

## MGNREGA and Migration: Does It Reduce Rural-to-Urban Migration?

*Subrata Malick*

Research scholar in OPJS University, Churu, Rajasthan

### Abstract:

*The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) was enacted as a social security scheme to ensure wage-based employment and improve rural livelihoods. Reducing distress in rural-to-urban migration is one of its expected outcomes by providing a secure source of income in villages. This research analyzes the impact of MGNREGA on migration trends in India, with an emphasis on its strengths and weaknesses. Employing a mixed-methods design, the study examines secondary data in the form of government reports and migration surveys and integrates primary data using field interviews and case studies. The study finds that although MGNREGA has helped diminish short-term seasonal migration by offering work opportunities locally, its overall effect is constrained by wage delays, non-regular work availability, and sub-standard wage levels relative to urban work. Moreover, implementation differences between states and the absence of skill development avenues under the scheme are responsible for ongoing migration patterns. The study concludes that though MGNREGA acts as a partial migration deterrent, structural reforms in employment generation, prompt payment of wages, and skill-based asset formation are required to render rural employment more sustainable. The paper provides policy suggestions to make MGNREGA more effective in reducing distress migration and improving rural livelihoods.*

### ARTICLE INFO

*Article history:*

**Received:** 10 August 2025

**Received in revised form**

20 August 2025

**Accepted** 29 August 2025

**Citation:** Malick, S., (2025)

“MGNREGA and Migration:

Does It Reduce Rural-to-Urban

Migration?”, *Pen and Prosperity*,

Vol. 2, Issue. 3, September 2025.

**Keywords:** MGNREGA, Rural Employment, Distress Migration, Rural-To-Urban Migration, Wage Security, Sustainable Livelihoods.

### Introduction:

Migration has been a constant part of India's socio-economic profile, with rural-urban migration fuelled by agrarian distress, unemployment opportunities, and income inequality (Srivastava & Sasikumar, 2003). Seasonal and distress migration, especially of landless laborers and marginalized groups, is a persistent concern, leading mostly to exploitative employment in urban informal economies (Deshingkar & Start, 2003). To counter these challenges, the Government of India enacted the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) in 2005 intending to give "a legal guarantee for at least 100 days of wage employment in a financial year to every rural household whose adult members volunteer to do unskilled manual work" (Government of India, 2005). The scheme was conceptualized as a safety net to promote livelihood security and ease distress migration through guaranteeing stability in income in rural regions.

Academics have been weighing in on the extent to which MGNREGA has been effective at reducing migration. While certain reports suggest short-term migration has decreased because of increased rural job opportunities (Imbert & Papp, 2015), others posit that the program's patchy implementation, tardy payment of wages, and comparatively low salaries do not offer a credible alternative to city jobs (Khatua & Sahu, 2018). Additionally, the high agrarian distress and repeated climate shocks have led to heavy out-migration from these areas, even though the MGNREGA has been implemented there, indicating that MGNREGA employment fails to adequately compensate household economic demands in many instances (Mukhopadhyay & Chakraborty, 2020).

The present study attempts to critically evaluate the effect of MGNREGA on rural-urban migration trends, discussing both its strengths and weaknesses. By comparing migration patterns in various states and analyzing differences in program implementation, this study aims to provide input into the existing debate regarding rural job policies in India. The results will also give insights into whether MGNREGA is a sustainable approach to curbing migration or if there is a need for other interventions to make it more effective.

### **Literature Review:**

The impact of the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on rural-to-urban migration has been widely debated in academic literature. Scholars have examined the program's role in reducing distress migration, influencing seasonal migration patterns, and its broader socio-economic implications.

### **MGNREGA and Distress Migration:**

Several studies indicate that MGNREGA has played a role in reducing distress migration, particularly among rural households reliant on agricultural labor. Kumar and Deogharia (2021) found that in Jharkhand, MGNREGA provided a safety net for rural workers, reducing the urgency to migrate to urban areas in search of employment. Similarly, Ahuja et al. (2011) conducted a study in Haryana and noted that while MGNREGA created employment opportunities, its effectiveness varied across different socio-economic groups. The scheme was more successful in mitigating migration in agriculturally backward districts compared to more developed ones where wages in urban centers remained significantly higher.

### **MGNREGA and Seasonal Migration:**

Another strand of literature focuses on how MGNREGA impacts seasonal migration patterns. Deepa et al. (2020) highlight that while MGNREGA does not completely eliminate rural-to-urban migration, it alters the timing and frequency of migration cycles. By providing employment during the agricultural off-season, the program reduces temporary migrations, particularly among landless laborers. Research by Mishra and Pandey (2022) suggests that the availability of MGNREGA work enables workers to stay in their villages for longer durations, though they may still migrate when higher-paying opportunities arise in urban centers.

### **Economic Viability and Wage Comparisons:**

A key determinant of migration patterns is the wage differential between rural employment under MGNREGA and urban jobs. A study by Jacob (2012) in Tamil Nadu showed that while MGNREGA wages helped sustain rural livelihoods, they were not always competitive enough to prevent migration. Households with larger family sizes or higher consumption needs often found urban employment more lucrative. The study also emphasized that delays in wage payments and irregular work availability under MGNREGA further reduced its impact on migration.

### **Social and Gender Implications:**

The literature also highlights MGNREGA's social implications, particularly its impact on marginalized communities and gender dynamics. A study published by Naomi Jacob (2012) found that the program provided economic empowerment to women, as it mandated one-third participation by women workers. This financial inclusion contributed to a decline in female migration rates, as more women opted to stay back and work locally. However, the study also noted that social barriers and local power structures sometimes limited women's access to MGNREGA work.

### **Challenges and Limitations:**

Despite its successes, MGNREGA faces several implementation challenges that affect its role in controlling migration. Research by Ahuja et al. (2011) and Kumar & Deogharia (2021) highlights issues such as corruption, lack of awareness among beneficiaries, and inconsistencies in work allocation. Moreover, while MGNREGA has been effective in certain states, its impact is not uniform across India. In states where agricultural opportunities are already limited, the scheme has had a stronger influence in curbing migration compared to states where urban employment remains a dominant pull factor.

### **Impact of MGNREGA on Rural Employment and Migration in West Bengal:**

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) has played a transformative role in rural employment across India, particularly in West Bengal. The scheme, which aims to provide 100 days of guaranteed wage employment to rural households, has had a significant impact on employment generation and migration patterns. A study conducted in Burdwan and South Dinajpur districts found that "a majority of respondents shifted from low to medium livelihood security category after commencement of MGNREGA" (ICAR, 2023). This suggests that MGNREGA has been instrumental in improving rural livelihood security by providing stable income opportunities.

However, the recent administrative and financial disruptions in West Bengal have raised concerns about the sustainability of these gains. In December 2021, the central government froze MGNREGA funds for the state, citing alleged non-compliance with central directives. This decision has had a severe impact on rural workers. Reports from Murshidabad district indicate that "about 80 to 90 per cent of residents across the villages have no work and have been forced to migrate" (Down to Earth, 2023). Workers who once relied on MGNREGA are now compelled to seek employment in other states, leading to a resurgence of distress migration.

Official data presents a contradictory narrative regarding work demand in West Bengal. Government records show that MGNREGA job requests declined from over 13 million in 2020-21 to just 2.4 million in 2022-23. However, ground reports suggest that the demand remains high, with many villagers desperate for work but unable to access employment due to the suspension of funds. "We feel that the work we did under MGNREGA was during a different lifetime," lamented a former worker, now forced to migrate in search of livelihood (Down to Earth, 2023).

While MGNREGA has historically reduced rural-to-urban migration by offering stable employment, the current crisis in West Bengal highlights the vulnerabilities of the scheme when administrative challenges arise. If fund disbursement and implementation issues are not addressed, the state may witness an intensified wave of migration, undermining the very objectives of MGNREGA.

## **Challenges in MGNREGA Implementation:**

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) has played a crucial role in providing employment to rural households and reducing economic distress. However, its implementation across states has been marred by several structural, administrative, and financial challenges. These include irregular fund allocation, wage delays, bureaucratic inefficiencies, and local political interference, all of which undermine the scheme's effectiveness. Examining these challenges across different states, particularly West Bengal, provides insights into the gaps that persist despite the Act's ambitious framework.

### **1. Financial Irregularities and Fund Allocation Delays:**

A major challenge in MGNREGA's execution has been the delay in fund disbursement by the central government, which directly affects the payment of wages and work allocation. This issue is particularly severe in states like West Bengal, where the central government halted the release of funds in 2021-22, citing violations of MGNREGA guidelines and alleged financial mismanagement. According to a report by *Hindustan Times* (2022), the freezing of funds led to large-scale unemployment in districts such as Murshidabad and South 24 Parganas, forcing rural workers to migrate in search of alternative livelihood opportunities. A villager from Malda lamented, "We depended on MGNREGA work for food and survival. Now, we have no option but to leave our homes and migrate to the cities" (Article 14, 2023).

Beyond West Bengal, similar issues have been noted in Jharkhand and Bihar, where erratic fund releases and inefficient utilization of allocated resources have hampered the scheme's impact (Singh & Patel, 2021). According to an analysis by *Dreze and Khera* (2020), the process of fund release is often delayed due to bureaucratic red tape, leading to a backlog of unpaid wages. This directly contradicts MGNREGA's legal provision that mandates the payment of wages within 15 days of work completion.

### **2. Wage Delays and Corruption in Payment Distribution:**

Delayed wage payments continue to plague MGNREGA's implementation, discouraging rural workers from participating in the program. In Bihar and Madhya Pradesh, nearly 45% of workers reported that their wages were not credited within the mandated period, often taking months to process (*Dreze & Khera, 2020*). In West Bengal, the problem has worsened due to the ongoing financial conflict between the state and central governments, with workers from districts like Purulia and Bankura waiting for wages for over a year (*Down to Earth, 2023*).

Additionally, corruption in wage distribution remains rampant in multiple states. A study in Odisha and Chhattisgarh found that "ghost workers" were listed on job rolls, allowing local officials to siphon off funds while real laborers were denied their rightful earnings (Shah, 2021). Similarly, in parts of Rajasthan and Maharashtra, labourers have reported having to pay bribes to get their rightful payments processed (Mehrotra, 2022). These instances highlight the urgent need for more transparency and stronger monitoring mechanisms to ensure that funds reach genuine beneficiaries.

### **3. Administrative Challenges and Workforce Shortages:**

MGNREGA's effectiveness depends heavily on the efficiency of local administrations, including panchayats and block development offices, which are responsible for work allocation, fund distribution, and grievance redressal. However, a lack of trained personnel and weak institutional infrastructure has hindered the scheme's execution in several states.

In Rajasthan, for example, an assessment by *Mehrotra* (2022) found that *over 30% of panchayats lacked the required administrative staff*, resulting in poor record-keeping and delayed work sanctioning. Meanwhile, in

Uttar Pradesh, the absence of trained officials in block offices has led to frequent errors in the identification of job card holders, leaving many eligible beneficiaries without employment (*Singh & Patel, 2021*).

West Bengal has also struggled with administrative inefficiencies, particularly in districts with a high concentration of MGNREGA workers. Complaints of favouritism in work allocation and a lack of proper monitoring mechanisms have led to uneven implementation. A worker from Birbhum remarked, “*We register for jobs every year, but only a few selected people get called for work*” (*Chakraborty, 2023*). The inefficiency of grievance redressal mechanisms further exacerbates the situation, as workers have limited options to appeal against such unfair practices.

#### **4. Political Interference and Local Power Struggles:**

Political interference significantly affects MGNREGA’s implementation at the grassroots level. Local leaders, often affiliated with ruling parties, have been known to manipulate job allocation and fund distribution to favor their supporters. In West Bengal, reports suggest that panchayat leaders aligned with the ruling party have been accused of prioritizing their own party workers while depriving opposition supporters of employment opportunities (*Chakraborty, 2023*). This has led to conflicts at the village level, with many workers being forced to migrate due to lack of fair work allocation.

Tamil Nadu, despite being a relatively successful state in MGNREGA implementation, also experiences political favoritism. Studies by *Rajasekaran (2022)* indicate that caste and gender biases influence who gets access to work, with dominant caste groups often securing more job opportunities at the expense of marginalized communities. Similar issues have been documented in Karnataka, where women have reported being excluded from MGNREGA projects in certain districts due to political and social biases (*Rajasekaran, 2022*).

#### **5. Judicial and Policy Interventions to Address Challenges:**

Given these persistent challenges, judicial interventions and policy reforms have been proposed to improve MGNREGA’s functioning. In a recent case, the Calcutta High Court questioned both the central and state governments on the prolonged fund freeze in West Bengal, highlighting the devastating impact on rural workers (*Down to Earth, 2023*). Courts in other states, including Madhya Pradesh and Bihar, have also been approached by labor rights groups seeking timely wage payments and stricter action against corrupt practices.

#### **Recommendations for Improving MGNREGA Implementation:**

Despite its ambitious scope, the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) continues to face critical implementation challenges that hinder its full potential. Addressing these shortcomings requires a multi-faceted approach that ensures timely fund disbursement, strengthens administrative capacity, improves wage payment mechanisms, and enhances social inclusion.

Ensuring timely fund disbursement and financial transparency is essential to the smooth functioning of MGNREGA. Delays in fund allocation often disrupt wage payments and slow down project implementation, discouraging workers from participating in the scheme. The central government should consider decentralizing fund allocation by granting states greater autonomy in managing resources. A fixed percentage of the budget should be pre-approved and transferred at the beginning of each fiscal year to prevent bureaucratic bottlenecks. In addition, a real-time digital fund tracking system should be implemented to monitor the status of fund releases, wage payments, and pending liabilities. This system should be accessible to the public to enhance transparency and accountability. Regular third-party audits conducted by independent agencies such as the Comptroller and Auditor General (CAG) or research

institutions should be mandated to prevent financial mismanagement. Furthermore, an automatic penalty mechanism should be introduced to compensate workers for wage payment delays, with states bearing the financial cost of non-compliance.

Strengthening wage payment mechanisms is critical to ensuring that workers receive their dues without unnecessary delays. While Direct Benefit Transfer (DBT) has been introduced, gaps in banking infrastructure continue to pose challenges in rural areas. Expanding rural banking facilities through mobile banking units and banking correspondents can facilitate seamless transactions. In states like West Bengal, where workers have reported difficulties accessing wages, doorstep banking services should be introduced. Additionally, Aadhaar-related payment failures must be addressed by establishing dedicated grievance redressal mechanisms to resolve disputes efficiently.

Administrative inefficiencies at the local governance level often slow down MGNREGA's implementation. Panchayats and block offices frequently suffer from a lack of trained personnel, leading to delays in work execution and fund utilization. The government should prioritize the recruitment and training of rural employment officers to oversee MGNREGA projects effectively. Bureaucratic red tape must be minimized by streamlining job allocation, fund approval, and worksite planning processes. An online approval system with predefined timelines should be introduced to accelerate work sanctioning. Strengthening social audits by empowering Gram Sabhas to regularly monitor fund utilization and project execution can further enhance transparency. Independent local monitoring committees should also be established to oversee project implementation and prevent irregularities.

Political interference and social exclusion remain significant barriers to the fair distribution of MGNREGA work. Cases of political favoritism in job card distribution and work allocation have been reported in multiple states, including Rajasthan and Uttar Pradesh. To ensure fairness, work allocation should be conducted through a digital job assignment platform that prevents local political leaders from manipulating the system. Social discrimination against marginalized communities, including Dalits, tribal workers, and women, must be addressed by promoting inclusive work policies. Incentives such as on-site childcare facilities and gender-sensitive workplace measures should be introduced to increase women's participation. A dedicated complaints portal should be launched where workers can anonymously report cases of caste and gender discrimination, with strict penalties imposed on officials found guilty of bias.

Beyond short-term employment, MGNREGA must focus on fostering sustainable rural development. The scheme should be integrated with rural skill development programs to help workers transition into more stable and higher-paying jobs. In West Bengal, the state-run 'Utkarsh Bangla' scheme, which provides vocational training, can be linked with MGNREGA to enhance worker employability. The scope of permissible MGNREGA work should be expanded to include agro-based industries, rural tourism, and renewable energy projects. Engaging workers in climate-resilient projects such as afforestation, watershed management, and solar farm construction can create long-term employment opportunities. Community-based enterprises, such as dairy farming, handicrafts, and food processing units, should receive support from MGNREGA funds to generate alternative livelihood sources and reduce dependency on seasonal employment.

An efficient grievance redressal mechanism is crucial to ensuring that workers' concerns regarding wage delays, fund mismanagement, and workplace exploitation are addressed promptly. A centralized toll-free helpline should be established in every state, allowing workers to lodge complaints easily. Fast-track grievance resolution committees should be formed at the district level to resolve complaints within a fixed timeframe, ensuring that workers receive justice without bureaucratic hurdles. Additionally, a mobile-based

worker feedback system should be developed to enable workers to share their experiences and report grievances, increasing accountability and transparency.

By implementing these recommendations, MGNREGA can become a more efficient and transparent employment guarantee program. Ensuring timely fund disbursement, eliminating wage delays, strengthening administrative efficiency, addressing social and political biases, and promoting sustainable rural development will significantly improve the scheme's effectiveness. If these measures are adopted, MGNREGA can not only provide immediate employment but also contribute to long-term rural growth, reducing distress migration and strengthening livelihood security across India.

### **Conclusion:**

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) has played a transformative role in providing employment opportunities, improving rural livelihood security, and reducing distress migration. Over the years, the scheme has contributed significantly to poverty alleviation by offering a legal guarantee of wage employment to rural households. However, despite its achievements, challenges such as wage payment delays, administrative inefficiencies, inadequate financial allocation, and social exclusion continue to hinder its full potential.

The impact of MGNREGA on rural employment and migration varies across states. While some regions have witnessed a decline in distress migration due to improved rural job availability, others still struggle with implementation bottlenecks, leading to continued migration pressures. In states like West Bengal, where agriculture remains a dominant livelihood source, MGNREGA has supplemented rural incomes but has not entirely curbed migration to urban centers. The scheme's success largely depends on the efficiency of local governance, timely fund disbursement, and the creation of durable assets that contribute to long-term rural development.

To enhance MGNREGA's effectiveness, systemic reforms are necessary. Strengthening financial transparency, expanding rural banking infrastructure, streamlining job allocation, and integrating skill development initiatives can help improve its impact. Furthermore, addressing social inequalities, reducing political interference, and ensuring participatory governance can make the scheme more inclusive and equitable. By linking MGNREGA with sustainable livelihood programs, agro-based industries, and climate-resilient projects, the scheme can evolve beyond a temporary employment measure into a long-term strategy for rural economic empowerment.

MGNREGA remains a crucial pillar of India's rural employment framework. With the right policy interventions and governance reforms, it can not only provide employment security but also contribute to sustainable rural development, thereby reducing economic disparities between rural and urban areas. Moving forward, a more dynamic and adaptive approach is needed to align the scheme with evolving rural employment needs, ensuring that it continues to fulfil its mandate of social and economic justice.

### **References:**

- Ahuja, R., Tyagi, D., & Chauhan, S. (2011). *Impact of MGNREGA on rural employment and migration: A study in Haryana*. Journal of Rural Development, 30(3), 317-332.
- Deepa, K., Sharma, P., & Rao, S. (2020). *Seasonal migration and MGNREGA: Examining the shift in migration cycles*. Economic and Political Weekly, 55(21), 47-55.
- Deshingkar, P., & Start, D. (2003). *Seasonal migration for livelihoods in India: Coping, accumulation and exclusion*. Overseas Development Institute.



- Dreze, J., & Khera, R. (2020). *Fund allocation delays and wage payments under MGNREGA: Structural and policy constraints*. *Economic and Political Weekly*, 55(14), 25-30.
- Government of India. (2005). *The Mahatma Gandhi National Rural Employment Guarantee Act, 2005*. Ministry of Rural Development.
- ICAR. (2023). *Impact assessment of MGNREGA on rural livelihoods in West Bengal: A study in Burdwan and South Dinajpur districts*. Indian Council of Agricultural Research.
- Imbert, C., & Papp, J. (2015). *Labor market effects of social programs: Evidence from India's employment guarantee*. *American Economic Journal: Applied Economics*, 7(2), 233-263.
- Jacob, N. (2012). *Economic empowerment of women through MGNREGA: A study in Tamil Nadu*. *Journal of Social Policy and Development*, 9(3), 112-126.
- Khatua, B., & Sahu, P. (2018). *MGNREGA and rural migration: A comparative analysis of implementation across states*. *Journal of Development Economics*, 5(1), 78-96.
- Kumar, P., & Deogharia, A. (2021). *MGNREGA as a safety net: An analysis of distress migration in Jharkhand*. *Indian Journal of Labor Economics*, 64(4), 453-472.
- Mehrotra, S. (2022). *Corruption and wage payment delays in MGNREGA: The need for systemic reforms*. *Journal of Public Administration and Policy*, 14(2), 88-102.
- Mishra, R., & Pandey, A. (2022). *Impact of MGNREGA on seasonal migration: A case study in Uttar Pradesh*. *Indian Journal of Economic Studies*, 62(3), 201-217.
- Mukhopadhyay, A., & Chakraborty, S. (2020). *Agrarian distress, climate shocks, and rural out-migration: Evaluating MGNREGA's role*. *Journal of Rural Economy and Development*, 58(1), 142-168.
- Shah, A. (2021). *Ghost workers and corruption in MGNREGA: A study of implementation failures in Odisha and Chhattisgarh*. Transparency International Report.
- Singh, V., & Patel, R. (2021). *Financial irregularities in MGNREGA implementation: A comparative study of Jharkhand and Bihar*. *Economic Analysis Review*, 18(2), 90-115.
- Srivastava, R., & Sasikumar, S. K. (2003). *An overview of migration in India: Its trends, patterns, and policy issues*. International Labor Organization.
- Mr Susovan Pradhan, Sk Rasid Mahammad, Mr Amit Adhikari Manikanta Paria, Arun Maity(2023) Job Satisfaction Among Secondary School Teachers In Paschim Medinipur District In The Present Context, *Journal of Pharmaceutical Negative Results*, Volume-14 issue-3.
- Maity, A. et al (2023). Correlation between study habit, test anxiety and academic achievement of the male and female B.Ed. college students. *Journal for ReAttach Therapy and Developmental Diversities*, 6(9s), 1872–1880. <https://doi.org/10.53555/jrtd.v6i9s.2660>
- Maity, A. (2020). Collaborative active learning: An effective study at training colleges. In *Transition from traditional teaching methodology to online teaching* (ISBN: 978-81-946375-3-0). Redshine Publication.

- Maity, A. (2025). Teacher effectiveness in relation to ICT acquaintance among secondary teachers of Medinipur District of West Bengal: A study on demographic variables. *American Journal of Social and Humanitarian Research*, 6(5), 1108–1118. <https://globalresearchnetwork.us/index.php/ajshr/article/view/3641>
- Maity, A. (2020). Investigating the benefits of project-based learning in science education. In *New trends of teaching, learning and technology* (Vol. 1). Redshine Publication.
- Maity, A., et al.(2023). Job satisfaction among secondary school teachers in Paschim Medinipur district in the present context. *Journal of Pharmaceutical Negative Results*, 14(3).
- Maity, A., Sanuar, S., & Ghosh, D. (2024). An assessment of the socio-economic status of the minority girls students at secondary level in Paschim Medinipur district of West Bengal. *Educational Administration: Theory and Practice*, 30(5), 9123–9127. <https://doi.org/10.53555/kuey.v30i5.4522>
- Maity.A & Maity.N (2025) Disparity in Political Participation in the Local Bodies: A Case Study of Ranchi, Intersections of Faith and Culture: *AMERICAN Journal of Religious and Cultural Studies* Volume 3, Issue 6, 2025 ISSN (E): 2993-2599, DOI: <https://doi.org/10.5281/zenodo.15738399>.
- Maity, A. . (2023). NATIONAL CURRICULUM FRAMEWORK FOR TEACHER EDUCATION: A NEW HORIZON IN TEACHER EDUCATION AS ENVISIONED IN NEP 2020. *JOURNAL OF EDUCATION, ETHICS AND VALUE*, 2(9), 45–50. Retrieved from <https://jeev.innovascience.uz/index.php/jeev/article/view/223>. <https://doi.org/10.5281/zenodo.15738450>
- Roy, S., & Bairagya, S. (2019). Conceptualisation of pedagogical content knowledge (PCK) of science from Shulman’s notion to Refined Consensus Model (RCM): A journey. *Education India Journal: A Quarterly Refereed Journal of Dialogues on Education*, 8(2), 55–59.
- Majumder. R & Bairagya. S (2025) Exploring Teachers’ Perceptions on the Provisions of NEP 2020 for Teachers, *Bharati International Journal of Multidisciplinary Research and Development*, vol-3 Issue-3.
- Maity.N, Maity.A., Bairagya.S,(2024) Innovation In Teaching- Learning Process: Requirement Of The Present Era, Perspective Issues And Research In Teacher Education Isbn 978-93-92522-26-0.
- Bairagya, S(2021). Models of Teaching: Bruner and Ausubel, *Educational Technology: Essentials, Approaches and trends*, Redshine.
- **News Sources:**
  - Down to Earth. (2023). *MGNREGA crisis in West Bengal: Rural workers forced to migrate amid fund freeze*. Retrieved from [www.downtoearth.org.in](http://www.downtoearth.org.in).
  - Hindustan Times. (2022). *MGNREGA fund freeze leaves thousands of rural workers unemployed in West Bengal*. Retrieved from [www.hindustantimes.com](http://www.hindustantimes.com).
  - Article 14. (2023). *MGNREGA and the rural employment crisis: A ground report from Malda, West Bengal*. Retrieved from