

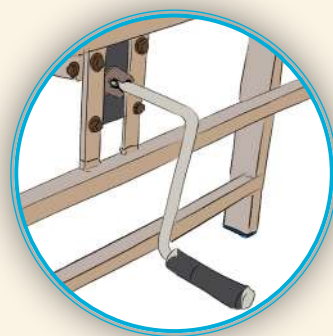
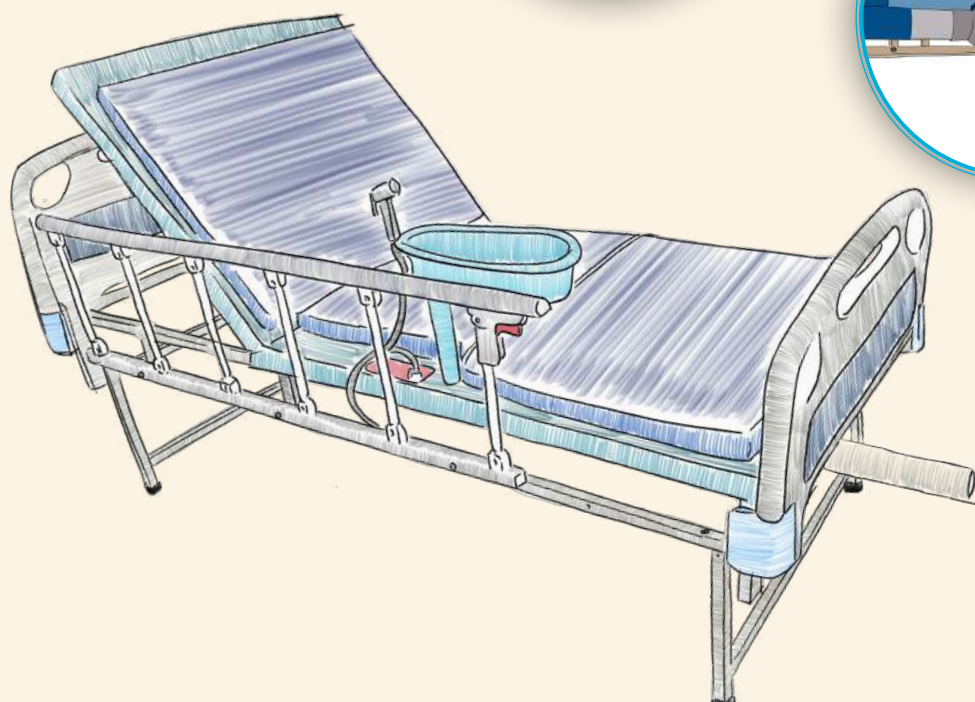
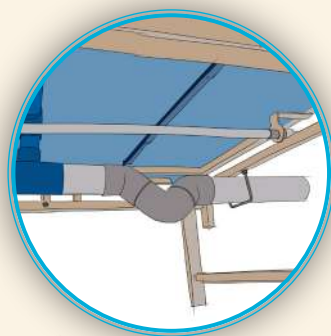
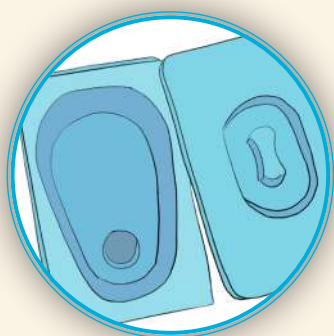
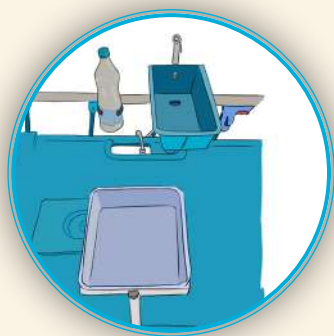


Centre for Innovations in Public Systems

(An Autonomous Centre of Administrative Staff College of India
Established by the Government of India)

REPLICATION OF INNOVATION IN HEALTH SECTOR

Multipurpose Bed With Push Back Seat and Built-In-Commode for Bedridden Patients



About CIPS

The Government of India has set up the Centre for Innovations in Public Systems (CIPS) in May 2010 as an autonomous body in pursuance of the recommendations of the XIII Finance Commission. In line with its mandate and objectives, CIPS located in Hyderabad, is working with State, Central and District-level Government Departments and functionaries in developing policies and practices for promoting an innovative culture and transforming creative ideas into sustainable practices for improving service delivery.

Mission: Nurture an ecosystem and develop a culture of Innovations in Public Systems

Vision: Provide assistance to the state governments in developing policies for promoting innovative culture for transforming creative ideas into sustainable practices

CIPS is a unique institution that caters to the various needs of the developing society as under:

- Develop policies to accelerate the process of innovation for sustainable change and transformation in public systems.
- Scout, scan, identify and replicate innovations in various fields like Education, Health, Good Governance, Tribal/Rural Development, Environment, Agriculture, Biodiversity, etc.

- Facilitate the pursuit of diagnostic studies to identify possible barriers that block innovations and also factors that facilitate innovations in public systems.
- Design relevant training programmes, in partnership with state govt., to facilitate the emergence of ecosystems that nurture cost-effective innovative ideas.

The Centre contributes in a major way to the activity profile of the Central and State Governments with high visibility programs and projects that reflect the trust and confidence reposed by them and enhance its recognition and reputation for committed, high-quality work in policy advocacy and implementation support. The rich legacy and the reputation that the Centre has built over the years in carrying out projects and programs continue to add to the goodwill, and credibility of the Centre as a dependable think-tank for policy inputs trusted knowledge-source and reliable implementation partner. It aids the State Governments in developing policies for promoting an innovative culture for transforming creative ideas into sustainable practices at the local level. The Centre thus helps create a climate to nurture a culture for accelerating and diffusing innovations in public systems.

Director General (i/c), Administrative Staff College of India (ASCI) & Head - Steering Committee, CIPS

It gives me immense pleasure to know that CIPS has started its replication work of identified innovations in field complying with one of its mandates. The Multi-Purpose Cot Bed with Built-in Commode and Push Back Seat for Bedridden Patients fabricated by Shri Alladi Prabhakar, Founder, Prabhat Industries is one such grass-root innovation that provides better palliative care and ensures better living for bedridden patients at an affordable cost.






I congratulate CIPS for taking up the replication of one of its kind health care innovations which helps in making the lives better for bedridden patients and also reduces burden on their caregivers. It gives me immense joy to hear that the same innovation has received a “PATENT” from the Controller General of Patents, Government of India for its unique and useful design in alleviating the suffering of the paralytic, ailing patients and senior citizens.

I hold the opinion that the above innovation is worthy of replication in health sector by scaling it up in different states. I hope that this booklet would be of immense help in knowing its features and also using it efficiently.


Dr. Nirimalya Bagchi

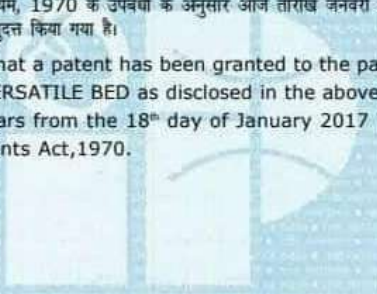
Director General (i/c), ASCI &
Head, Steering Committee, CIPS

 <p>INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS</p>	 <p>सुलभम् जयते</p> <p>भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)</p>	<p>क्रमांक : 044143876 SL No :</p> 
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पेटेंट सं. / Patent No.	:	404008
आवेदन सं. / Application No.	:	201741001976
फाइल करने की तारीख / Date of Filing	:	18/01/2017
पेटेंटी / Patentee	:	ALLADI PRABHAKAR

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित PRABHATH VERSATILE BED नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जनवरी 2017 के अठारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled PRABHATH VERSATILE BED as disclosed in the above mentioned application for the term of 20 years from the 18th day of January 2017 in accordance with the provisions of the Patents Act, 1970.



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

 <p>पेटेंट कार्यालय THE PATENT OFFICE GOVT OF INDIA सुलभम् जयते</p>	<p>अनुदान की तारीख : 22/08/2022 Date of Grant :</p>	 <p>पेटेंट नियंत्रक Controller of Patent</p>
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टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जनवरी 2019 के अठारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 18th day of January 2019 and on the same day in every year thereafter.

Shri Alladi Prabhakar has received a “PATENT CERTIFICATE” from the Patent Office, Government of India for the Prabhath Versatile Bed (Multipurpose Bed With Push Back Seat and Built-In-Commode for Bedridden Patients)

REPLICATION OF INNOVATION IN HEALTH SECTOR

Multipurpose Bed with Push Back Seat and Built-In-Commode for Bedridden Patients

1. Introduction

According to the World Health Organization, each year, an estimated 40 million people need palliative care, 78% of them live in low-middle income countries. Worldwide only about 14% of people who need palliative care currently receive it. The global need for palliative care will continue to grow as a result of the rising burden of non-communicable diseases and ageing populations. It is estimated that less than 3% of patients in India have access to adequate palliative care (WHO, 2018). Therefore, the need for palliative care in India is immense.

2. Sustainable Development Goals (SDGs) and Palliative Care

A multipronged strategy for strengthening the health care systems and evolving appropriate framework is the need of the hour. The Sustainable Development Goals (SDGs) are a bold, universal agreement to end poverty in all dimensions and craft an equal, just and secure world for people, planet and prosperity by 2030. As health being one of the focus areas of CIPS, and in view of building solutions to provide a sustainable future for people who need palliative care, CIPS has taken note of the following three SDGs out of seventeen:



SDG 3: Good Health and Well-Being

Ensure healthy lives and promote well-being for all at all ages

“3.8. Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all”.

SDG 6: Clean Water and Sanitation

Ensure availability and sustainable management of water and sanitation for all

“6.2. By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations”.

“6.8. Support and strengthen the participation of local communities in improving water and sanitation management”.

SDG 9: Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

“9.1. Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all”.

“9.3. Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets”.

Having studied latest trends which have laid down a framework for strengthening the health care systems, CIPS continues to invest its efforts to replicate viable innovations for low-income groups, including people with disabilities, pregnant women, impoverished frail elderly among others in terms of service coverage, health or both.

3. Background of the Innovation - “Multipurpose Cot-Bed cum Toilet with Push Back Seat and Built-in Commode for Bedridden Patients”

On the eve of Telangana State Formation Day, 2nd June 2019, T-Innovation Utsavam was organized by Telangana State Innovation Cell (TSIC); set up by the Govt. of Telangana under the State Innovation Policy. **TSIC has partnered with CIPS and other collaborators** being Creya Learning & Research, NIRD & Inqui-Lab Foundation in organizing this event which served as an exclusive platform for the Rural Innovators across the state to exhibit their innovations and to get connected to the incubator and stakeholder ecosystem. During this event, an innovatively fabricated item named “Multipurpose Cot-Bed cum Toilet with Push Back Seat and Built-in Commode for Bedridden Patients” designed by Shri Alladi Prabhakar, Innovator & Managing Director, Prabhath Industries, Metpally, Telangana has come to the notice of CIPS. It was learnt that Mr. Prabhakar has already sold a few to families with sick and bedridden patients.

4. Innovation Context

Health care delivery systems are complex with several key dimensions related to types of providers, their characteristics, and who deliver what services to whom in the population. There are huge diversities across states and within states. Citizens face a chaotic and mostly unregulated market which is very segmented by health needs, social groups, location, age, sex, and other factors. All of this matters a great deal for system outcomes of health, financial protection, and satisfaction.

As health being one of the focus areas of CIPS, this Multipurpose Cot-Bed which is a grass root level innovation found to provide a better palliative care and ensures a better living for the people who are disabled/bedridden. This locally fabricated Multipurpose Cot-Bed enables bedridden people to reduce their dependency on others in carrying out their day-to-day chores.

This innovation was conceptualized to address the following challenges:

- Impairment in the ability of patients to carry out activities of daily living
- Mobility of patients by caregivers to carry out day-to-day chores
- Provide comfort measures as required
- Availability of devices that help maintain normal alignment of body parts
- Facilitate the development of community-based home care initiatives
- Reduce the dependence of the patient on the attendant

5. About Multipurpose Cot and its specifications

In the view of addressing major challenges faced by bedridden patients and difficulty of those attending them, Mr. Alladi Prabhakar has invented a “Multipurpose Cot with Push Back Seat and Built-In-Commode for Bedridden Patients”.

The cot is made of fibre and weighs just 55kg making it lighter, rust-free and more durable compared to other beds. Its dimensions are 78 inches length, 36 inches width and 20 inches height making it convenient for the patients to sit/lay down on the bed. This cot is of great help to the bedridden patients (physically challenged, paralytic, orthopedic patients, pregnant women, etc. to manage themselves without assistance.



The bed comes with following specifications:

a) Commode with a P Trap System

The cot has a closet Built-in Commode at the centre with P-Trap System beneath the split mattress, which can be connected directly to the drainage pipeline to clear the waste. This P-Trap System holds a small amount of water that prevents sewer gases from rising up into the surroundings.





b) Hand Shower:

The cot has a hand shower pipe that can be connected to a tap/water inlet. Adjustable wash basin is another good feature of the cot that can be used for easy face/hand wash, etc.

c) Push-Back Rotary Handle

The cot has a manual push back rotary handle for raising or lowering the seat. Raising and lowering the height of the bed can help bring the bed to a comfortable position for the patient to sit upright at various angles for feeding and other activities or for caregivers to work with the patient.



d) Hospital Bed ABS Panels

ABS resins of this bed come with well-balanced set of properties with tight dimensional control articles and an outstanding surface finishing, good impact resistance, and metal plating characteristics to a bed.

e) Side Railings

Side rails, also known as bed rails or cot sides, are widely used to reduce the risk of falls of the Bed-Ridden patients.

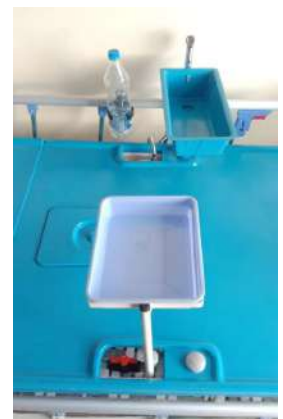


f) Removable Tray for Serving Food:

A removable bed tray in this bed comes as a best solution for a stable table surface to have food when in bed. These tables are movable and can be adjusted to cater to the needs of the patient. It fits the bed and provides able support for the patient and can facilitate caregivers to provide excellent patient care.

g) Water Bottle Holder

Water Bottle Holder provides easy access to water the bed-ridden patients.



6. Objectives of the Innovation

- Improve access to quality health services with the reduced financial burden
- Relieve suffering and enhance the quality of life for patients and their families regardless of the stage of the disease
- Enhance and ensure optimal utilization of their preserved abilities

7. Innovator and Start-up Company

Shri Alladi Prabhakar, with just an SSC certificate in hand and a resident of Metpally town, Karimnagar is the Managing Director of Prabhath Industries. Mr Prabhakar runs a small factory in Metpally and has employed about 10 workers. His son Pranay Kumar, an MTech graduate from VNR Vignan Jyothi, helps his father in marketing and branding of the products. With a few innovations in hand and several in the pipeline, he established Prabhat industries in 1990.

“India has a lot of patients but not enough beds and facilities. And most often, the families find it very hard to take care of them. So, I wanted to create a solution and came up with the concept of Multipurpose Bed. A patient doesn’t have to move from the bed for anything,” Prabhakar says.

Currently, he markets and sells 12 of his notable innovations across the country. One of his most coveted innovations is a Multipurpose Bed that he created in 2016.

8. Scaling up of Innovation

Disseminating information about the innovative practices and most importantly, transforming this information into knowledge for the benefit of people looking for effective solutions to governance problems, is a challenge that CIPS has taken up very seriously.

CIPS has been instrumental in scaling up the Multipurpose Bed innovation to expand and institutionalize community health strategies so that more people will benefit on lasting basis. Realizing the growing interest of government bodies in a much more systematic approach to social experimentation has inspired CIPS to replicate this innovation within government hospitals.

CIPS strongly believes that sharing information and transferring knowledge on innovative practices are important tools for stimulating and inspiring governments in their reform efforts towards achieving more inclusive development.

8.1. Replication of Multipurpose Bed at Mahatma Gandhi Memorial Hospital (MGMH), Warangal Urban

With the support from the District Collector, Warangal Urban, DM&HO, Warangal Urban, CIPS has successfully installed two units of the multi-purpose bed at the Palliative Care Unit, MGMH at its cost.

Thereafter, on 17th August 2019, the aforesaid beds were inaugurated by Shri. C. Achalender Reddy, IFS, Director, CIPS.



Inauguration of “Multipurpose Cot-Bed cum Toilet with Push Back Seat and Built-in Commode for Bedridden Patients” by Shri. C. Achalender Reddy, IFS, Director, CIPS at Palliative Care Unit, Mahatma Gandhi Memorial Hospital (MGMH), Hanamkonda, Warangal on 17th August 2019

8.2. Replication of Multipurpose Bed at Jangaon - District Hospital and Mother and Child Health (MCH) Hospital

In continuation with the replication efforts of CIPS, another two units of the Multi-Purpose Bed were successfully installed at Palliative Care Unit, District Hospital, Jangaon (1 unit) and Recovery Room, MCH, Jangaon (1 unit) and were inaugurated by Shri. Achalender Reddy, IFS, Director, CIPS on 6th November 2019.



Inauguration of “Multipurpose Cot-Bed cum Toilet with Push Back Seat and Built-in Commode for Bedridden Patients” by Shri. C. Achalender Reddy, IFS, Director, CIPS at Palliative Care Unit, District Hospital, Jangaon on 6th November 2019.

8.3. Visit to Mother and Child Health (MCH) Hospital, Jangaon and District Hospital Jangaon

CIPS team made a visit to Mother and Child Health (MCH) Hospital, Jangaon and District Hospital Jangaon to inspect and collect feedback on the usage of the bed by the patients on 25th October 2021.



CIPS team at the MCH Hospital, Jangaon and District Hospital, Jangaon inspecting the bed on 25th October 2021.

8.4. Replication of Multipurpose Bed at Mulugu Area Hospital, Mulugu District, Telangana

In continuation with the replication efforts of CIPS, another two units of the multi-purpose bed were successfully installed at Mulugu Area Hospital, Mulugu District and were launched by Shri. Jagadeeshwar, Superintendent, Mulugu Area Hospital, Mulugu District in the presence of Advisor, CIPS and Project Officer, CIPS on 14th March 2022.



Shri. Jagadeeshwar, Superintendent, Mulugu Area Hospital inaugurated the Multi-Purpose Cot Bed for Bed Ridden Patients in the presence of Advisor, CIPS and Project Officer, CIPS on 14th March 2022 at Mulugu Area Hospital, Mulugu District, Telangana.

9. Feedback from Patients and Hospital Management

Post installation of beds, the CIPS team has undertaken a couple of visits to the aforesaid hospitals to understand the experience of patients and hospital management in using the beds. During the interaction, the team received a very positive feedback from them. The hospital management appreciated CIPS team for taking lead in disseminating the innovation which helps the hospitals to provide a better palliative care at affordable price.

10. Outcomes of the Replication

CIPS works with change agents at all levels to create more inclusive systems that integrate innovations to deliver better results and supports innovators, funders and policy makers for continuous and iterative learning, knowledge sharing and collaboration. In this endeavor, CIPS has provided handholding support to the Innovator, Shri Alladi Prabhakar and created opportunities to improve, scale and replicate the innovation. After successful replication at government hospitals in Warangal and Jangaon, Mr. Prabhakar received several Awards and recognitions from National Institute of Rural Development and Panchayati Raj (NIRD&PR), Hyderabad; Confederation of Indian Industry (CII), Government of Telangana and Indian Innovators Association (IIA) - National Small Industries Corporation (NSIC) among others. Mr. Prabhakar has also received a good number of new orders from different parts of the country and the sales of multipurpose beds scaled up to a great extent.

11. Awards/Recognitions

1. **Man'Exe-2019** organised by the Confederation of Indian Industry (CII) in partnership with the Government of Telangana at HICC, Novotel, Hyderabad on Oct 18, 2019



Shri. A. Prabhakar receiving “Man’Exe-2019” memento from Shri. K. T. Rama Rao, Minister of MA&UD, Industries & IT & C and Mr. Pranay, S/o Shri. A. Prabhakar receiving “Certificate of Appreciation” from Dr. G. Ranjith Reddy, MP, Chevella.

2. The Rural Innovators Start-up Conclave (RISC-2019) organised by National Institute of Rural Development and Panchayati Raj (NIRD&PR), Hyderabad held during 27th – 28th September 2019



Shri A. Prabhakar receiving a memento for 'Best Start-up' from Smt. SadhviNiranjanJyoti, Hon'ble Union Minister for State Rural Development, GoI and Dr. W. R. Reddy, IAS, DG – NIRD&PR

3. Receiving appreciation letter on 15th August 2022 from Shri Koppula Eshwar, Minister for Scheduled Castes Development, Minority Welfare, Disable Welfare and Senior Citizen Welfare in the presence of Shri M Sanjay Kumar, MLA, Jagityal; Shri G. Ravi, IAS, Collector and Smt. Ch. Sindhu Sharma, SP of Jagityal District.



Mr. A. Prabhakar receiving appreciation letter from Shri Koppula Eshwar, Minister of Scheduled Castes Development, Minority Welfare, Disable Welfare and Senior Citizens Welfare, Govt. of Telangana

PRABHATH INDUSTRIES

General Engineering Works

Opp: L.I.C. Office, METPALLY - 505 325, Dist: Jagityal (T.S.) INDIA

website: www.prabhathindustries.com email: prabhathmtpl@gmail.com

Mfrs: AMF Panel, Air Cooler, Battery Invertors, All types of electric motors, rewinding,
DG Set & Industrial Panel Board Repairing, Old Generators Hiring, Buying & Selling

NOTE

Date: 05-09-2022

Sub: Issue of patent to versatile bed designed by me

1984లో ఎన్నో ఆశలతో, ఆలోచనలతో స్వంతమైన కలంనగర్ జిల్లా చిట్టాపూర్ విడిచి జగిత్యాల జిల్లా మెట్పల్లి చేరుకొని, ఒక చిన్న ఎలక్ట్రిక్ దుకాణం పెట్టుకొని ప్రయాణం మొదలు పెట్టినాను. అట్లు మొదలైన నా ప్రయాణంలో ఎన్నో డక్కా మొక్కలు తింటు 1990లో ప్రభాత్ ఇండస్ట్రీస్ స్థాపించి చిన్న చిన్న ఆవిష్కరణలు (Innovations) చేస్తూ, మల్టీ పర్పస్ బెడ్ (Multi Purpose Bed/Versatile Bed) లాంటి వైవిధ్యమైన ఆవిష్కరణతో పాటు ఇతర ఆవిష్కరణలు కూడ చేసినాను.

ఈ ప్రయాణంలో నా కుటుంబంతో పాటు ఎందరో ఎన్నో విధాల సహాయ సహకారాలు అందించి ముందుకు నడిపించినారు. వారందరికీ ఋణగ్రస్తుడని. వారందరిలో ముఖ్యులు శ్రీ అచలేందర్ రెడ్డి గారు, IFS, Retd., డైరెక్టర్, సెంటర్ ఫర్ ఇన్నోవేషన్స్ ఇన్ పబ్లిక్ సిస్టమ్స్ (Centre for Innovations in Public Systems).

2017లో పరిచయమైన రెడ్డి గారు, ఆ నాటి నుండి ఈ బెడ్ను పాపులర్ చేయడానికి ఎంతో కృషి చేసినారు. వెన్ను తట్టి ధైర్యం చెప్పినారు. తమ సంస్థ ద్వారా ఈ బెడ్ను అందరికీ తెలిసేటట్లు ప్రచారం చేయడమే కాక, తమ సంస్థ ద్వారా, జిల్లా ఏరియా ఆసుపత్రి, జనగాం, మాత శిశు ఆసుపత్రి, జనగాం, MGM ఆసుపత్రి, హనుమకొండ మరియు ప్రభుత్వ ఏరియా ఆసుపత్రి ములుగుకు దానం చేసి చాల ప్రాచుర్యం కల్పించినారు దీని వలన ఈ versatile మంచం గురించి చాల మందికి తెలియడమేకాక, దానిని మరింత మెరుగు పరచడానికి అవకాశం కల్గింది. అంతేకాకుండా ఒక్క చిన్న పుస్తకాన్ని కూడ ప్రచురించి విస్తారంగా ప్రచారం చేసినారు.

శ్రీ అచలేందర్ రెడ్డి గారి సహాయం, ఆయన ఆశీర్వాదం మరియు దేవుని దయ వలనే బహుశ, ఈ మంచంకు Patent వచ్చిందనుకుంటాను. బహుశ ఇలాంటి వ్యక్తిత్వంగల మనుషులు నా లాంటి వారందరికీ దొరికితే ఇంకా ఎన్ని ఆవిష్కరణలు వచ్చేవో. శ్రీ అచలేందర్ రెడ్డి గారికి మరియు నాకు సహాయం మరియు ప్రోత్సాహం ఇచ్చిన వారందరికీ నా కృతజ్ఞతలు తెలుపుతూ ముగిస్తున్నాను.

మీ



అల్లాడి ప్రభాకర్

Alladi Prabhakar

Abstract of the Note

Shri Alladi Prabhakar, founder, Prabhat Industries, Metpally, Jagityal District, Karimnagar, Telangana has written a note in vernacular (Telugu) language expressing his sincere gratitude to the Centre for Innovations in Public Systems (CIPS) for promoting “Prabhat Versatile Bed” (Multi-Purpose Cot Bed cum Toilet) across the state.

The abstract of note is as follows:

In 1984, I moved from my native village Chittapur to Metpally, Jagityal District and founded Prabhat Industries in the year 1990 and has been innovating various products including Multi-Purpose / Versatile Bed.

In 2017, I met Shri C Achalender Reddy, IFS, (Retd), Director, CIPS and from then he has been guiding and encouraging me and helping me in promoting the bed across the State. In order to replicate the innovation, the CIPS, has sponsored beds in the District Area Hospital, Jangoan, Mother and Child Hospital, Jangoan, Government Area Hospital, Mulugu, and MGM Hospital, Hanumakonda. This has also helped me in improving the product.

I am happy to share that Prabhat Versatile Bed has received the Patent Certificate and I express my heartfelt thanks to my family members, well-wishers, and Shri C Achalender Reddy, IFS (Retd.), Director, CIPS for their constant support and guidance.

From

Alladi Prabhakar

Study of Multipurpose Bed with Push Back Seat and Built-in-commode for Bedridden patients using at Household level

CIPS has provided handholding support to the Innovator of this multi-purpose bed, Shri Alladi Prabhakar and created opportunities to improve, scale and replicate the innovation. After successful replication at government hospitals in Warangal and Jangaon, Mr. Prabhakar received several Awards and recognitions. Prabhat industries also received a good number of new orders for installation at household level from different parts of the country and the sales of multipurpose beds scaled up to a great extent.

In view of accelerating and further scaling up the innovation, CIPS conducted a survey to obtain feedback from the patients using the multi-purpose bed at household level.

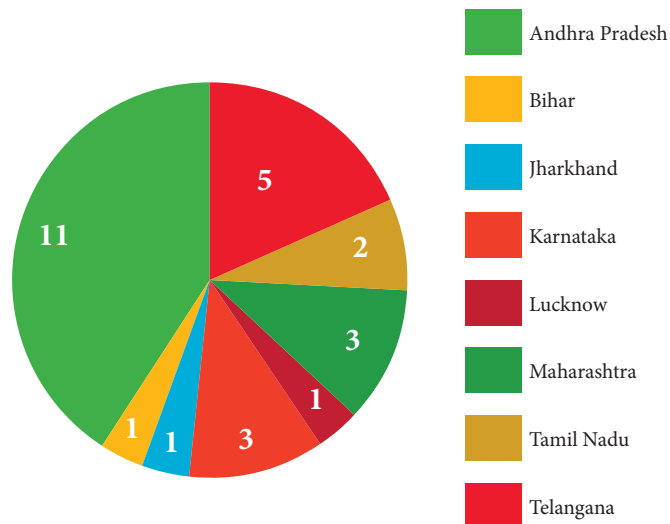
<i>The total sample size of the study</i>	<i>27</i>
<i>Mode of Survey</i>	<i>Telephonic Calls</i>

The contact details of the existing users of the Multi-Purpose Cot Bed with Push Back Seat and Built-in Commode for Bedridden Patients at household level was collected from the Prabhat Industries and subsequent telephonic calls were made to collect the feedback.

Feedback Analysis

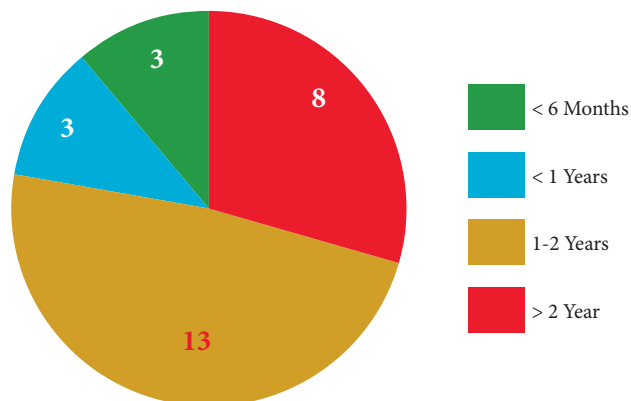
1. How many beds were sold across various states in India?

The highest number of beds were sold in Andhra Pradesh followed by Telangana and Karnataka



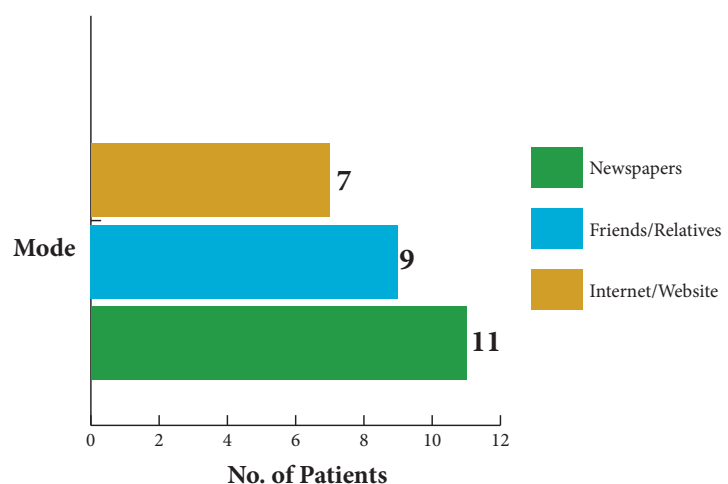
2. How long have you used this bed?

Most of the patients involved in the study are using bed since last 2 years.



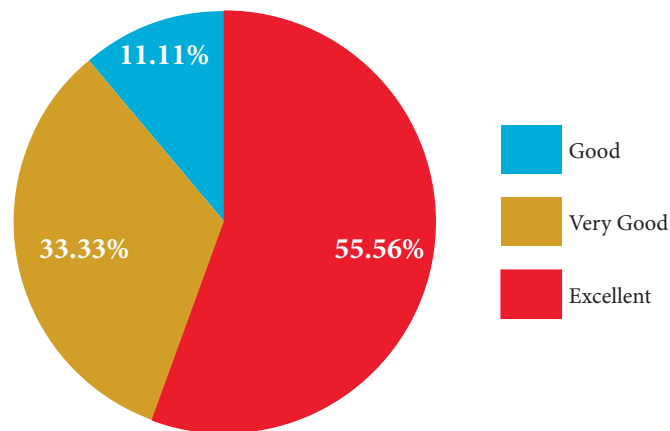
3. How did you learn about this bed?

Most of the patients/care givers learned about the bed from newspapers and a few of them from friends/relative/Internet/website.



4. Overall, how satisfied are you with this Bed?

56% of the patients/care givers rate the overall experience of the bed as excellent while 33% rate it as very good.



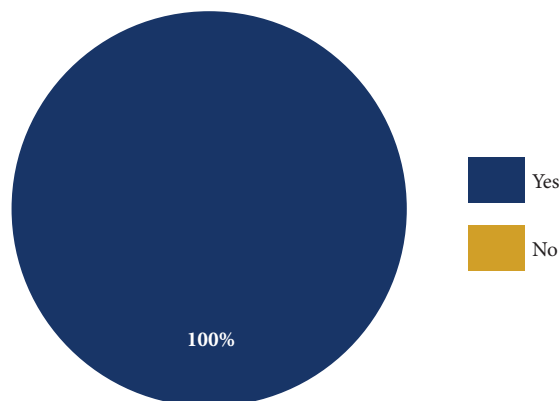
5. Rate the functioning of the following specifications of the bed:

	Commode	Taps	Split Mattress	Flush
Excellent	18	18	16	17
Very Good	6	7	6	5
Good	3	2	2	3
Poor	0	0	3	2

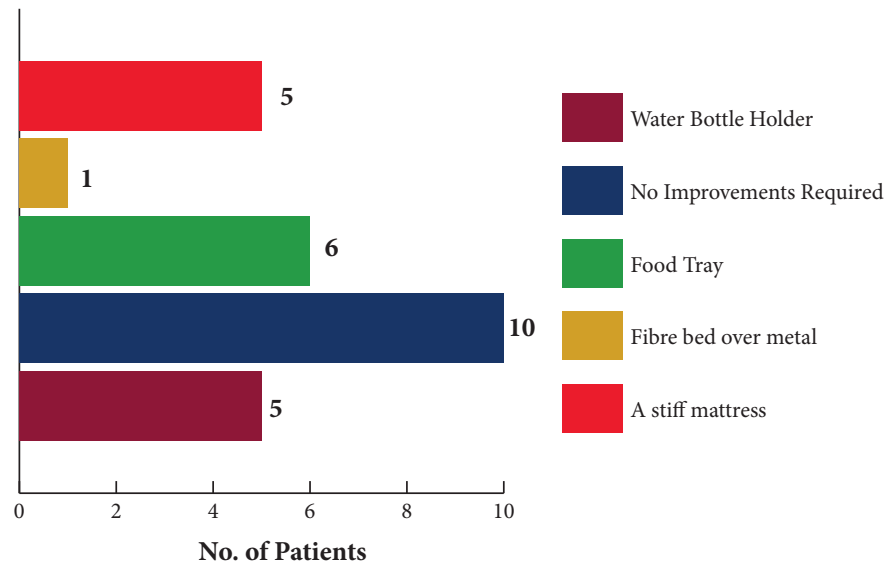
It is evident from the above table that most of patients/caregivers expressed satisfaction with respect to the facilities of the bed i.e., flush, split mattress, taps and commode are functioning well with minimum, or zero maintenance cost.

6. Will you recommend this bed to others?

The graphs presents that all the patients/caregivers (100%) highly recommend this bed to others.



7. What additional features would you like to see in this bed?



The study also revealed that most of the patients felt additional features to be attached to the bed which could include water bottle holders, food tray, fibre body bed over the existing metal body, a stiff/better quality split mattress.

Conclusion:

The survey revealed that, this innovation - *“Multipurpose Bed with Push Back Seat and Built-in-commode for Bedridden patients”*, has been of great benefit to the bed-ridden patients to carry out their day-to-day activities with ease and help the care givers to attend them better.

Based on our feedback analysis, Mr. Prabhakar, innovator has added new features as suggested by respondents.

To procure the Bed, kindly contact:

Shri. Alladi Prabhakar

Prabhath Industries

General Engineering Works

Opp. LIC Office, Metpally - 505 325, District Jagityal, Telangana, India.

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