

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211018730 A

(19) INDIA

(22) Date of filing of Application :30/03/2022

(43) Publication Date : 09/02/2024

(54) Title of the invention : ADAPTIVE FEEDING DEVICE FOR TODDLER

(51) International classification	:B25J0005000000, A01K0005020000, G09B0005060000, G01N0033543000, G09B0005000000	(71) Name of Applicant : 1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Sajjan Singh
(33) Name of priority country	:NA	2)Sarabpreet Kaur
(86) International Application No	:NA	3)Vikrant Verma
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an adaptive feeding device for toddler comprising a platform 1 configured with multiple wheels 2 via a telescopic rod for enabling the platform 1 to move in multiple directions, an image capturing module 3 installed over the platform 1 and coupled with an ultrasonic sensor for determining location and distance of a toddler from the platform 1, a primary and secondary feeding units 4, 5 configured over the platform 1 for picking and feeding eatables to the toddler, a slidable flap unit 6 arranged on the platform 1 for aiding the feeding units 4, 5 in collection of eatables and a touch interactive screen 7 mounted on the platform 1 for enabling a user to input time interval of feeding the toddler along with the amount of food required by the toddler.

No. of Pages : 12 No. of Claims : 3