devi</b>	Jai Raj	H.No. 2, Near Veternary Hospital -8894567717	Retail Of Garments	Bank of Baroda	1,00,000	Work from home	Work from home
12	<b>Bhag Singh</b>	Nand Singh	H.No.1, Cart Road KrishnaNagar-8351886558	Retail of Garments	Bank of Baroda	2,00,000	Tailoring	Tailoring
13.	<b>Kamla</b>	Kashmira	Sikh Line Near Valmiki Mandir Krishna Nagar-8351886558	Retail og Garments	Bank of Baroda	1,00,000	Work from Home	Work From Home

SL	Applicant Name	Father/ Spouse Name	Address Contact No.	Enterprise type	Name of Bank	Loan Provided by Bank	Past Status (Before Loan)	Present Status
14	<b>Rajni</b>	Rajkumar	Bangala Colony Totu 9816062466	Retail of Garments	PNB Totu	1,00,000	Street Vendor	Street Vendor
15	<b>Reena Chauhan</b>	Narender Kumar	Chauhan Bhawan Bhagwati Nagar Lower Khalini 9805069476	Retail of Garments	BMB The Mall	90,000	Work from Home	Work from Home
16.	<b>Seema Channalia</b>	Arvind	Dhara Near Labour Hostel Lal Pani 9816302851	Retail of Garments	BOI The Mall	2,00,000	Work from Home	Work from Home
17.	<b>Arun Kumar</b>	Jeet Kumar	35/B Khullar Niwas Kanlog Shimla 9816151947	Retail of Daily Needs	SBI Kalibari	1,80,000	Not Working	Working
18.	<b>Jina</b>	Vinod Kumar	Bangala Colony Totu 8894272339	Retail of Blankets	PNB Totu	1,00,000	Street Vendor	Street Vendor
19.	<b>Santosh</b>	Dhola Ram	Bangala Colony Totu 9816698264	Selling of Bangles	PNB Totu	1,00,000	Street Vendor	Street Vendor
20.	<b>Ranjeet</b>	Mirchu Ram	Bangala Colony Totu 9816544564	Retail of Blankets	PNB Totu	1,00,000	Street Vendor	Street Vendor
21.	<b>Etinder Singh</b>	Late Shri Inderjeet	Sunder Building Block No.1, Upper Lal Pani 9816634808	Retail of Daily Needs	BOB	1,00,000	Work from Home	Running Shop
22.	<b>Dabbu</b>	Billu Ram	Bangala Colony Totu 9816625134	Retail of Blankets, Bedsheets	PNB Totu	90,000	Street Vendor	Street Vendor
23.	<b>Rinku</b>	Goli Ram	Bangala Colony Totu 9816003970	Retail of Blankets, Bedsheets	PNB Totu	90,000	Street Vendor	Street Vendor



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Caption describing  
picture or graphic.

The Municipal town of Shimla, the head quarter of the district and summer capital of India during British regime, is situated on a range of entirely mountainous Middle Himalayas which forms the last traverse spur of the Central Himalayas, south of the River Satluj. Geographically, Shimla lies at 30° 6' North latitude and 77° 11' East longitude, and its mean elevation is 2397.59m above msl. The existing town resembles an irregular crescent with an 9.2 km extension from one end to the other, covering a total area of 19.55 sq.km. Shimla town is situated in a seismic belt (Seismic Zone IV) as per IS-1893.

The eastern portion of the town is Chotta Shimla while the extreme western side is called Boileauganj. An outlying northern spur running at right angles to the main ridge is Elysium Hill. Five and half kilometers from the western end of the station is outlying hills of Jutogh. Shimla Municipal Corporation is one of the oldest municipalities of India and has passed through many slings and arrows during its last one hundred and forty five years of existence. It was first constituted as Municipal Committee in December, 1851, under the provisions of Act XXVI of 1850.

As a result of re-organization of Punjab, Shimla became a part of Himachal Pradesh. In 1968 arrangements for holding first elections were made. The passing of the Himachal Pradesh Development & Regulation) Act 1968, (Act No.22 of 1969) converted the Committee into Corporation w.e.f. June 29, 1969. The Committee thus witnessed its liquidation after a long history.

The elected body of Shimla Municipal Corporation has 34 councilors.

- E-Governance Cell,
- Accounts,
- Architect Planner,
- Estate,
- Legal Cell,
- Road and Building, &