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(54) Title of the invention : SYSTEM AND METHOD FOR DIAGNOSIS AND TREATMENT IN PHYSIOTHERAPY AND REHABILITATION ROBOTS

(51) International classification :A61H39/00, G06N20/00 , G06N3/08, G16H20/30	(71)**Name of Applicant :**
	  1)**Chitkara University**
	    Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
	  2)**Bluest Mettle Solutions Private Limited**
	Name of Applicant : NA
	Address of Applicant : NA
	(72)**Name of Inventor :**
	  1)**MISHRA, Rahul**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- -----------
	  2)**SINGH, Dhiraj**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- -----------
	  3)**MANTRI, Archana**
	Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------

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(57) Abstract :
The present disclosure relates to the field of physiotherapy and rehabilitation robotics. Specifically, the system (100) and method (300) encompasses an AI-based technique that enables advanced diagnosis and treatment capabilities in physiotherapy and rehabilitation robots. The system (100) and method (300) utilizes machine learning and AI techniques to analyze patient data, perform accurate diagnosis, and generate personalized treatment plans. By integrating the AI based techniques into physiotherapy and rehabilitation robots, the subject matter enhances the effectiveness, efficiency, and personalization of therapy, leading to improved patient outcomes.

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