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A Comparative Study of Literature Reviews: Rag-Pickers in Urban Slums

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Abstract

Waste picking is an activity that helps in the reduction of solid waste created by the masses at homes, industries, farms, and other processing units. It also directly influences the impact of waste on the environment. Large landfills can be observed in almost all the cities where one finds waste pickers working in filth to collect recyclable material to earn a living. The objective of this paper is to carry out a review of previously available study material on rag pickers or waste pickers as they are known in various places. In the process, an attempt is made to review some of the academic articles, research material, conference papers, material available in the public domain, and other published material on the subject or related subjects. The purpose of this review is to compile the understanding and the opinions of previous authors on the subject of the life of rag pickers in urban slums who generally are understood to be the lowest strata of society, remain underprivileged and deprived of decent human living.

Keywords— Rag Pickers, Waste Management, Environment Protection, Recycling, Scavenging

Introduction

(Adeyemi, 2001) opined that waste management is considered one of the most serious environmental problems facing the world today in both developed and developing countries. With the growing population and changing consumption patterns, the production of solid waste has increased and has reached an alarming stage all over the world. It has impacted the environment and caused serious concern over human health. There are millions of people across the world who are formally and informally involved in the waste picking activity. While the formal pickers work in an organized environment, the informal waste pickers continue to work in hazardous work environments causing grave concern for their health. As per ILO (2004), scavenging is an activity that involves manual picking of recyclable material, sorting it out of the mixed waste from various landfills, dump sites, living areas, and industries, and further disposing for recycling to earn money to make a living. This informal economic

activity provides employment and income to many million people worldwide, mostly living in the cities of developing countries. The informal scavenging communities the world over not only can manage their survival but also augment efforts in sustainable development and environmental protection a fact, that which commonly ignored. The waste pickers continue to live in undesirable, un-hygienic conditions without proper health care, work in hazardous work environments, without any social security, lack educational opportunities, and lead a life of stigma attached to their work.

The objective of this paper is to conduct a literature review of the already published work related to the socioeconomic conditions of the rag pickers in urban slums and other related issues with their functioning. In the process, an attempt has been made to review some of the academic articles, research material, conference papers, material available in the public domain, and other published material on the subject. The researcher has a data bank of 40 such articles but for this study, a total of 20 studies have been taken out of which 15 studies relate to the Indian work and living environment of rag pickers and 5 to other countries having almost similar conditions.

Summary of Literature Reviews Carried Out on Rag-pickers in Urban Slums

S/N	Author & Year	Title of the Study	Objective of	Review	Recommendations/
	of Publication		the Study	3. 1	Observations
1	Salam, A.	Living and	To study about	Poverty and	There was an urgent
	(2013)	educational	the solid waste	hunger was the	need to look into the
		conditions of child	of Guwahati	major factor	lives of these children
		rag pickers on base	city in Assam	leading these	who have been robbed
		of solid waste of	and analyze	children to work	of their childhood and
		Guwahati City in	living and	as rag pickers	design some initiatives
		Assam.	educational		so that they are
			conditions of		educated and can lead
			child rag		a life of dignity and
			pickers.		security.
2	Bala, R., &	Working	Objective of	Maximum	There was a need for
	Singh, S. (2019).	Conditions, Work	the research	number of	strict implementation
		Hazards and Job	was to study	children worked	of legislation against
		Satisfaction: A	the work	in the garbage	employment of
		Study of Informal	environment of	dumps or collect	children in hazardous
		Child Rag Pickers	child rag	waste from the	occupation since they c
		in Patiala District,	pickers to	households and	had no access to

		Punjab (India).	include their	streets. Some of	immunization and
			working hours,	them were also	vaccination against
			places of work,	involved in	hepatitis, rabies and
			difficulties	sorting the waste	tetanus.
			faced by them	in various	
			in carrying out	categories for	
			their work	further	
			including work	transportation.	
			hazards,		
			protective		
			measures		
			adopted by		
			them and their		
			job		
		16	satisfaction.		
3	Iyer, S., Shah,	Exploring the Lives	The study was	Main reason for	Summary of the Study:
	H., Patel, J.,	of Women Rag	carried out	choosing this	The sex ratio of slum
	Panchal, V.,	Pickers in an Indian	among women	profession was	population was almost
	Chaudhary, S.,	Metropolitan City	rag pickers in	their lack of	similar to that of urban
	& Parmar, T.		Chembur and	education and	population as their
	(2023).		Govandi area	having no other	behavior towards girl
		130	of Mumbai to	skill to work. A	child is the same in
			explore their	significant	both the cases.
			lives	number of them	Majority of the
				were found to be	scheduled tribe
				addicted to	population still
				alcohol and	continues to live in
				tobacco	rural areas except
					those states where
					share of scheduled
					tribe population is
					higher where many of
					them migrate to urban
					slums. The study
					further concluded that
					work participation rate

					and type of workers of
					slum population is
					similar to those of
					urban population.
4	Chatterjee, P.	Child Ragpickers in	To study the	The kind of	Government should try
	(2015).	India and violation	human right's	work done by	to bring new schemes
		of Their Human	violation of rag	the children,	for the development of
		Rights.	picker children	amounts to	the deprived part of the
				violation of their	society so that no child
				basic human	becomes rag picker
				rights. Even if	and victim of
				they are not	exploitation and
				forced by	trafficking. Once the
				anyone to do	poverty from the
		166		such kind of	society is eliminated,
				work still it will	automatically all
				amount to	related problems will
				violation of their	finish.
				basic human	
				rights. Poverty	
		1 34,		and illiteracy are	
		134		most common	
				reasons behind	
				any kind of	
				violation of	
				human rights.	
5	Lal, B. S.	Waste management,	To study socio-	Unemployment	The ultimate solution
	(2019).	health hazards and	economic	and poverty are	to this problem is by
		earnings of child	conditions of	the root causes	way of social
		rag pickers in	child rag	of children	awareness and work of
		Telangana	pickers,	getting in to rag	action groups to help
			understand	picking and	develop these
			their health	suffering from	children's sense of
			problems and	health hazards	social security and
			examine their	because of	belongingness. Such
			earning and	unhygienic	social work requires

			spending	practices and	commitment and
			patterns.	working	dedication from
				conditions.	government agencies,
				Findings: - the	non-government
				ultimate solution	organizations and
				to this problem	community as a whole.
				is by way of	
				social awareness	
				and work of	
				action groups to	
				help develop	
				these children's	
				sense of social	
				security and	
		466		belongingness.	
6	Ojha, V. K.,	Role of rag pickers	To study the	The study	The paper
	Tripathi, V., &	in solid waste	role of rag	highlights the	recommended that
	Krishna, V.	management: A	pickers in	role of rag	dumping of collected
	(2014).	case study of	managing the	pickers in	waste from different
		Mirzapur, UP.	solid waste	collection of	wards of Mirzapur
				recyclable and	needs good
		131			management practices
				from the source	since amount of solid
				to dumping site	waste has increased
				which as per the	many folds due to
				author's	increasing urbanization
				observation	and life style adopted
				reduces the	by the people. It
				burden of	further stated that areas
				collecting and	for landfills should be
				transportation on	reduced as far as
				the municipal	possible to mitigate the
				authorities. They	harmful effects of
				also observed	GHG emission.
				that socio-	
				economic status	

				of rag pickers is	
				at very low	
				level. They also	
				suffer with	
				multiple health	
				problems in the	
				process of their	
				work.	
7	Dutta, N.	Study on street	The primary	The study aimed	It is likely that no
	(2018).	children on their	objectives of	to assess the role	previous attempts have
		access to health and	the study were	and the	been made to study
		education.	to find	effectiveness of	accessibility to both
	(outaccess to	social work	health and education of
			health and	intervention in	street children in these
		166	education in	ensuring the	two study areas. The
			street children	rights of	study has aimed to
			from 6 to 18	vulnerable	identify the role of
			years old in the	children	social intervention in
			Indian		ensuring some of the
			metropolises of		basic rights of street
		1 30,	Mumbai and		children.
		134	Kolkata.		
8	Roy, P. (2018).	Effects of poverty	To highlight	Primary needs	Free high school
		on education in	impact of	of people for	education and
		India	poverty on	attaining a	increased number of
			children in	satisfactory	functioning health
			India and To	quality of life	centers should be
			understand	like food items,	provided by the
			how health	clean drinking	government. Necessary
			and education	water should be	steps to develop health
			is effected by	available more	and education sectors
			poverty	readily.	in North East states
					will go a long way in
					improving the quality
					of life of people.
9	Santoshi, K. &	Prevalence of health	Objective was	It was found that	The study revealed

	UV, Kiran.	problems of rag	to find out	women suffer	that rag pickers
	(2022).	pickers due to	causes of	with more health	generally suffer from
		various hazards at	health	problems then	skin problems like
		Lucknow.	problems	the men because	itching and dermatitis,
			amongst the	of mal-nutrition	respiratory problems,
			rag pickers.	and fragile	eye problems, diarrhea
				health. In this	and dysentery, cuts due
				study it was	to handling sharp
				revealed that	objects, cough-cold
				majority of the	and fever and multiple
				rag pickers had	health challenges
				migrated from	because of operating in
				Assam, Bihar	hazardous work
				and West	environment
		165	-31	Bengal.	
10	Soni. P. (2014).	A study on rag	In this study	The findings of	There was need to
		pickers of Delhi	the researcher	the study	improve the living
			focused on the	showed that the	conditions, health care
			social and	lives of rag	and education of the
			economic economic	pickers in Delhi	rag pickers. They had
			conditions of	were affected	limited access to
		131	rag pickers.	badly on the	amenities because of
				grounds of their	their low earning
				income, living	capacity which needed
				conditions, and	to improve.
			·	access to basic	
				amenities like	
				education and	
				healthcare	
11	Suresh, L. B., &		_	The major	Government as well as
	Chary, T. J.		the study were	finding is that a	other national and
	(2006).	pickers In Warangal	to find out the	situation has	international non-
		City	socio-	been created due	government
			economic	to the existing	organizations are
			background of	social, political,	working and
			child rag	and economic	implementing various

		,	pickers and to	pressures in	plans for child welfare
			assess the	society which	in the area but efforts
			working	needs to be	are not enough to bring
			conditions and	addressed at the	substantial changes to
			exploitation of	grass root level,	improve the conditions
			the child rag	through an	of child labor.
			pickers .	attitudinal	
				change in the	
				society.	
12	Khan, D. M., &	A study of urban	To examine the	The findings of	. The need for food and
	Mawon, S.	Child labor in	socio-	this study	survival becomes the
	(2023).	Nagaland, India	economic-	revealed the dark	driving force for the
			cultural	reality of the	children entering the
			background of	lives of rag	rag picking occupation
		166	the rag pickers	pickers, all of	which also acts as a
			and to assess	who were out of	hindrance to their
			the	school with	education. There was
			perspectives of	majority having	need for the
			child rag	to discontinue	government and other
			pickers on their	their studies	agencies to ensure that
			reasons for	after completing	children are supported
		131		only 1st-5th	for their education.
			picking.	standard. The	
				major reason	
				cited was to	
			Ť	support their	
				family because	
				income was	
				insufficient to	
				support their	
12	D	B 11	TEN 3	education.	A: 0
13	Prasad, R., &	Problems and			Aim of any
	Gupta, N.	prospects of slums		that the success	development plan is to
	(2016).	in India.	architects and	of any scheme	improve the living
			working as	depends on the	conditions of people
			teaching	data available in	living in deplorable

			faculty in	the relevant	conditions and
			different	documents but it	integrate them with the
			institutions of	is generally	growing cities. But,
			Rajasthan. The	observed that	most of the initiatives
			paper gives out	data of the	remained only partially
			definitions of	targeted	successful as the
			slums,	population is not	population in the slums
			associated	accurately	continued to grow and
			problems of	maintained	also there were many
			dwellers,	resulting in to	administrative and
			various	failure of various	governance reasons
		100	legislations	schemes	because of which the
			related with the	proposed for	programs could not
			slums and	development.	reach the beneficiaries.
		165	suggestions to		
			improve the	9 , 1	
			quality of life		
			of the residents		
			and other		
			miscellaneous		
			issues.		
14	Bele, T. K.	Child Rag Pickers:	Objectives of	The study was	The study
	(2023).	A Sociological	this study were	analytical as	recommended that
		Study in Nagpur	to understand	well as	child labor was a social
		City.	socio-	descriptive in	problem the
			economic	nature. It was	government and other
			status of child	revealed that	social agencies should
			rag pickers,	school dropout	get involved in
			assessing their	rate was high	resolving this issue.
			working	however; boys	This problem should
			conditions and	were found to be	be addressed with
			impact on their	more literate	human centric
			health of the	than girls.	approach where the
			work	Working and	main focus should be
			environment	living conditions	on investment in
				of these children	peoples' potential,

	-			were unhygienic	enable them to learn
				and they were	new skills to make
				under constant	them employable so
				threat of being	that they are
				infected by	financially secured.
				multiple health	
				problems. Many	
				of the children	
				were not able to	
				earn money to	
				buy even two	
				meals a day and	
			,	substantial	
				number survived	
		166	-34	on one meal	
				only.	
15	Khambeka, A.	"A Study of	Objectives of	Women	The study
	S., Joshi, M. D.,	Occupational	the research are	collected waste	recommended certain
	Joshi, & Godam,	Health Hazards	to study	from municipal	measures to make their
	S. S. (2020).	among Women Rag	occupational occupational	dustbins,	life better which
		pickers in the	health risks to	dumping	included provision of
		Marathwada Region	women waste	grounds and	information of
		of Maharashtra state	pickers, their	street corners.	government schemes,
			physical and	Their health and	awareness of their
			mental health	hygiene	rights, education
			issues,	depended upon	opportunities, medical
			common	the work place	facilities, skill
			illnesses and	environment	development programs
			availability of	which always is	and legal aids etc.
			medical	dirty and	drinking water and
			facilities.	hazardous. Most	toilet facilities should
				of them get cuts	be provided near their
				while collecting	work places. They
				glass, metals, tin,	should be encouraged
				screw, nails and	to wear protective
				other sharp	gears at work.

				objects They	
				objects. They	
				also get bitten by	
				dogs, pigs, rats	
				and snakes and	
				reason is that	
				they do not wear	
				any protective	
				gear like gum	
				boots and	
				gloves. Most	
				common health	
				problems	
				reported by	
				women rag	
		16	2	pickers were	
				itching in the	
				eyes, joint pains,	
				backache,	
				vomiting,	
				common cold,	
				fever and skin	
				problems.	
16	Dhungel, D.	Working status of	The objectives	The study brings	Size of family was
	(2016).	rag pickers in the	of the study	out detailed	influenced in general
		Kathmandu valley.	were to	information on	by sociological reasons
			identify the	the problems and	besides economic
			economic	socio- economic	reasons. The national
			background of	background of	average of family size
			rag pickers,	child rag pickers	in Nepal is 5.1. Poor
			causes of child	in Kathmandu	families have normally
			rag pickers	Valley. Special	high fertility rates and
			who turned	focus is given to	hence bigger family
			into this	family	size. The parents of
			profession and	background from	bigger family are
			to find the	which rag	unable to provide food
			general	pickers originate	and shelter to all the

			working		family members.
			conditions and		Children lack
			health status of		opportunities for
			rag pickers.		education and good
					health, and run away
					from home. These are
					some of the factors to
					prompt a child to join
					the group of rag-
					pickers. Overall
					discussions led to the
					conclusion that poverty
					and illiteracy of
					parents were the major
		166			factors for growing
			3		numbers of child rag-
				3.1	pickers in Nepal. The
					overall working
					conditions of the rag-
					pickers children were
					found to be far from
		130			satisfactory. Living
					conditions were
					extremely poor with no
					hygiene and sanitation.
17	Gitau, M. W.	Analysis of the role	The study	The study	The findings of this
	(2019)	of waste pickers on	focused on the	sample consisted	study highlight the
		informal solid waste	income,	of rag pickers	socio-economic profile
		management: A	education	from various	of rag pickers in
		case of Roysambu	levels and	regions of	Nairobi. Income levels
		Constituency,	access to	Nairobi,	were found to be
		Nairobi County.	healthcare	ensuring a	generally low with
			services of the	diverse	many participants
			rag pickers	representation of	struggling to meet their
				their socio-	basic needs. Access to
				economic	education was limited

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				experiences.	with a significant
					number of rag pickers
					lacking formal
					education or having
					minimal educational
					qualifications.
18	Gutberlet, J.,	Waste pickers and	Objective of	Waste pickers	The findings of this
	Sorroche, S.,	their practices of	the study was	play a vital role	study reveal the
	Martins Baeder,	insurgency and	to gain insight	in waste	complex living and
	A., Zapata, P., &	environmental	of the living	management and	working conditions
	Zapata Campos,	stewardship.	and working	recycling, yet	faced by waste pickers
	M. J. (2021).		conditions of	their working	in Buenos Aires.
	(Buenos Aires,	environments	Understanding their
			Argentina.	and socio-	realities is essential for
		166		economic	developing targeted
			3	conditions often	interventions aimed at
				present	improving their
				significant	livelihoods and well-
				challenges. A	being, enhancing
				comprehensive	income levels,
				research	ensuring safe working
		134		approach,	environments,
				utilizing	promoting social
				qualitative and	protection, and
				quantitative	enhancing access to
				methods to	healthcare services are
				collect data on	vital steps towards
				the living and	empowering waste
				working	pickers and fostering a
				conditions of	more equitable society.
				waste pickers,	,
				was adopted.	
19	Masood, M., &	Framework for	The study	The research	The study
	Barlow, C. Y.	integration of		sheds light on	·
	(2013).	informal waste	income, living	the socio-	enhancing income
	, , , , , , , , , , , , , , , , , , ,	management sector		economic	levels, improving
			, , , , , , , , , , , , , , , , , , ,		. 1

		with the formal	access to	conditions of the	living conditions and
		sector in Pakistan.	education and	rag pickers at	ensuring access to
			healthcare	Lahore	education and
			services. The	Recognizing the	healthcare services are
			research sheds	challenges, they	crucial steps towards
			light on the	face is essential	empowering rag
			socio-	for developing	pickers and fostering a
			economic	targeted	more equitable society.
			conditions	interventions	Integrating rag pickers
			experienced by	aimed at	into waste
			rag pickers in	improving their	management systems
			Lahore.	livelihoods.	and creating
					opportunities for skill
					development will go a
		166			long way in their
			3	.	social and economic
					upliftment.
20	Raihan, M. M.	Health care	The aim of the	The study	Women go for modern
	H., Islam, M. N.,	situation of migrant	study was to	revealed that the	medical assistance,
	Rouf, A.,	slum women;	analyze socio-	women have	although some of them
	Begum, A.,	Evidence from	economic	very limited	use traditional
	Rahman, M. M.,	Sylhet City of	condition,	access to	treatment because poor
	Murad, M., &	Bangla Desh	living	economic and	earnings and non-
	Das, S. (2014).		conditions and	social	affordability of
			types of	opportunities,	expensive treatment.
			various	specifically the	Since the quality of
			ailments	health care. No	life is very poor, they
			suffered by the	standard sanitary	are unaware of their
			women.	latrines or	health seeking
				urinals were	behavior, particularly
				available and the	reproductive health
				slum women had	problems.
				to often defecate	
				in open and	
				kuchcha latrines.	
				Garbage is	

disposed close to the living areas which makes them incessantly suffer from a variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice and dysentery.			,
areas which makes them incessantly suffer from a variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		disposed close	
makes them incessantly suffer from a variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		to the living	
incessantly suffer from a variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		areas which	
suffer from a variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		makes them	
variety of diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		incessantly	
diseases like headache, skin diseases, worms, fever, cough and cold, jaundice		suffer from a	
headache, skin diseases, worms, fever, cough and cold, jaundice		variety of	
diseases, worms, fever, cough and cold, jaundice		diseases like	
fever, cough and cold, jaundice		headache, skin	
cold, jaundice		diseases, worms,	
		fever, cough and	
and dysentery.		cold, jaundice	
		and dysentery.	

Discussions & Summary

The objective of this paper is to carry out a comparative literature review of already published work at multiple cities within India and some of the other countries of the world related to the demography, socio-economic conditions, and issues related to the living and working conditions of rag pickers in urban slums. In the process, an attempt has been made to review some of the academic articles, research material, conference papers, material available in the public domain, and other published material on the subject. Major findings and issues are being discussed in the succeeding paragraphs.

It was revealed that the children of the rag pickers were the major sufferers because they were robbed of their childhood without any of their faults. There was an urgent need to look into their lives and design some initiatives so that they are educated and lead a life of dignity, pride, and security. The Government should try to bring new schemes for the development of this deprived part of society so that no child becomes a rag picker and victim of exploitation and trafficking. Once poverty in society is eliminated, automatically all related problems will finish. There was a need for strict implementation of legislation against the employment of children in hazardous occupations since they had no access to immunization and vaccination against hepatitis, rabies, and tetanus. It was likely that no previous attempts had been made to study accessibility to both health and education of street children in some of the study areas thus, the importance of the role of social intervention in ensuring some of the basic rights of street children was recommended. The government as well as other national and international nongovernment organizations were working to implement various plans for child welfare in the area but efforts were not enough to bring substantial changes to improve the conditions of child rag pickers. Child labor is a social problem, and the government and other social agencies should get involved in resolving this issue. The problem

should be addressed with human human-centric approach where the main focus should be on investment in peoples' potential, enabling them to learn new skills to make them employable so that they are financially secure.

The sex ratio of the slum population was almost similar to that of the urban population as their behavior towards girl children was found to be the same in both cases. The majority of the scheduled tribe population continued to live in rural areas except for those states where the share of the scheduled tribe population was higher and many of them migrated to urban slums. The study further concluded that the work participation rate and type of workers of the slum population were similar to those of the urban population.

The ultimate solution to the waste management, health hazards, and employment of child rag pickers was by way of social awareness and work of action groups to help develop these children's sense of social security and belongingness. Such social work requires commitment and dedication from government agencies, non-government organizations, and the community as a whole. Emphasis was laid on the development of health and education sectors in North- East states of India where it was found that the quality of life of people involved in rag picking was too much below the expectation.

Studies on the health problems of rag pickers due to various hazards related to their work revealed that they generally suffered from skin problems like itching and dermatitis, respiratory problems, eye problems, diarrhea and dysentery, cuts due to handling sharp objects, cough-cold and fever and multiple health challenges because of operating in hazardous work environment. They did not have access to medical facilities due to poor economic conditions. Most of them were not able to avail themselves of government medical aid because of a lack of proper identity documents. Many programs have been initiated by the authorities but most of the initiatives remained only partially successful as the population in the slums continued to grow and also there were many administrative and governance reasons because of which the programs could not reach the beneficiaries. A specific study on women rag pickers revealed that they were not aware of the government schemes, their rights as woman workers, educational opportunities, skill development programs, and legal aids available to women workers.

The study carried out in Nepal revealed that the size of a family was influenced in general by sociological reasons besides economic reasons. The national average of family size in Nepal was 5. Poor families had normally high fertility rates resulting into more number of family members. The parents of the bigger family were unable to provide food and shelter to all the family members. Children lack opportunities for education and good health and run away from home. These are some of the factors to prompt a child to join a group of rag-pickers. Overall discussions led to the conclusion that poverty and illiteracy of parents were the major factors for the growing numbers of child rag-pickers in Nepal. The overall working conditions of the rag-picker's children were found to be far from satisfactory. Living conditions were extremely poor with no hygiene and sanitation. The study findings at Nairobi in Kenya revealed that Income levels of waste pickers were generally low with many participants struggling to meet their basic needs. Access to education was limited with a significant number of rag pickers lacking formal education or having minimal educational qualifications. In Buenos Aires, Argentina,

understanding the complex living and working conditions faced by waste pickers and their realities was essential for developing targeted interventions aimed at improving their livelihoods and well-being. Enhancing their income levels, ensuring safe working environments, promoting social protection, and enhancing access to healthcare services were vital steps towards empowering waste pickers and fostering a more equitable society. The study at Lahore in Pakistan recommended that integrating rag pickers into waste management systems and creating opportunities for skill development will go a long way in their social and economic upliftment. The study of the health care situation at Sylhet City of Bangla Desh of the migrant slum women felt that very few women go for modern medical assistance whereas most of them use traditional treatment because of poor earnings and non-affordability of expensive treatment. Since their quality of life was very poor, they were unaware of their health-seeking behavior, particularly reproductive health problems.

Good management practices were required since the amount of solid waste had increased many folds due to increasing urbanization and the lifestyle adopted by the people. As far as possible, the numbers and size of the landfills needed to be reduced to mitigate the harmful effects of GHG emissions. There was a need to integrate the informal Solid Waste Management with the formal systems existing in urban towns the world over. The waste pickers need to be treated with dignity as they have a significant contribution to keeping our environment safe.

References

- 1. Abbas, A., Guriro, S., Azeem, M., Abbas, M., Mahmood, S., & Imran, M. (2018). Journal of Independent Studies and Research: Social Sciences, 16(1), 143-158.
- 2. Salam, A. (2013). Living and educational conditions of child rag pickers on base of solid waste of Guwahati City in Assam. Research Journal of Humanities and Social Sciences, 4(2), 185-189.
- 3. Bala, R., & Singh, S. (2019). Working conditions, work hazards and job satisfaction: A study of informal child rag pickers in Patiala District, Punjab (India).
- 4. Bele, T. K. (2023). Child rag pickers: A sociological study in Nagpur City. International Journal of Creative Research Thoughts, 11(10). https://www.ijcrt.org
- 5. Chatterjee, P. (2015). Child ragpickers in India and violation of their human rights. European Researcher, 91(2), 155-162. http://www.erjournal.ru
- 6. Dhungel, D. (2016). Retrieved from https://elibrary.tucl.edu.np/bitstream/123456789/11670/1/All%20thesis.pdf
- 7. Dutta, N. (2018). Street children in India: A study on their access to health and education. International Journal of Child, Youth and Family Studies, 9(1), 69-82. https://doi.org/10.18357/ijcyfs91201818277

- 8. Iyer, S., Shah, H., Patel, J., Panchal, V., Chaudhary, S., & Parmar, T. (2023). Exploring the Lives of Women Rag Pickers in an Indian Metropolitan City: A Mixed-Methods Cross-Sectional Study on Social and Occupational Determinants Shaping Their Existence Curēus. https://doi.org/10.7759/cureus.47464
- 9. Khambeka, A. S., Joshi, M. D., Joshi, & Godam, S. S. (2020). A study of occupational health hazards among women rag pickers in the Marathwada region of Maharashtra state. International Journal of Advanced Research and Innovative Ideas in Education, 6(6), 440-13104. http://www.ijariie.com
- 10. Khan, D. M., & Mawon, S. (2023). Child labour in Nagaland: A case study of child rag pickers of Dimapur City. International Journal of Creative Research Thoughts, 11(3), 62-84.
- 11. Lal, B. S. (2019). Child ragpickers in India: An investigation in waste management health hazards and earnings in Telangana (Doctoral dissertation, Kakatiya University).
- 12. Masood, M., & Barlow, C. Y. (2013). Framework for integration of informal waste management sector with the formal sector in Pakistan. Waste Management Research, 31(10 Suppl), 93-105. https://doi.org/10.1177/0734242X13499811
- 13. Ojha, V. K., Tripathi, V., & Krishna, V. (2014). Role of rag pickers in solid waste management: A case study of Mirzapur, U.P. International Journal of Environmental Technology and Management, 17(2-3-4), 134-142. https://doi.org/10.1504/IJETM.2014.064087
- 14. Prasad, R., & Gupta, N. (2016). Problems and prospects of slums in India. International Journal of Multidisciplinary Approach and Studies, 3(5), 67-78.
- 15. Raihan, M. M. H., Islam, M. N., Rouf, A., Begum, A., Rahman, M. M., Murad, M., & Das, S. (2014). Health care situation of migrant slum women: Evidence from Sylhet City of Bangladesh. Bangladesh e-Journal of Sociology, 11(1).
- 16. Roy, P. (2018). Effects of poverty on education in India. Journal of Emerging Technologies and Innovative Research, 5(8), 2849-2856. http://www.jetir.org
- 17. Santoshi, K. & UV, Kiran. (2022). Prevalence of health problems of rag pickers due to various hazards at Lucknow. Retrieved from https://www.researchgate.net/publication/348690
- 18. Soni, P. (2014). Journal of Alcohol Drug Dependence, 2(4). https://doi.org/10.4172/2329-6488.1000167
- 19. Suresh, L. B., & Chary, T. J. (2006). An empirical study on child rag pickers in Warangal City. Indian Journal of Human Rights and Justice, 2(1-2), 39-48.
- 20. Gitau, M. W. (2019). Analysis of the role of waste pickers on informal solid waste management: A case of Roysambu Constituency, Nairobi County. http://erepository.uonbi.ac.ke/handle/11295/153061

21. Gutberlet, J., Sorroche, S., Martins Baeder, A., Zapata, P., & Zapata Campos, M. J. (2021). Waste pickers and their practices of insurgency and environmental stewardship. Journal of Environmental Development, 30(4), 369-394. https://doi.org/10.1177/10704965211055328

