



PRISONERS WITH DISABILITIES IN INDIA: CHALLENGES AND STRATEGIES FOR INCLUSIVE INCARCERATION

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Abstract: The constitutional protections afforded to disabled inmates were further discussed. Nevertheless, a thorough and strong legal framework is necessary to close the gap among the constitutional promises with their actual execution. The requirements of disabled inmates are not adequately addressed in India, which is a great disappointment. There is a vast variety of shapes that physical environment might take when it comes to the challenges that a handicapped person suffers. Whether it's a result of laws, policies, societal attitudes, prejudice, or a lack of services like transportation, justice, or communication and information technology, they face significant challenges. People with disabilities have a right to live with the respect and physical integrity that are fundamental to their dignity, and the demand for any institution that caters to their particular needs and treatment is respectful of that right. Their right to basic freedoms and human dignity might be flagrantly violated if their need is not met. The purpose of this article is to investigate the level of disability friendliness in our correctional houses. In this section of the article, the loopholes in the legislation designed to accommodate disabled inmates will be discussed. It would then propose policy reforms for India based on a comparative study of its legal frameworks across jurisdictions.

Keywords: Prison, Disability, Inclusive Incarceration, Rehabilitation, India

I. INTRODUCTION

In response to a petition detailing the agony and deplorable circumstances endured through Professor G. Saibaba while Stan Swamy, the Supreme Court has recognized a grave problem with the absence of handicapped-friendly facilities in penal institutions [1]. The absence of a legislative framework to protect the rights of handicapped convicts was pointed up by a bench of Justices Vikram Nath along with Sandeep Mehta, who were part of the 2016 Persons with Disabilities Act. In India, a significant section of our population—more than 26.8 million people—live with impairments. Twenty percent have trouble moving about, nineteen percent have trouble seeing, and nineteen more have trouble hearing. Plus, 8% have to deal with the added difficulty of having more than one disability [2]. A sobering truth emerges from the 2011 Census: there is a disproportionately high number of people with disabilities among our youth (17% between the ages of 10 and 19, and 16% between the ages of 20 and 29). This data is more than just numbers; it represents real people whose dreams and ambitions are often stymied by the obstacles that society puts in their way. Equal opportunity and safeguarding from discrimination are fundamental rights that all people, regardless of disability, should enjoy [3]. Nevertheless, despite these laws, ableism permeates many spheres of Indian society and the economy, systematically undermining their rights. To tackle this, India passed a new law in 2016 known as the Rights of Persons who have Disabilities (RPwD) Act, which supersedes the previous disability law passed in 1995. All people with disabilities should be able to live with respect and equal opportunity, and that is the goal of the RPwD Act. The elimination of disability discrimination and the promotion of disability inclusion were the long-term goals of the protests and activism that led to this Act. For disability rights in India, the RPwD Act was a watershed moment [4]. As stated in the 2007 United Nations Convention on the Protection of the Rights of Persons with Disability (UNCRPD), it adhered to global values such as accessibility, inclusion, and full participation.

This change to the social concept of disability acknowledged that disabilities are only symptoms of broader social obstacles. Realizing the difficulties experienced by people with disabilities is about more than only righting a huge injustice; it's also about acknowledging the inherent worth and potential of every person. Everyone may have a chance to succeed and contribute in a society that promotes inclusion and breaks down barriers. Equal protection under the law and respect for individual dignity are at the heart of disability justice. In a recent notification to the public interest, the Supreme Court requested that jails nationwide strictly follow the Rights of Persons with Disabilities Act, 2016 [5]. Sandeep Mehta and Vikram Nath, sitting as a bench, issued the directive. The next scheduled date for consideration of this case is 8 April 2025. Put simply, the petitioner is a political activist from Kerala who is looking for some kind of guidance. India has supported the human rights system wholeheartedly for many years. Nevertheless, recent shocking cases of human rights abuses against inmates, particularly those with impairments, have cast doubt on its otherwise beneficial function. We must ensure that our policies, rules, and processes are in line with the human rights model of disability, as outlined in the aforementioned documents, which place a focus on non-discrimination and reasonable accommodation [6]. By highlighting the need for data disaggregation, legislation changes, accessibility measures, along with decision-making autonomy support, we want to shed light on the present issues and suggest prison improvements that are disability-inclusive. Maintaining moral healthcare practices is critical. In order to fight structural injustices and guarantee that everyone has equal access to justice, it is critical that policymakers adhere to human rights concepts and legal requirements. As part of the 2004 Survey of Inmates in State while Federal Correctional Facilities, data was collected from 18,185 inmates who were questioned. We used Stata 13 to run the logistic regression algorithms on the survey data. Inmates continued to have a much greater disability prevalence rate than the general community. Individuals incarcerated were more likely than people living



outside of institutions to report difficulties with speech, sensory processing, and learning. Inmates who identify as having a handicap are more likely to have a history of criminal behavior and are more likely to have experienced socioeconomic deprivation in their lives outside of jail. While inmates without impairments were more likely to participate in educational programs, those with disabilities were less likely to do so. Among inmates, 41% claimed a handicap, with learning problems being the most prevalent. Inmates with disabilities were shown to be more likely to reoffend due to their inadequate vocational while work-related training while incarcerated, as well as their pre-incarceration experiences.

Challenges Faced by Disabled Prisoners

- **Inaccessible Infrastructure:** A lot of jails don't have wheelchair-accessible cells, ramps, or railings, which are very important pieces of equipment.
- **Denial of Medical Care:** Medical care, physical therapy, and even the most basic assistive items, including as hearing aids and walking assistance, are often not provided to inmates with disabilities.
- **Psychological Distress:** Prisoners with disabilities are more likely to suffer from anxiety, despair, and worsening mental health due to factors such as isolation, inadequate facilities, and abuse.
- **Data Deficiency:** It is difficult to execute policies when there are no official records that monitor the number or status of inmates with disabilities.

Rights of Persons with Disabilities (in Prisons)

- Article 14 ensures that inmates aren't discriminated against because of their handicap by guaranteeing equality before the law.
- The right to dignity and liberty, including the right to humane treatment for inmates, is upheld by Article 21.
- Inadequate implementation of the Rights of Persons via Disabilities Act, 2016 has resulted in inaccessible public venues, medical services, and assistive gadgets for inmates with disabilities.
- Although most states have failed to implement the modifications recommended by the 2016 Model Prison Manual, many facilities still do not have ramps or medical care options that are accessible to people with disabilities.
- **Supreme Court Judgments:**
 - In the 1983 Supreme Court case *Upendra Baxi vs. State of U.P.*, the right to humane treatment of prisoners was confirmed.
 - The Court called for immediate jail reform, including accommodations for prisoners with disabilities, in *Rama Murthy vs. State of Karnataka* (1996).
 - The refusal to provide people with Parkinson's disease with necessary assistance devices, such

straws and sippers, was highlighted in the *Stan Swamy Case* (2021).

A. *Struggles of Prisoners with Disabilities*

- **Disproportionate Abuse and Violence** - Abusive treatment by both other convicts and prison personnel is a serious problem for prisoners with disabilities. Victims of abuse, exploitation, and harassment are more likely to be physically impaired, have restricted mobility, or rely on others for basic necessities. Such abuse goes unpunished in many jails because of the absence of supervision. For example, allegations in the media and investigations into human rights have shown instances of inmates with disabilities who were physically attacked, verbally abused, or refused access to basic necessities.
- **Inaccessibility of Prison Infrastructure** - Prisons in India are notoriously bad places for people with disabilities to live since they were mostly built with able-bodied people in mind. Severe accessibility issues were found during an assessment of Delhi's Tihar, Rohini, and Mandoli prisons in 2018 by the Nipman Foundation. Inmates who use wheelchairs may have trouble navigating their cells and other communal areas because of the absence of ramps, rails, or adaptations that allow mobility aids. Prisoners often lack the fundamental accessibility elements, such grab bars or enough space for wheelchairs, which makes it difficult for them to attend to their personal hygiene requirements in a dignified manner. Some places including water coolers, recreation areas, and visiting rooms (mulaqat rooms) are not accessible to those with mobility issues, which further isolates them from their friends and visitors.
- **Denial of Medical Care and Special Assistance** - Inmates who are disabled often need specialized medical treatment, assistive technology, or even just someone to help them get about while incarcerated. However, these vital treatments are often neglected or denied by jails. Inmates who need physiotherapy, medicine, or a specific diet often experience delays or even complete rejection of their requests. Their predicament is made much worse by the lack of qualified staff to help with necessities like getting dressed, eating, or going the toilet.
- **Psychological Impact and Social Isolation** - In addition to physical pain, inmates with disabilities confront the triple whammy of abuse, inaccessibility, as well as neglect, which causes severe mental anguish. In conditions that do not meet their demands, many inmates suffer from despair, worry, and a lack of hope. Further isolating them, the incapacity to converse or engage in group activities further removes any possibility of normality or recovery.



B. Legal Frameworks, Unrealized Rights and the Role of Society and State

- **SC's Observation in Upendra Baxi vs. State of U.P. (1983) and International Laws-** All people, even those incarcerated, are guaranteed liberty, dignity, and equality under India's Constitution. *Upendra Baxi vs. State of U.P. (1983)*, which highlighted the necessity for decent living conditions in prisons, was one of numerous cases in which the Supreme Court reiterated fundamental principles. The Nelson Mandela Rules (2015) and the UN Convention on the Rights of Persons with Disability bind India internationally. In both cases, cruel and unusual punishment is forbidden and inmates with impairments are required to receive reasonable accommodations.
- **Rights of Persons with Disabilities Act (2016)** - In the United Kingdom, legislation such as the Rights of Persons having Disabilities Act (2016) makes it illegal to mistreat or neglect someone with a disability, and guidelines for respectable prison life are laid forth in the Model Prison Manual (2016) by the Ministry of Home Affairs. There is a clear lack of coordination between the rules and recommendations issued by the Ministry in 2024 to make jails more accessible and their actual execution.
- **The Role of Society and the State** - Indifference on the part of society contributes to an absence of political determination to reform prisons. A culture that rationalizes violence and neglect persists because many people see inmates as worthy of brutality. All inmates, even those with physical or mental impairments, have rights, and the state must absolutely protect them. The responsibility for ensuring adherence to laws and international responsibilities is on the state governments, since they are the ones that have control over prisons.

There are a lot of obstacles that make things worse for disabled inmates in Indian jails. Inmates and prison employees target them more often because of their physical limitations or reliance on another for basic necessities, making them easy prey for abuse and violence. Problems with ramps, grab bars, and working wheelchairs are common in prisons, which is a huge barrier to accessibility. While there are a number of rights for disabled inmates under Indian law, these provisions are not always put into effect. Humane treatment, accessibility, while protections against abuse are emphasized in laws like the Rights of Persons alongside Disabilities Act (2016) while global structures like the Nelson Mandela Rules. Systemic problems mean that enforcement is still insufficient, even with these safeguards.

II. RELATED WORK

The researchers of [7] human dignity are the backbone, the fulcrum, and the basic basis of human rights. Human rights are the basic liberties to which every individual, regardless

of nationality or place of birth, is automatically entitled. Everyone has access to human rights, regardless of their gender, ethnicity, religion, or location of birth. Everyone who breaks the law should face the consequences set forth by their criminal justice system. Providing citizens with sufficient safety nets and fair opportunities to forge their own identities is a modern-day duty of the state. Looking at the situation of inmates awaiting trial from the angles of human rights with judicial initiatives is the goal of that research.

Subjects who conducted experiments with [8] inmates endure horrendous conditions such as sanitary issues, overcrowding, third-degree torture, and cruelty as a form of punishment while incarcerated. In most cases, the tales spoken within jail walls remain hidden. So that inmates may live behind bars with respect for their humanity, prison administration must adhere to legal requirements. Prison rights jurisprudence and prison administration are interdependent. As human rights jurisprudence expanded and prisoner attitudes became more inhumane, the body of law protecting inmates' rights grew and matured. Detainees' human rights are safeguarded and upheld by a patchwork of laws that have evolved throughout time. A great deal of pain and suffering, however, persists despite the passage of several laws, and the number of violators increases every year. As societies have developed, so too has the field of human rights, which is always evolving. jail management, different kinds of prisons, and the responsibilities of jail personnel are covered in that study. Duties of corrections officers are examined in the article. The work has been completed using the doctrinal research technique.

Scientists looking into [9] because every person has inherent, fundamental rights. Being born a person gives us these rights automatically. According to native jurisprudence, these rights are considered essential in countries like India. These basic rights are enjoyed by a free person without any kind of arbitrary limitation. Inmates' rights cannot be limited without compromising access to justice, yet the law often fails to recognize inmates as individuals, leading to cruel treatment that disregards their rights. In many instances, the legal system fails to ensure that inmates get justice. It disregards their inherent humanity and the fact that they are a human person. Because of the inhumane treatment they endured and the lack of accommodations, prison conditions were almost same three centuries ago. Prisoners' rights were finally recognized by society after a long struggle. Except to the extent that their incarceration is essential to their safety, all prisoners and free people are entitled to the same basic human rights. In that study, they'll look at the tension between prisoners' rights and human rights, and they'll talk about some ideas for how the Indian criminal justice system may improve prisoners' rights.

The failure of quasi-governmental bodies such as the National Human Rights Commission and other state and federal agencies to adequately address these concerns has led to their elevation to the status of a state list subject, which is then handled by prison manuals. The responsibility for updating the existing prison laws, rules, and regulations



rests with the states, according to the Ministry of Home Affairs in the Government of India.

Contributors from 408 inmates had written [11] pieces. There were 228 inmates who had depression (54.9 percent; 95% CI: 51.2 to 61%). The following factors were shown to be strongly related with depression: being jobless and a student; using substances regularly throughout one's life; having a history of child abuse; experiencing weight loss while incarcerated; having inadequate or moderate social support while incarcerated; being unhappy while incarcerated; and having a sentence of more than six years. In summary, A significant prevalence of depression was observed among inmates, reaching 55.9%. Depressive symptoms were more common among inmates who had the following characteristics: a history of drug misuse, being jobless while incarcerated, being a student, losing weight while incarcerated, serving sentences longer than six years, being unhappy while incarcerated, lacking social support, and eating low-quality prison food. Therefore, boosting the quality of jail meals and mental health services, providing training regarding how to deal with the prison environment, and teaching on how to scale up a happy existence may all contribute to reducing the issue. It is pertinent to do interventional studies.

The 220 male convicts whose ages were 50 or older and who were part of the study were housed in 8 different prisons. Consent was obtained before conducting in-person interviews. The Short Physical Performance Battery was used for objective assessment of functional impairment, while inmates' self-reports on the difficulty of ascending stairs and performing activities required for daily living in prison, such as waiting in line for medicine, were used for assessment of functional disability. Depression symptoms were evaluated using the Patient Health Questionnaire-9 (PHQ-9), while suicidal ideation was measured using the Geriatric Suicide Ideation Scale. The data was examined by means of causal mediation and linear regression models. Ages varied from 50 to 79 and participants came from a variety of racial and ethnic backgrounds. Separate from SPPB score, SI was linked with PADL impairment and difficulty mounting stairs, but all functional disability measures were strongly associated with depressed symptoms. Both objective and self-report measures of functional impairment were associated with SI, and the connection between the two was moderated by depressive symptoms.

It shouldn't matter what the charges are based on an individual's age and physical status when deciding whether to grant bail, according to the authors of [13]. Using the theoretical framework of "law as temporality," I explain how the politics of bail rejection by Indian courts and the care given of senior political prisoners with prison officials generate a "carceral time." Prisoners' human rights are violated by the way carceral time frames their bodily experiences of aging, as discussed in that article. As shown with the elderly political prisoners in India's Bhima Koregaon case, time not only regulates but also decides the expendability of aging bodies, especially when waiting is an insidious form of it. That article stresses the importance of India's criminal justice system respecting the rights of

elderly inmates to healthcare and dignity in life, and treating them compassionately based on their age.

Researchers in [14] provided light on the present problems and suggest jail improvements that are accessible to people with disabilities. They call for data disaggregation, changes to legislation, accessibility measures, and assistance with decision-making autonomy. Maintaining moral healthcare practices is critical. In order to fight structural injustices and guarantee that everyone has equal access to justice, it is critical that policymakers adhere to human rights concepts and legal requirements.

The goal of the authors of [15] was to provide instances of limited access to healthcare for ID by methodically analyzing rulings of the ECtHR. A search of the ECtHR database yielded rulings pertaining to ID healthcare access. There were 329 judgments returned by the search, and 55 of them were included for the study. The provisions of the European Convention on Human Rights while the breach of these provisions were the subjects of a descriptive statistic. To classify the verdicts according to common themes, qualitative thematic evaluation was used. Final Product Russia (n = 23), Poland (n = 8), and Ukraine (n = 7) were the top three countries against whom applications were filed. Among the applicants, the youngest was 18 years old and the oldest 72. Prisoners with disabilities were the subject of the vast majority of cases. The majority of the rulings concerned Articles 14 and 8. They found seven groups, some of which overlapped, that reflected themes in the evaluated decisions. Human rights violations include any measure that limits people's ability to get medical treatment. On the other hand, there seems to be a small number of decisions addressing ID's restricted access to healthcare overall. It seems that ID is still not given enough priority in their cultures, and that might be another proof of that. Particularly while incarcerated, individuals with ID are unable to get the medical treatment they need. It is important not to ignore the oblique effects of healthcare access restrictions.

According to studies [16], bioethics in prisons is linked to inmates' access to medical care for conditions like HIV, TB, hepatitis, and vaccinations. It is also linked to inmates' mental health, disabilities, aging, women's health, suicide risk, and requests for end-of-life care. There were flaws in the system that allowed bioethical norms and human rights to be neglected, according to the findings. In truth, inmates do not have easy access to healthcare, and they are more likely to suffer from mental illness, disability, and suicide. In addition, their limited autonomy makes them less eager to undergo end-of-life therapies, and they are often utilized inappropriately as organ donors. To sum up, in order to maintain jails that adhere to ethical standards and human rights, all prison employees (doctors, nurses, warders, and managers) are required to participate in ongoing refresher training.

The purpose of the study by the researchers in [17] was to determine whether or if a cohort of individuals with intellectual disability and a major mental illness diagnosis had lower rates of recidivism after receiving post-release disability as well as community mental health assistance. In Australia's New South Wales, they analyzed connected



administrative data-sets to create a cohort study that tracked 484 inmates across time. The datasets included information on hospital admissions, community mental health services, disability assistance, and prison detention. Using survival analysis on data with several failure times, they determined how long it would take to be returned to adult custody. Community mental health support accounted for 73.7% (357) of the total help received over the median follow-up period of 7.4 years; disability support for 19.8% (96), and a mix of services for 18.6% (85) of the total support obtained after release from prison. Receiving either community mental health assistance (hazard ratio [HR] = 0.58, CI 0.49-0.69, $P < 0.001$) or a combination of community mental wellness and disability support (HR = 0.46, CI 0.34-0.61, $P < 0.001$) was linked with lower risks of reincarceration in the post-release period. By providing appropriate mental wellness and disability assistance, it may be possible to reduce the disproportionately high recidivism rates among inmates who have intellectual disabilities and a history of severe mental illness.

The current investigation sought to examine the psychometric properties of the Parma Scale (Pr-Scale), a new instrument for evaluating offenders with mental disorders, in an Italian sample of forensic psychiatric patients. These properties include reliability, concurrent validity, and sensitivity to measure scores' longitudinal changes [18]. The study's subjects were male inmates enrolled from either the Parma Penitentiary Institute or the Parma REMS ("Residence for the Implementation of Security Measure"). People with a known moderate to severe intellectual handicap or any other health issue that makes it impossible for them to provide proper permission to participate in the study were not allowed to. "Historical," "Clinical" (observational), and "Treatment Planning" are the three primary domains into which the Pr-Scale's twenty items are split. They looked at the Pr-Scale's internal consistency, interrater reliability, and short-term test-retest reliability (one week). For the purpose of determining concurrent validity, they compared the item scores on the Pr-Scale to the equivalent subscores on the HKT-R (the "Historisch, Klinische en Toekomstige - Revisie" instrument). Lastly, during a three-month therapy follow-up phase, they looked at the Pr-sensitivity Scale's to assess changes in scores over time. In that research, 60 adult male patients were enrolled.

III. METHODS AND MATERIALS

A. Research Questions

This study was an attempt to address the following research topics:

1. In the institution and in their fight for justice, what obstacles do inmates with disabilities encounter?
2. In order to help disabled inmates achieve justice, what can be done to alleviate the difficulties they encounter both within and outside of prison walls?

B. Research design

A social constructivist and interpretivist viewpoint based on relativism's ontological position informed this paper's use of an exploratory qualitative design. To put this study plan into action, researchers used a case study approach and triangulated their data (for more on this, see Data Collection).

- **Operational definition:** Physical, sensory, intellectual or mental limitations that significantly impair a person's capacity to do daily tasks are operationalized as disability.
- **Procedure of the study:** An NGO involved in Bihar's criminal justice system helped identify the participants. Inside the jail, participants were recruited through their consent after identification and authorization for data collection. The case study technique was described in detail using a triangulation of participant interviews, observation, and case records. The analysis was then conducted, bringing together all of the information sources and coming up with relevant themes that aligned with the study's objectives.
- **Participants:** The purpose of this research informed the use of a purposive sample technique to identify the three individuals who would participate in the case study methodology. Previous research using case studies provided the justification for this sample size. In this work, data saturation is defined as collecting enough information to fulfill the Additiosearch target. Given the unique characteristics of the study's population, it seems reasonable to conduct the research with a sample size of three individuals.
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- **Participants:** The purpose of this research informed the use of a purposive sample technique to identify the three individuals who would participate in the case study methodology. Previous research using case studies, the phrase "data saturation" is used to describe the process of collecting enough data to fulfill the study purpose. Furthermore, the researchers felt that the case investigation of three participants was suitable for the study's specific population.

Data collection

Researchers triangulated participant data obtained from semi structured interviews with data gleaned from participant case records and researcher observations. The participants



were requested to provide the contact information for their legal counsel so that we could better understand their situation. The participants' informed permission was acquired before proceeding through the semi-structured face-to-face interviews. Keeping with the study's aims, these interviews followed a structured interview protocol. For a more complete image of what it was like to be a prisoner, the volunteers were watched on prison grounds. The interviewees' actions and nonverbal cues were documented via the use of direct observation. In order to fully grasp the problem at hand, this approach was thought to be suitable.

Data analysis

The interview data, which included elements of Hindi, Bhojpuri, as well as English, were transposed to guarantee data reliability while preserving data semantic and criteria equivalence.

Ethical Considerations

The study adhered to important ethical guidelines set forth by previous researchers who have worked with the jail system. All participants' opinions and values were treated with dignity and respect, regardless of their demographic information. All participants were treated with dignity and fairness in compliance with the study's inclusion and exclusion criteria. They were given the option to discontinue participating in the study whenever they felt the need, and it was stressed that their involvement was totally voluntary. Data that was gathered the research was conducted in an ethical manner, with no bias in the interpretation, and every bit of participant identifying information was anonymised to keep the data acquired trustworthy.

Questionnaire Analysis

Independent along with Dependent Variables Disability. In order to quantify disability, eight items were taken from the National Center for Educational Statistics' 1992 National Adult Literacy Survey (NALS) (2005). The following questions were posed to the inmates: (a) "Are you unable to give your all at work, in class, or in other areas because of a mental health issue?" (a) "Are regular newsprints hard for you to read, even with your glasses on?" ("Do you still find it hard to hear a typical conversation, even with your hearing aid on?" c) (d) "Is dyslexia or attention-deficit hyperactivity disorder one of your learning disabilities?" (f) "Is your speech impaired in any way, like a stutter or lisp?" (f) "Are you able to go about your daily life with the assistance of a cane, wheelchair, walker, listening aid, or any other device?" (g) "Having attended SPED or special education classes in the past, have you?" (h) "Are you of the belief that you are disabled?"

In a basic linear regression, there is a single independent variable and a single dependent variable; in a multiple linear regression, there are numerous independent variables. N sets of observations make up the data $\{X_1, X_2, X_3, \dots, X_p, Y\}$,

representing subsets of a bigger population at random. Presumably, this finding satisfies a linear connection.

$$Y = \alpha_0 + \alpha_1 X_1 + \alpha_2 X_2 + \alpha_3 X_3 + \dots + \alpha_p X_p + \varepsilon$$

When the subject or dependent variable Y is predicted and the intercept α_0 is defined, $\alpha_1, \alpha_2, \dots$, are Slope, and X_1, X_2, \dots , are independent variable value

Identifying the factors that influence the total number of requests is the first stage in this process. This component is determined by consulting a number of theories and periodicals. Finding out what elements affect a product's demand relies on both the current theory and the literature review of prior research and expert opinion. According to Table 1, fourteen variables affect product demand.

IV. RESULTS & DISCUSSION

A. Analytic Methods

Because of the random nature of the sample selection process, every analysis was survey weighted. The descriptive analyses were carried out using chi-square and survey mean techniques, comparing inmates with and without impairments. To analyze the connections between demographics, context, and pre-incarceration environment according to handicap status, survey logistic regression techniques were used, both bivariate and multivariate. Through the use of three stratification survey logistic regression techniques, the researchers examined the association between disability and the usage of educational programs, vocational programs, and labor assignments in jail. We used Stata 13 for all of our analyses.

B. Results

Information on the sample, the inmates' pre-incarceration lives, contextual circumstances, the nature of the crime, and the services they used while incarcerated are all shown in Table 1. Seven,252 inmates, or 41% of the total population of 18,171 inmates, identified a handicap in one or more areas. Out of the inmates who disclosed having a handicap in some way, 31% had learning disorders, 43% had attended special education courses, 43% "self-identified" as disabled, 25% had visual impairments, and 17% had hearing issues. There were 41% Black inmates and 93% male inmates in this sample. The age range of the participants was 30–44 for almost half (47%). Even though 72% of inmates had jobs in the month leading up to their detention, the majority of inmates lacked a high school certificate. This sample's demographic breakdown mirrors that of the jail population in 2015. Our last hypothesis was that inmates with impairments would be less inclined to participate in the prison system's educational, vocational, and labor assignments programs (see to Table 3 for details). The likelihood of inmates participating in educational programs was 21% higher for those with at least one disability indication, but the likelihood of inmates participating in job assignments was 28% lower for those without disability indicators. Penalties for inmates who reported having a handicap were associated with lower rates of engagement with vocational programs and labor assignments when broken down by disability domain. Despite having a higher



likelihood of using educational programs, inmates with learning disabilities were 19% less likely to engage in vocational programs while 25% less likely to complete job tasks. Inmates who had trouble seeing or hearing were less likely to complete their job tasks (24% vs. 19%). Compared to inmates without mental health disabilities, those with a diagnosis were 18% less likely to engage in vocational programs as well as 51% less likely to make use of labor assignments. Inmates with and without speech impairments participated equally in the program. Lastly, compared to inmates who did not utilize assistive devices, those who did were 64% unable to actively engage in labor tasks.

C. Discussion

There are known information gaps about the percentage of prisoners with disabilities along with the services offered to individuals who are identified as having impairments within prison populations. Considering the number of prisoners that previous studies have shown to be impacted, the paucity of data is perplexing. It begs the issue of whether governments are really catering to the requirements of this subset of criminals. This study's findings point to a disproportionate number of disabled individuals in the criminal justice system. The academic or vocational programs may not be accessible to inmates with certain disabilities, including as sensory or particular learning impairments, unless appropriate adjustments are made. In addition to a history of abuse, poor income, and foster care, these disabled inmates have also faced harsher disadvantages than their non-disabled counterparts. Incarcerated people with disabilities were more inclined to have committed a violent crime, had more arrests overall, and began their criminal careers sooner than inmates without disabilities, and these differences persisted even after accounting for other pertinent variables.

Disability status	Count	Mean	Standard deviation
Self-identified disability	43	0.66	0.32
Ever enrolled in special education class	43	0.66	0.32
Learning	31	0.62	0.28
Vision	25	0.57	0.25
Hearing	17	0.49	0.21
Mental health	14	0.46	0.19
Speech	9	0.38	0.16
Assistive device	6	0.32	0.13
Age (years)	16–29	0.51	0.60
	30–44	0.53	0.65
	45–59	0.38	0.52
	60 and older	0.31	0.41

V. CONCLUSION

Inmates with disabilities were able to have their voices heard as a "knowledgeable agent" who could understand and respect their unique experiences and viewpoints thanks to

the case study method. In addition to exacerbating their current constraints, the difficulties highlighted by the results also stand in the way of their pursuit of equitable justice. In order to ensure that everyone has equitable access to justice, this report recommends reforms to the legal assistance system. A more nuanced awareness of disability and its context will increase sensitivity among prison administrators and the justice system as a result of inclusive programs. This study's results provide credence to the idea that accommodating disabled convicts might reduce instances of miscommunication, neglect, and abuse. Because of the complexity of these issues, it is critical that the criminal court system as a whole implement changes and new measures to help disabled prisoners overcome the systemic injustices they encounter. Human rights breaches, institutionalized brutality, and neglect have persisted for a long time in India's jails. Systemic indifference and structural inaccessibility make life even more difficult for a vulnerable subset of the jail population: those with disabilities. As a result, we must look at the problems that have plagued Indian jails over the years, particularly those that pertain to the rights of disabled inmates. A larger failure to respect human rights while execute genuine changes is mirrored in the state of India's jails. The difficulties are already high for disabled inmates, and they are made substantially worse by institutionalized discrimination, disregard, and generalized indifference. The enforcement of India's foreign obligations and legal systems is a major challenge.

REFERENCES

- [1] -, N.K. (2022). Safeguarding Prisoners' Rights in India: Constitutional Perspective. *International Journal For Multidisciplinary Research*.
- [2] Yadav, M. (2020). JUDICIAL ACTIVISM, PRISON MANAGEMENT AND PRISONERS' RIGHTS IN INDIA: AN ANALYSIS.
- [3] Srivastava, R., & Srivastava, D.P. (2023). The Human Rights of the Under Trial Prisoners in India. *International Journal for Research in Applied Science and Engineering Technology*.
- [4] Khan, S. (2023). Rights of Women Prisoners in India: Nexus Between the Pervasive Impact of Patriarchy and the Problem of Women Prisoners. *International Journal of Research Publication and Reviews*.
- [5] Thomas, J.I. (2023). Are prisoners persons? yes, of course: Human rights of prisoners in India. *Rajagiri Journal Of Social Development*.
- [6] Nomani, M., & Hussain, Z.N. (2022). Health Rights of Prisoners and Prison Law Reforms during COVID-19 Pandemic in India. *Bangladesh Journal of Medical Science*.
- [7] Rai, S., & Gill, S.K. (2022). Human Rights of Undertrial Prisoners with Special Reference to The Role of Judiciary In India. *International Journal of Advance Research and Innovation*.
- [8] Mishra, D.S. (2022). Prison Administration in context with Prisoner's rights in India. *International Journal of Multidisciplinary Research and Analysis*.



- [9] Taha, M. (2024). A Study on Conflict between Human Rights and Rights of Prisoners in India. SSRN Electronic Journal.
- [10] Ranjan Prasad, A. (2022). Prisoners' Rights in India. Law & Political Review.
- [11] Welu, S.G., Aregawi, D.H., Gebreslassie, H.T., & Kidanu, K.G. (2021). Prevalence and Associated Factors of Depressive Disorder among Prisoners in Mekelle General Prison Center, Tigray, Ethiopia: A Cross-Sectional Study Design. Depression Research and Treatment, 2021.
- [12] Barry, L.C., Coman, E.N., Wakefield, D., Trestman, R.L., Conwell, Y., & Steffens, D.C. (2020). Functional disability, depression, and suicidal ideation in older prisoners. Journal of affective disorders, 266, 366-373 .
- [13] Dey, D. (2022). Law's temporality and the construction of death-worlds: Custodial neglect of older prisoners in India. Jindal Global Law Review, 13, 307 - 327.
- [14] Tripathi, S., Tripathi, S., & Singh, S. (2024). Prison systems must embrace disability rights as a human rights imperative. Indian journal of medical ethics.
- [15] Skuban-Eiseler, T., Orzechowski, M., & Steger, F. (2023). Access to healthcare for disabled individuals: An analysis of judgments of the European Court of Human Rights from an ethical perspective. Frontiers in Public Health, 10.
- [16] Esposito, M., Szocik, K., Capasso, E., Chisari, M.G., Sessa, F., & Salerno, M. (2024). Respect for bioethical principles and human rights in prisons: a systematic review on the state of the art. BMC Medical Ethics, 25.
- [17] Trofimovs, J., Dowse, L., Srasuebku, P., & Trollor, J.N. (2023). Impact of post-release community mental health and disability support on reincarceration for prisoners with intellectual disability and serious mental illness in NSW, Australia. BJPsych Open, 9.
- [18] Pelizza, L., Paulillo, G., & Pellegrini, P. (2023). Psychometric properties of the Parma Scale for the treatment evaluation of prisoners with mental disorder: a new instrument for routine outcome monitoring in different forensic psychiatric settings. European Psychiatry, 66, S430 - S430.