



Ministry of Health and Family Welfare,
Government of India



Blood Transfusion Services, Directorate General of Health Services
Ministry of Health and Family Welfare, Government of India

BLOOD FOR LIFE

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THEME OF THE ISSUE :
**NATIONAL VOLUNTARY
BLOOD DONATION DAY**

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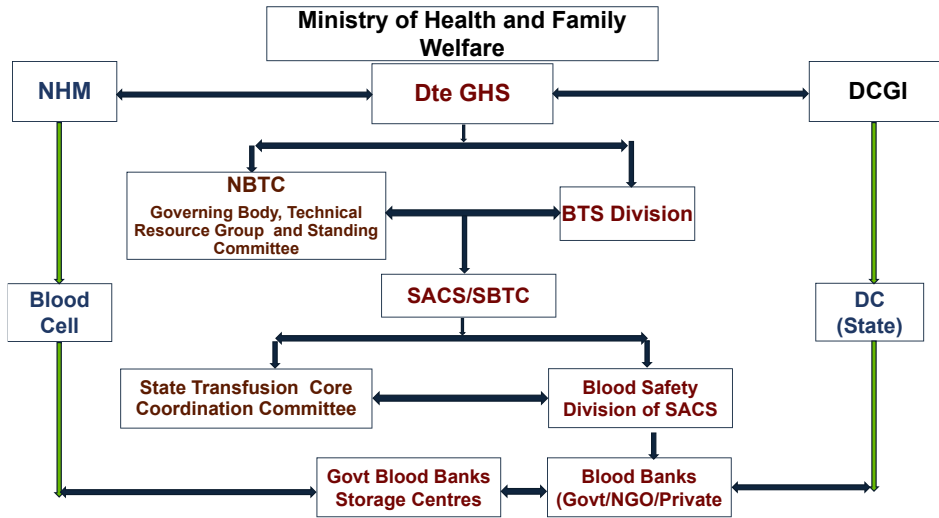
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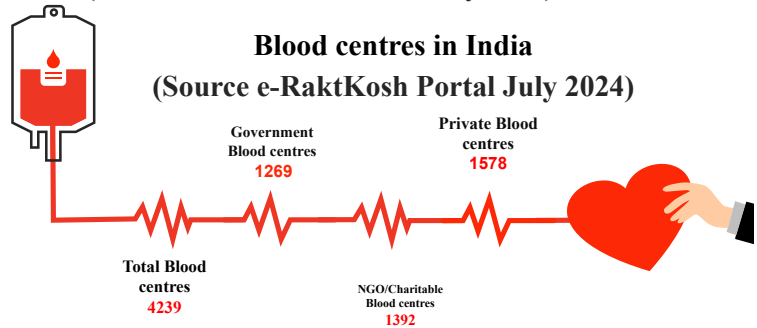
OVERVIEW OF BLOOD TRANSFUSION SERVICES IN INDIA

Organogram of BTS/NBTC

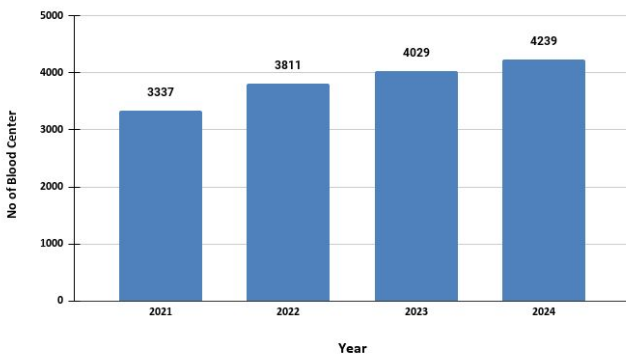


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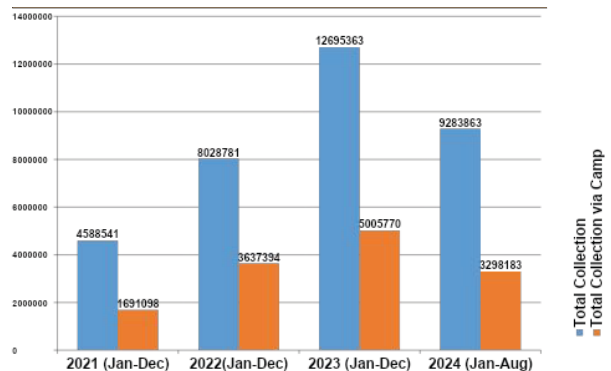
Annual requirement of blood for the country is 14.6 million units. Complete ban on Professional Blood Donation came in 1996 through a Supreme Court judgment. The National Blood transfusion Council and State Blood Transfusion Councils were established and licensing of all Blood Banks was mandated in 1996. National Blood Policy was formulated in 2002. National Blood requirement Estimation done in 2016-17. Mandatory testing for five Transfusion Transmissible Infections (TTI) viz. HIV/AIDS, Hepatitis B, Hepatitis C, Syphilis and Malaria, is done in each unit of blood collected. The aim is to have voluntary non-remunerated donation through a well-coordinated and networked blood transfusion service.



TOTAL REGISTERED BLOOD CENTRES (AS ON SEP 2024)



TOTAL BLOOD COLLECTION (SOURCE E-RAKTKOSH PORTAL)



Key Strategies

Increasing	Promoting	Enhancing	Establishing	Building
Regular voluntary non-remunerated blood donation to meet the safe blood requirements of the country	Component preparation and availability along with rational use of blood in health care facilities.	Blood access through a well networked regionally coordinated blood transfusion services	Quality Management Systems to ensure safe and quality-assured blood	Implementing structures and referral linkages

Objectives of BTS

Blood Transfusion Services ensures that Blood and Components (Whole Blood/ Packed Red Cells/ Plasma/ Platelets/Cryo etc) are

- ▶ Available (Adequate Blood Collection to fulfill need)
- ▶ Accessible (Enough reach where it is needed)
- ▶ Safe (Not cause harm, especially TTI)
- ▶ Standard quality (Provide clinical gain)

National Blood Transfusion Council (NBTC)

NBTC is the policy formulating apex body for all matters pertaining to the Blood Transfusion Services for the country. Similarly State Blood Transfusion Councils are set up at State level to adopt/ adapt and implement the policy directives of NBTC.

Role of NBTC

- ▶ To formulate policy, strategy, standards and technical guidelines
- ▶ To monitor the provisioning of blood across all sectors
- ▶ To coordinate national level policy and strategy for promotion of Voluntary Blood Donation
- ▶ To support capacity building in blood services, including technical education

Activities and Achievements

- ▶ National Workshop on Blood Safety Roadmap for the Country's blood transfusion services organized in July 2022.
- ▶ Released 2nd edition NBTC Standards for Blood Centers and Blood Transfusion Services in 2022.
- ▶ Released 3rd edition Transfusion Medicine Technical manual on 3rd August 2023.
- ▶ Processing Charges for Blood and Blood products have been revised in June 2022.
- ▶ Collaboration with the National Viral Hepatitis Control Programme for early identification and appropriate management of Hepatitis C & B positive donors.
- ▶ IEC plan developed for the next 2 years (AV films, Jingles, Conference etc.)
- ▶ Region-wise (4 batches) ToT Training each for Counselors, Medical officers, Lab Technician regarding blood safety etc. was conducted across the country & around 150 participants were trained during each category.
- ▶ The e-RaktKosh portal is earmarked as an interface for Blood Centres, Blood Donation Camps, and Voluntary Donors.
- ▶ Quarterly E-newsletter publication started by BTS Division from August 2024.
- ▶ External Quality Assessment Scheme (EQAS) has been started in the country for Directorate General

of Health Services supported blood centers in collaboration with Christian Medical College (CMC) Vellore, Santokba Durlabhji Memorial Hospital (SDMH), Jaipur & Indian Red Cross Society (IRCS), Mumbai.

- ▶ Organized Pan India NGO Conclave on 1st October 2024 at Jaipur Rajasthan on occasion of NVBDD. Approximately 120 NGOs actively participated and also showcased their IEC material etc. during the conclave.
- ▶ Providing Grant in AID to states through SACS(State AIDS Control Society) towards contractual manpower in Blood Centres, State Blood Transfusion Councils, IEC activities, organizing voluntary blood donation camps, other contingent expenses etc.
- ▶ Technical and Financial Support for 1131 Blood Centres
- ▶ Financial support for 75% of the total requirement of diagnostic kits and blood bags for Blood Transfusion Services supported Blood Centres. Rest 25% of the kits and commodities are managed by the states through State/NHM funds.
- ▶ Establishment of Metro Blood banks
- ▶ Provision and maintenance support 32 Blood Mobile Vans for Blood Donation
- ▶ Provision of 250 Refrigerated Vans for transport of Blood from RBTC to peripheral Blood Centers

NATIONAL LEVEL ACTIVITIES

NATIONAL VOLUNTARY BLOOD DONATION DAY INDIA BLOOD DONATION NGO CONCLAVE – 1ST OCTOBER 2024

National Voluntary Blood Donation Day is celebrated in India on 1st of every October to acknowledge the generosity and altruism of the blood donors. By emphasizing the importance of voluntary, non-remunerated blood donation, the day seeks to inspire more individuals to contribute regularly, thereby ensuring a continuous and safe supply of blood. The campaign slogan for this year was “Celebrating 20 years of giving: Thank you, blood donors!”. The main objective of the program was to thank and recognize the voluntary blood donors who have contributed to the health and well-being of millions of people around the world.

The India Blood Donation NGO Conclave 2024 was held on 1st October 2024 at Jaipur, Rajasthan. The program was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the Akhil Bharatiya Terapanth Yuvak Parishad. The

theme of the conclave was dedicated to acknowledge the selfless contributions of blood donors and the efforts of NGOs and state organizations involved in the blood donation drives.

Prof. (Dr) Atul Goel, Director General of Health Services (DGHS) from the Ministry of Health and Family Welfare, delivered a keynote address, outlining the government’s commitment to improving blood transfusion services. The program brought together a diverse group of stakeholders, including representatives from government agencies, NGOs, healthcare professionals, and key figures from 26 states and union territories. These participants gathered to discuss the critical need for voluntary blood donation and explore innovative ways to bridge the gap between the demand and supply of blood.

NGOs showcased their blood donation awareness materials in the ex-

hibition on Information, Education, and Communication (IEC). This exhibition aimed to highlight creative approaches for spreading awareness and promoting the importance of blood donation throughout the country. A key moment in the event was the launch of new IEC materials, including a blood donation caller tune and a special blood donation song, both created to promote the cause and inspire people to come forward and donate blood.

The India Blood Donation NGO Conclave 2024 was a highly successful event that celebrated the past years of voluntary blood donation efforts in India while setting the stage for future initiatives. It provided a platform for government bodies, NGOs, and healthcare professionals to come together and brainstorm new ways to promote blood donation, bridge the gap between blood supply and demand, and save countless lives across the country.





NATIONAL LEVEL ACTIVITIES

The 21st meeting of the Technical Resource Group (TRG) was held in Mumbai on 20th and 21st of August 2024. This meeting was organized by the Blood Transfusion Services, Director General Health Services, MoHFW in collaboration with the Mumbai District AIDS Control Society under the chairmanship of Dr. Rajendra Chaudhary, Former Professor and Head of the Department of Transfusion Medicine, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow. TRG members were faculties from Transfusion Medicine departments of Government Medical colleges of different states across the country. Discussion of various agendas, guidelines and policies related to BTS was conducted. The release of first edition of the e-newsletter of Blood Transfusion Services, Directorate General of Health Services, MOHFW, Blood for Life was released on this occasion.

TECHNICAL RESOURCE GROUP MEETING, MUMBAI



NATIONAL LEVEL ACTIVITIES

Three days Training of Trainers (ToT) program for Blood Centre Counselors was held from 24th to 26th of July 2024 in Chandigarh. This training was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the Haryana State Blood Transfusion Council. A total of 56 participants from Chandigarh, Delhi, Himachal Pradesh, Haryana, Jammu & Kashmir, Ladakh, Punjab, Rajasthan, Uttarakhand and Uttar Pradesh participated in the training.

TRAINING OF TRAINERS FOR BLOOD CENTER COUNSELORS, CHANDIGARH, HARYANA



NATIONAL LEVEL ACTIVITIES

TRAINING OF TRAINERS FOR BLOOD CENTRE LAB TECHNICIANS, PATNA, BIHAR

Three days Training of Trainers (ToT) program for Blood Centre Lab Technicians was held from 7th to 9th of August 2024 in Patna. This training was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the Bihar State Blood Transfusion Council. A total of 34 participants from Bihar, Chhattisgarh, Goa, Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Odisha, Daman Diu, Dadra and Nagar Haveli participated in the training.



NATIONAL LEVEL ACTIVITIES

TRAINING OF TRAINERS FOR BLOOD CENTRE LAB TECHNICIANS, THIRUVANANTHAPURAM, KERALA

Three days Training of Trainers (ToT) program for Blood Centre Lab Technicians was held from 3rd to 5th of September 2024 in Thiruvananthapuram. This training was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the Kerala State Blood Transfusion Council. A total of 33 participants from Kerala, Karnataka, Tamil Nadu, Pondicherry, Andhra Pradesh, Telangana and Andaman and Nicobar Islands participated in the training.



NATIONAL LEVEL ACTIVITIES

TRAINING OF TRAINERS FOR BLOOD CENTRE LAB TECHNICIANS, KOLKATA, WEST BENGAL

Three days Training of Trainers (ToT) program for Blood Centre Lab Technicians was held from 11th to 13th of September 2024 in Kolkata. This training was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the West Bengal State Blood Transfusion Council. A total of 42 participants from Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, and West Bengal participated in the training.



NATIONAL LEVEL ACTIVITIES

REVIEW MEETING OF BLOOD TRANSFUSION SERVICES, SRINAGAR, JAMMU AND KASHMIR

The review meeting of Blood Transfusion Services was held on 15th and 16th of October 2024 in Srinagar. This meeting was organized by the Blood Transfusion Services, Directorate General Health Services, MoHFW in collaboration with the Jammu and Kashmir State Blood Transfusion Council. The states/UTs reviewed their physical and financial progress for the Blood Transfusion Services program. There was a panel discussion on IEC activities to strengthen Blood Transfusion Services. The feasibility of implementation of NAT testing, especially in states where Hemoglobinopathies like Thalassemia and Sickle Cell Anemia is highly prevalent was discussed.



STATE LEVEL ACTIVITIES

National Voluntary Blood Donation Day
1st OCTOBER 2024

National Voluntary Blood Donation Day: Celebrating 20 Years Of Giving: Thank You, Blood Donors!

Every year on October 1st, we celebrate National Voluntary Blood Donation Day to honor the selfless contributions of blood donors. This year, with the theme “Celebrating 20 years of giving: Thank you, blood donors!” we are especially proud to mark two decades of life-saving generosity. Your contributions ensure that safe blood and blood products are available for those in need, saving countless lives and improving health outcomes. The National Blood Transfusion Council (NBTC) extends heartfelt gratitude to all donors for their unwavering commitment to this noble cause. Your donations are a beacon of hope, lighting the way for a healthier future.

Assam



Arunachal Pradesh



Haryana



Jharkhand



Kerala



Meghalaya



Mizoram



Nagaland



Puducherry



Tamil Nadu



INSTITUTION LEVEL ACTIVITIES

National Voluntary Blood Donation Day, 1st OCTOBER 2024



1. Reserve Bank of India, Patna



2. Government Medical College and Associated Hospital, Doda, Jammu and Kashmir



3. Government Dental College and Hospital, Cuddalore, Tamil Nadu



4. Engineering Projects India Ltd, New Delhi



5. Punjab National Bank, New Delhi



6. CHC Nalagarh, Himachal Pradesh



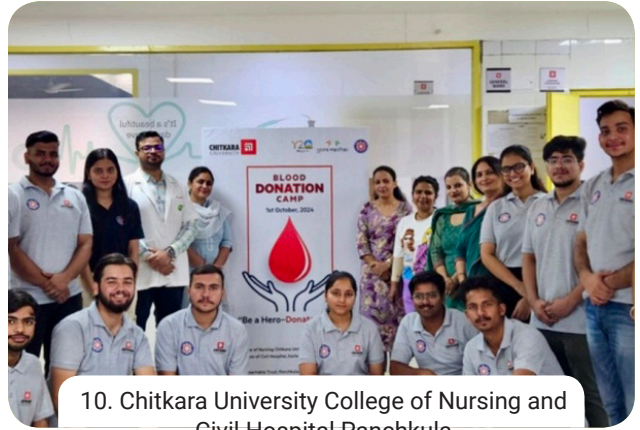
7. Atomic Energy Regulatory Board, Mumbai



8. Indian Institute of Mass Communication, New Delhi



9. General Services Organisation, Kalpakkam, Tamil Nadu



10. Chitkara University College of Nursing and Civil Hospital Panchkula



11. Bharatratna Dr Babasaheb Ambedkar Municipal General Hospital, Mumbai



12. Zonal Hospital, Mandi, Himachal Pradesh



13. ESIC Medical College, Sanath Nagar, Hyderabad



14. Saha institute of Nuclear Physics, Kolkata



15. K. L. E. Society's B V Bellad Law College, Belagavi, Karnataka



16. Indian Coast Guard West



17. Indian Overseas Bank
Central Office, Chennai



18. Taluk HeadQuarters Hospital Punalur, Kerala



19. BHEL Main Hospital, Ranipet, Tamil Nadu



20. NHPC Faridabad, Haryana



21. Heavy Water Board, Central Office, Mumbai



22. GMERS Medical College Dharpur, Gujarat



23. General Hospital Sawai
Madhopur, Rajasthan



24. Chief Electoral Office (Election
Department) UT Chandigarh



25. GAIL-USAR Alibag Raigad Maharashtra



26. Shri Maharaja Hari Singh Hospital (SMHS) Srinagar



27. RNT Medical College Udaipur, Rajasthan



28. S.D. College For Women, Moga, Punjab



29. Indira Gandhi Technological And Medical Sciences University, Ziro, Arunachal Pradesh



30. Press Information Bureau, Ministry of Information & Broadcasting, Bengaluru



31. Kakasaheb Mhaske Homoeopathic Medical College, Hospital & Post Graduate Institute Ahmednagar, Maharashtra



32 National Bank for Financing Infrastructure and Development, Mumbai



33. Institute of Nuclear Medicine & Allied Sciences, New Delhi



34. Jain Vishva Bharati institute Ladnun, Rajasthan



35. General Hospital Anand, Gujarat



36. K.V.G Law College, Sullia, Karnataka



37. Government Satellite Hospital Bani Park, SMS Medical College Jaipur



38. Directorate of Construction, Services & Estate Management, Mumbai



39. P.B.M Hospital and S.P Medical College, Bikaner, Rajasthan



40. Sher-i-Kashmir Institute of Medical Sciences, Soura, Srinagar



41. 422 Field Hospital Delhi



42. Civil Hospital Beed, Maharashtra



43. GMERS Medical College and Hospital, Junagadh, Gujarat



44. BHEL Haridwar



45. Indian Red Cross Society, Smt. Gopabai Damani Blood Centre, Solapur, Maharashtra



46. Ministry of Defence, New Delhi



47. Global academy of Technology, Rajarajeshwari Nagar, Bengaluru



48. Bridge and Roof Co.(India) Ltd, IOCL MTEP Project site, Mangalore, Karnataka



49. SKIMS Medical College and Hospital, Bemina, Srinagar



50. VMMC and Safdarjung Hospital, New Delhi



51. Chettinad Hospital and Research Institute Kelambakkam, Tamil Nadu



52. Government Medical College, Thrissur, Kerala



53. Engineers India Ltd. Baruni, Bihar



54. New Horizon College of Engineering, Bengaluru



55. NEIGRIHMS Blood Centre Shillong



56. Tata Memorial Centre, Mumbai



57. District Attorney, District Court, UT, Chandigarh



58. Nuclear Power Corporation of India Limited, Kaiga site



59. Kudankulam Nuclear Power Project, Tamil Nadu



60. Department of Personnel and Training, New Delhi



61. Regional Employment Exchange, U.T., Chandigarh



62. Government Medical College & Hospital, Chhatrapati Sambhaji Nagar, Maharashtra



63. Krishna Vishwa Vidyapeeth, Karad, Satara, Maharashtra



64. Department of Posts Punjab circle



65. Thai Moogambigai Dental College and Hospital, Chennai, Tamil Nadu



66. Karur Government Medical college & Hospital

Arunachal Pradesh

On 26th of November, 2008, a 15-year-old boy embarked on a journey with no pocket money, guidance, or institutional support. At a time when blood was as precious as gold and blood donation was considered taboo, Arunachal's first-ever blood donation initiative was launched with a simple yet powerful vision: to make the world a better place. Despite sacrificing a promising career and facing disapproval from his parents, Ramesh Jeke made the courageous decision to dedicate his life to serving humanity. He began by raising awareness on foot, going door to door, and even sleeping in hospitals.

A two-wheeler that was gifted to him helped to broaden



Mr. Ramesh Jeke

his efforts, allowing him to reach many districts across Arunachal. This expansion was further supported by transforming festivals and religious celebrations into opportunities for organizing blood donation campaigns, breaking taboos, and saving lives.

Ramesh's journey, marked by challenges, blossomed through his unwavering determination and selfless vision, transforming a simple dream into a remarkable reality. Following the establishment of 15 blood banks across Arunachal by the State Blood Transfusion Council and State Blood Cell, his mission expanded, nurturing a vibrant community of 2,000 regular blood donors, primarily composed of youth. The steadfast support of these organizations has been instrumental in his endeavors. Ramesh's story and his organization, Arunachal Life Saving Foundation, beautifully embody Mahatma Gandhi's wisdom: "The best way to find yourself is to lose yourself in the service of others."

HEROES OF LIFE

Assam

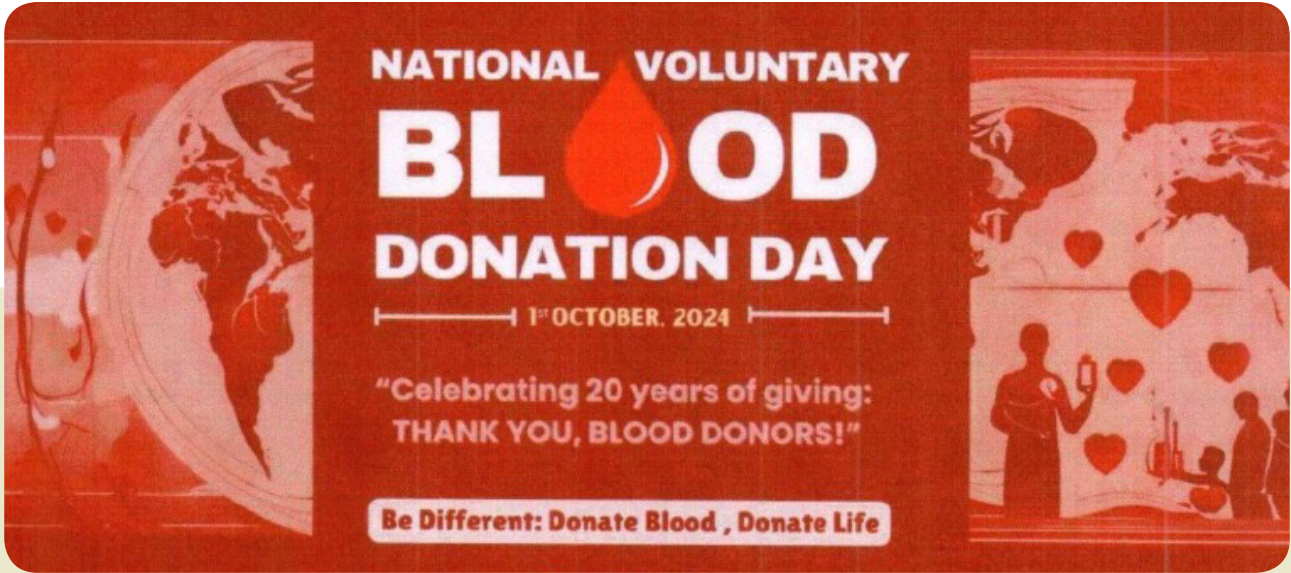
Mr Gyan Chand Jain, a 58-year-old oil depot worker from Assam, has become a remarkable role model by donating blood 114 times over nearly three decades. According to the Assam State Blood Transfusion Council, he holds the record for the most blood donations in the state. Known affectionately as Billoo Ji, he surpassed the 100-donation mark during the pandemic, with official records starting in 1996 when state blood transfusion councils were established across India.

Mr. Gyan Chand Jain has worked at petrol pumps for most of his life but his dedication to blood donation has remained unwavering. "Everyone called me Billoo since my youth, but as I approached my century mark in blood donation, people began to refer to me as Billoo-ji out of respect," he shared with a sense of pride.



Mr Gyan Chand Jain

Mr Gyan Chand Jain's unique approach to motivating the younger generation about blood donation incorporates Assamese, Hindi, English, and Rajasthani, enabling him to connect easily with his audience and dispel misconceptions surrounding the process of donating blood. He dedicates his time and efforts to raise awareness and encourage voluntary blood donation. He is also recognized by the Assam State Blood Transfusion Council as a Resource Person for training and inspiring youth as he travels across the Bongaigaon District of Assam for a noble cause.



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