LITERATURE SURVEY

TITLE	AUTHOURS	YEAR	TECHNIQUES	FINDING/PROS/CONS
A Critical review of sensor for the continues monitoring of smart and sustainable railway infrastructures	Castillo-Mingorance, Juan Manuel	2020	Real-Time monitoring; rail track sensor; smart infrastructure; structural health monitoring; review	Identifying and studying the main modes of railroad failure through the literature review of scientific indexed journals as well as technical reports.
Smart railway sleeper-a review of recent developments, challenges, and future prosoects	Jing, Guoqing and Siahkouhi, Mohammad and Edwards	2021	Smart railway sleepers, Sustainability design; Self-Sensing; Structural health monitoring ;high speed railway; concept sleepers	the application of smart sleeper technologies include the use of intrinsic self-sensing concrete, adding self-healing features, taking advantage of recent wireless sensing developments, and connecting with the emerging use of Internet of Things (IoT) technology.
Wireless Sensor network:Towards smarter railway ststion	Alawad,Hamad	2018	railway station; wireless sensor network WSN; security and safety in a railway station; smart railway stations; railway data; machine learning in railway stations	use in railway station systems, including advanced WSNs, which will enhance security, safety, and decision-making processes to achieve more cost-effective management in railway stations, as well as the development of integrated systems
A review of	Corman	2014	high-speed rail;	The related disciplines in

online dynamic models and algorithms for railway traffic management	,Francesco and Meg , Lingyun		artificial intelligence; smart planning; intelligent control; intelligent maintenance	HSR where AI may play an important role, such as civil engineering, mechanical engineering, electrical engineering and signalling and control.