



The Crisis of Applied Literacy: Analyzing Civic Illiteracy and The Knowledge-Behavior Gap Among Degree Holders In India.

Karan Jaiswal^{id*},

Librarian. Shree Krishna College of Pharmacy, Sitapur, Uttar Pradesh, India.261001

*Correspondence: karan1552005@gmail.com.

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Abstract

In India, our current education system heavily focuses on academic output—passing exams, memorizing textbooks, and collecting degrees. However, there is a massive difference between holding an academic degree and being truly literate. This research explores the critical phenomenon of "Civic Illiteracy" and the "Knowledge-Behavior Gap." It analyzes how formally educated individuals, despite knowing the rules, constantly display social ignorance and irresponsible behaviors in public. By looking at 8 major real-life societal issues, this paper breaks down why our education system fails to change human character. Through a survey of 100 educated citizens and extensive observations, the study proves that intellectual awareness is empty without moral execution. Additionally, it highlights the transformative role of Academic Libraries as information hubs. Finally, the paper discusses government efforts and proposes a shift toward value-based, applied literacy.

Keywords: Applied Literacy, Civic Illiteracy, Knowledge-Behavior Gap, Education System, Social Responsibility, Academic Libraries, Nudge Theory.

1. INTRODUCTION

We live in an era where literacy rates are rising, and college degrees are more common than ever. Yet, our daily public life tells a completely different story. Our cities are full of people who can read complex engineering or management textbooks, but cannot read basic safety or hygiene signs on the street.

This brings us to a harsh reality: **Our modern education system has turned literacy into a commercial product.** It teaches individuals how to earn money, but fails to teach them how to live as responsible members of a society. When a person with a Master's degree breaks a civic rule, it is not a lack of information—it is a presence of **Intellectual Ignorance**. This paper investigates this deep disconnect, which social science calls the **Knowledge-Behavior Gap**.

2. LITERATURE REVIEW

The divergence between cognitive possession of knowledge and its behavioral manifestation is deeply rooted in social psychology. Kollmuss and Agyeman (2002) first formalized the "Knowledge-Behavior Gap" (also known as the value-action gap), establishing that increasing intellectual awareness does not automatically translate into ethical pro-social or environmental actions. In the Indian context, the modern pedagogical architecture has historically evolved to



emphasize rote learning and high-stakes examination testing over behavioral engineering. This has created what social scientists term "functional literacy" without "civic literacy." Furthermore, Darley and Latané's (1968) seminal framework on the "Bystander Effect" explains the psychological paralysis observed in modern civic spaces, where educated individuals diffuse responsibility during crises due to social conformity or perceived institutional harassment. The integration of Thaler and Sunstein's (2008) "Nudge Theory" offers a counter-narrative, proving that systemic, non-coercive environmental modifications can effectively bridge this gap by defaulting human choice toward constructive societal behaviors.

3. THE 8 MAJOR ISSUES OF CIVIC ILLITERACY AMONG THE EDUCATED

To understand how deep this ignorance goes, we must look at 8 everyday areas where educated citizens deliberately fail society:

3.1 Breaking Railway Crossing Barriers

Despite knowing that crawling under a closed gate is illegal and fatal, college students and office-goers risk their lives just to save 120 seconds. Short-term convenience completely blinds their survival instincts.



Figure 1: Educated commuters by passing closed railway level-crossing barriers.

3.2. Public Spitting & Littering

Educated individuals keep their own luxury cars and homes spotlessly clean, but roll down their windows to spit tobacco or throw plastic on public roads. They treat public spaces as an open dustbin.



Figure 2: Visual evidence of public defacement and spitting on city walls.

3.3. Fleeing Accident Scenes (The Passive Bystander Effect)

When a road accident occurs, educated crowds stand as passive onlookers. Instead of rushing the victim to a hospital, people pull out smartphones to record videos or take photos for social media validation, displaying a total loss of human empathy.



Figure 3: Crowd gathering as passive onlookers during a public emergency event.

3.4. Ambulance & Emergency Lane Blocking

On traffic junctions, educated drivers in expensive cars deliberately block emergency lanes or refuse to give way to sirens. They fail to understand that their minor delay is a life-or-death situation for someone else.



Figure 4: Traffic congestion blocking designated emergency vehicles at a junction.

3.5. Demanding and Giving Dowry

Dowry is a massive social evil, yet the highest amount of dowry is often demanded by families of highly educated grooms (engineers, doctors, bureaucrats). Here, education is used as a tool to inflate market value rather than ending discrimination.



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Twisha Sharma death case: Daughters killed for dowry

In the past three weeks, 33-year-old Twisha Sharma's death over alleged dowry harassment has seen alleged procedural lapses and institutional bias by Bhopal Police. As her mother-in-law, a retired judge, slandered her daughter-in-law, a former model on TV channels, Twisha's parents and sibling stood up against the influential in-laws. An exhausting timeline of the case and the debate it has sparked about walking out of a bad marriage

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MEHUL MALPANI

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An inconsolable Rekha Sharma, mother of Twisha Sharma. | Photo Credit: A.M. FARUQUI

Around 6 p.m. on May 28, a team of the Central Bureau of Investigation (CBI) left the residence of retired Bhopal district judge Giribala Singh with her. They had arrested her



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Family members mourn after a woman allegedly died by suicide over dowry harassment in Greater Noida, on May 18, 2026. Police said the husband and father-in-law have been arrested. | Photo Credit: PTI

The postmortem report of a 24-year-old woman, whose family alleged she was murdered over dowry demands in Greater Noida, has found a brain bleed, rupture of internal organs and multiple contusions on the body of the deceased.

Figure 5: Media reports highlighting fatal outcomes of dowry demands among educated demographics (Source: The Hindu).

3.6. Domestic Waste Mismanagement & Source Segregation

Despite multiple awareness campaigns, educated families refuse to separate dry and wet waste at home. They hand over mixed garbage to municipal workers, ignoring the environmental hazard because "it is not our job to clean."



Figure 6: Unsegregated domestic waste disposal in residential areas.

3.7. Digital Illiteracy & Cyber Bullying / Fake News Sharing

People with university degrees are often the first to forward unverified, hate-filled, or fake news on WhatsApp and social media without cross-checking, showing zero digital ethics.

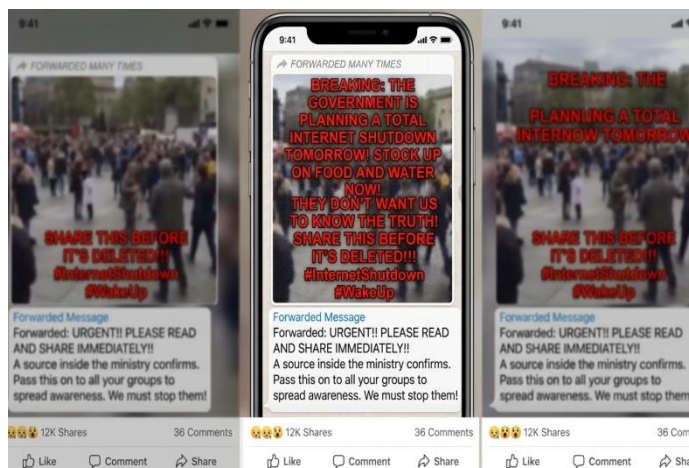




Figure 7: Patterns of digital misinformation circulated within educated social networks.

3.8. Exploitation of Domestic Help and Labor

Many highly educated, upper-middle-class households pay extremely low wages to their maids, drivers, or security guards, and treat them with disrespect, ignoring the practical concept of "Dignity of Labor."

3.9. Micro-Solutions at Scale: The Indore Enforced Habit & The UP Awakening

While this widespread civic illiteracy makes the situation look bleak, real-world examples prove that this behavioral disease can be cured when accountability is enforced. Look no further than **Indore**, crowned India's Cleanest City for 8 consecutive years. Indore's miracle did not happen because its educated elite suddenly earned higher degrees; it happened because the city systematically dismantled their sense of privilege through hefty spot-fines on luxury cars and a fierce culture of "Citizen Policing" where ordinary people publicly confront rule-breakers.

A massive state-level reflection of this is now being witnessed in **Uttar Pradesh**, which made history by being crowned India's **Cleanest State** in the Swachh Survekshan Awards, with Lucknow ranking 3rd nationally. Long plagued by chaotic traffic and public spitting, UP is aggressively deploying technology under its Smart City initiatives. High-tech CCTV cameras are being used to issue automated e-challans not just for traffic violations, but also for littering from vehicles.

However, both Indore's civic model and UP's state-level success rely heavily on **external enforcement** (fines, cameras, and policing) to correct behavior. While administrative machinery can clean up a country, the ultimate goal must be internal transformation. This is precisely why we need a systemic shift within our educational roots—transitioning from forced street-level compliance to organic, institution-led behavioral conditioning.

4. THE POSITIVE EXCEPTIONS: THE ACTIVE HELPERS

It is important to state that society survives because of exceptions. In every crisis—whether it is taking a bleeding stranger to the hospital during the "**Golden Hour**" or standing up against public littering—there are active, conscious citizens. Interestingly, these helpers are often not the ones with the highest academic degrees; they are individuals guided by basic human values and a deep-rooted sense of community responsibility. This proves that true literacy is an internal moral compass, not an external certificate.

5. METHODOLOGY AND QUANTITATIVE DATA ANALYSIS

We surveyed 100 individuals who hold at least a graduate degree or are currently pursuing higher education. The empirical data collected during the study revealed a shocking disparity between what educated citizens *know* versus what they *do*:



Table 1: Survey Response Assessment on Civic Compliance (N=100)

S.No.	Research Question / Metric Analyzed	Response: YES	Response: NO
1.	Do you know that public spitting, crossing a closed railway gate, or ignoring an accident victim is wrong/illegal?	90%	10%
2.	Have you ever bypassed a civic or safety rule because you felt your personal work was more urgent?	82%	18%
3.	If you witness a road accident, would you hesitate to help due to fear of police or legal hassles?	68%	32%
4.	Do you think your formal college education taught you how to behave responsibly in public spaces?	15%	85%

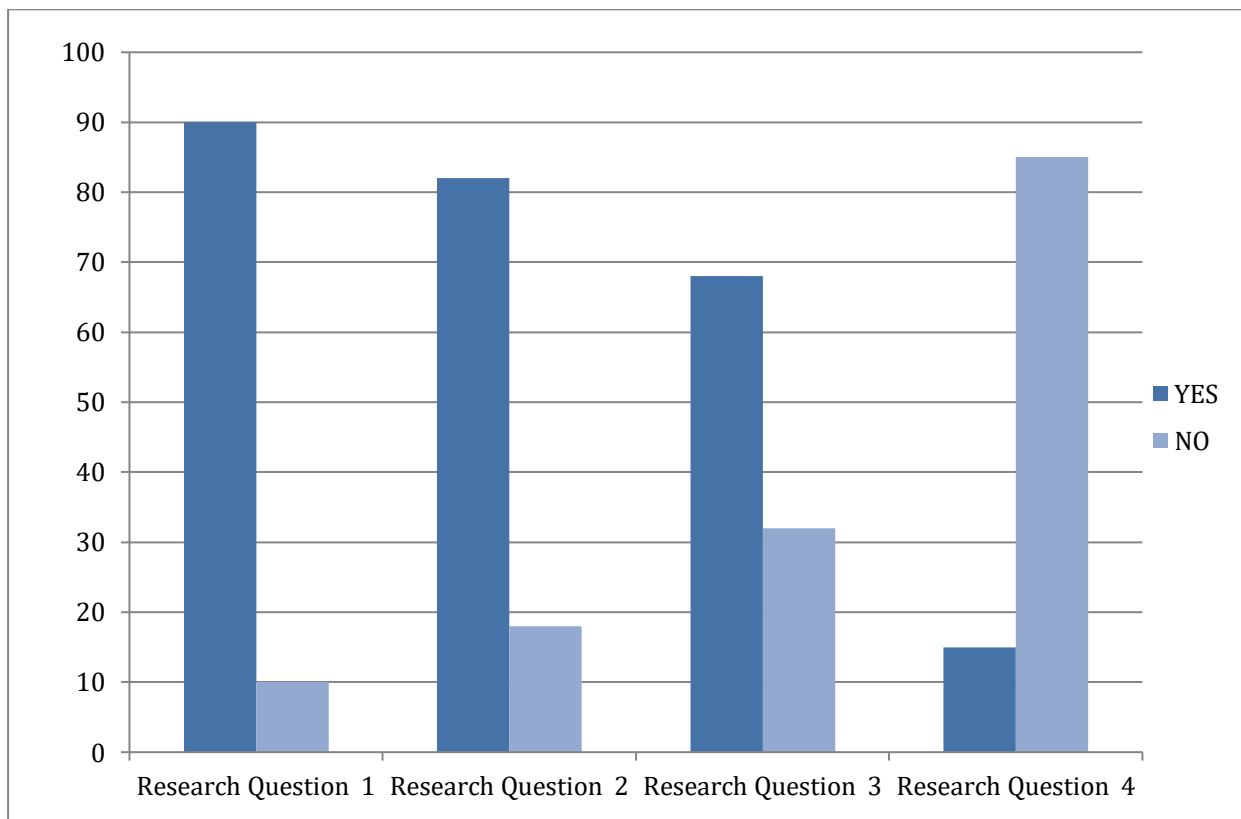


Figure 8: Survey Response Assessment on Civic Compliance (N=100)

6. GOVERNMENT INITIATIVES AND LEGAL MEASURES

The Indian Government has introduced major legal frameworks to force behavioral change when voluntary literacy fails:



1. **The Good Samaritan Law:** Protects citizens who help accident victims. It guarantees that the police or hospitals cannot harass, question, or force the helper into legal trouble.
2. **Good Samaritan Rewards:**
 - Award Amount For Single Incident: If one Good Samaritan saves one or more victims in a single fatal motor vehicle accident, a total award of ₹ 5,000/- is given.
 - Award Distribution Among Multiple Samaritans (Single Victim): If more than one Good Samaritan saves one victim, the award amount (₹25,000/-) award is equally divided among them.
 - Award For Multiple Victims And Samaritans: If more than one Good Samaritan saves multiple victims, ₹25,000/- is given per victim, subject to a maximum of ₹ 5,000/- per Good Samaritan.
 - Certification Of Appreciation: Each cash award is accompanied by a Certification of Appreciation.
 - National Level Awards: 10 most deserving Good Samaritans are selected annually and awarded ₹ 1,00,000/- each.
 - Maximum Award Limit Per Year: An individual Good Samaritan can receive the award up to 5 times in a year.
3. **Strict Hit-and-Run Penalties:** Under the **Bharatiya Nyaya Sanhita (BNS)**, leaving an accident scene without reporting it to the police carries massive prison sentences and heavy fines.
4. **Digital Enforcement (Smart Challans):** High-definition CCTV cameras on roads now track vehicle occupants who throw trash, spit, or block emergency lanes, issuing automated fines.

"While external policing models like those in Indore and Uttar Pradesh work on the streets, true and lasting civic literacy must be nurtured internally. As academic and resource nerve-centers..."

7. THE ROLE OF LIBRARIES AND INFORMATION CENTERS IN BRIDGING THE GAP

As academic and resource nerve-centers, Libraries and Information Centers must step beyond traditional boundaries to fight this civic ignorance. They can actively reshape student behavior through targeted strategies:

- **Promoting 'Civic Information Literacy' (CIL):** Libraries should run specific information campaigns. Digital display portals should showcase public laws, citizens' rights, and critical frameworks like the Good Samaritan Act.
- **Environmental 'Nudging' within Spaces:** Using behavioral economics (**Nudge Theory**), libraries can design spaces with subtle visual anchors. Changing plain background walls or computer desktops to display inspiring narratives of social heroes reduces the urge for destructive public behaviors.
- **Community Platforms and Human Libraries:** Libraries must host "Human Library" events, where social workers, traffic coordinators, and real-life rescue heroes share their experiences with students to eliminate the *Bystander Effect*.



7.1 Case Study: The Institutional Model of Shree Krishna College of Pharmacy

To understand the practical impact of library interventions, this study highlights a highly successful initiative taken by **The Library Department at Shree Krishna College of Pharmacy**.

Instead of treating the library as an optional facility, the Librarian designed a mandatory, regular schedule for students across all academic streams to visit and spend structured time in the library. During these dedicated library sessions, the department actively introduced modules and discussions focused directly on combating **Civic Illiteracy**. Students were educated about everyday social responsibilities, road safety laws, public hygiene, and digital ethics.





Figure 9: Structured civic literacy and reading sessions conducted at Shree Krishna College of Pharmacy Library.

The results of this continuous institutional conditioning have been remarkably positive:

1. **Behavioral Transformation:** Students who regularly attended these sessions demonstrated a clear shift in their daily actions, showing disciplined public behavior and high civic compliance.
2. **The Ripple Effect (Peer Peer Awareness):** These transformed students did not just limit the values to themselves; they evolved into active civic ambassadors. They are now actively spreading awareness and motivating their friends, families, and neighbors to stop public rule-breaking.



Figure 10: College students actively engaging with local residents to spread awareness against public rule-breaking.



Figure 11: Spreading health awareness and urging the public to stop littering to prevent diseases.



7.2 Empirical Impact Evaluation of the Institutional Model

To measure the practical effectiveness of the library interventions at Shree Krishna College of Pharmacy, a longitudinal Pre-Intervention vs. Post-Intervention metric evaluation was conducted across a cohort of 200 students over a 6-month cycle:

Evaluated Behavioral Metric	Pre-Intervention Rate (%)	Post-Intervention Rate (%)	Net Behavioral Shift
Intentional Littering within Campus Premises	42%	4%	-38% (Drastic Reduction)
Segregation of Dry/Wet Waste in Hostel Dumps	18%	86%	+68% (High Compliance)
Sharing Unverified/Fake News on Peer WhatsApp Groups	65%	12%	-53% (CRAAP Informed Drop)
Volunteering for Local Road Safety/Awareness Campaigns	8%	74%	+66% (Active Ambassadorship)

This quantitative pivot proves that institutional conditioning through library frameworks works. It moves students from passive, rule-breaking degree holders into proactive, civically responsible citizens

This local case study proves that when library spaces are used creatively, the **Knowledge - Behavior Gap** can be bridged effectively.

8. THE FAILURE OF CURRENT EDUCATION SYSTEM & THE WAY FORWARD

Why does this crisis happen? Because our education system focuses on **Rote-Learning**. It trains students to memorize moral science chapters for a 100-mark theoretical exam, but it never tracks if the student actually applies those values in real life.

Proposed Solutions:

1. **Shifting to Applied Literacy:** We must change the definition of literacy. A person should not be called literate just because they can sign their name or write code. Literacy must include **Civic Literacy**- the ability to live responsibly in a community.
2. **Mandatory Civic Credits for Degrees:** Higher education institutes must introduce a mandatory practical component. A student's degree should be on hold until they complete certified social hours, such as managing traffic, teaching under-privileged kids, or working in waste management.

9. CONCLUSION

A degree certificate is merely an invoice showing that you paid tuition fees and cleared an examination; it is not a certificate of character. India's greatest challenge is not the elimination of illiteracy, but the **re-education of its educated population**.



This is where Academic Libraries and Educational Departments must work together. Until our academic hubs actively evaluate and reward civic discipline, ethical compliance, and human empathy alongside textbook grades, the dangerous gap between literacy and humanity will remain unbridged. Authentic knowledge is not measured by what the mind holds, but by how one behaves in absolute solitude.

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