

# BLOOD LINE

The Voluntary Blood Donation Journal | Issue 61 | 2021

#### Voluntary blood donation - Safe blood saves life...

Dr. Divya V Senior Resident, Dept. of Transfusion Medicine, Govt. Medical College, Thiruvananthapuram



Erythro 4.0

The process of blood donation is one of the safest steps to improve donor health. At the same time it's an altruistic attitude in saving human life. An adequate and sustainable supply of safe blood can be assured by nonremunerated voluntary blood donation from low-risk populations. Blood donors can be voluntary, replacement /family, directed or professional. But the professional donor system was banned in India with the effect from Jan 1, 1998, as per the Honourable Supreme Court judgement. As per NACO, replacement/ family donors still provide more than 45% of the blood collected in India.

Patients prefer donations by family members or friends rather than strangers since they believe that this will eliminate the risk of transfusion transmitted infections (TTI). But the fact is that such donors are supposed to be associated with a significantly higher prevalence of TTI including HIV, hepatitis B, hepatitis C and syphilis as compared to voluntary donors. This is mostly because replacement donors are under pressure from their family or friends to donate by concealing their high-risk behaviors. Even though quality-assured screening testing platforms are available, problem is the infectious window period. These testing methods include both serological (ELISA- Enzyme Linked Immunoassay, CLIAChemiluminescence Immunoassay) and molecular methods in the form of Nucleic acid Amplification Test (NAT)to ensure blood safety. Using these, the TTI risk can only be reduced, not eliminated.

So, it is the prime responsibility of the donor to be safe and to ensure a safe blood transfusion service. Any healthy adult, both male and female in the age group 18 to 65 years can donate blood provided they are physically fit, mentally alert and with a hemoglobin count of over 12.5gram% and fulfilling other selection criteria. Men can donate safely once in every three months while women can donate every four months.

In India with a population size of 139 crore, every year about 5 crore blood units are required. But the supply is less when compared to the demand. Also, one of the main facts is there is no substitute for human blood. Through the voluntary blood donation programme, scarcity of blood can be wiped off and ensure availability of safe and quality blood and blood components round the clock and throughout the year. During the last one and half years, COVID-19 pandemic presented a challenging situation in all blood centers throughout India. Voluntary blood donation drives mainly met by outdoor camps were not conducted which affected the blood inventory. But by the active participation of the various blood donation programme.

In India every year October 1st is celebrated as Voluntary blood donation day to honor the regular blood donors and encouraging for regular and unpaid donation. Globally June 14 is getting celebrated every year as World blood donors' day and 2021 slogan is 'Give blood and keep the world beating'. This year campaign is for encouraging youth to embrace the humanitarian call to donate blood and inspire others to do the same. So, the youth population should be engaged for blood donation and promoting health for all. As per WHO, there are countries with 100% of their blood supply from voluntary unpaid blood donors. India being a developing country, in near future we can phase out the replacement donors and switch over to 100% voluntary blood donation

Stride Ahead 100th



A National Voluntary Blood Donation Day Celebration

### Meghalaya govt to collaborate with Terumo Penpol to strengthen state's blood ecosystem : EH News Bureau

Collaboration to be inaugurated on October 1 to mark National Voluntary Blood Donation Day, during a blood camp at the Bhoirymbong, Community Health Centre, Ayush Compound

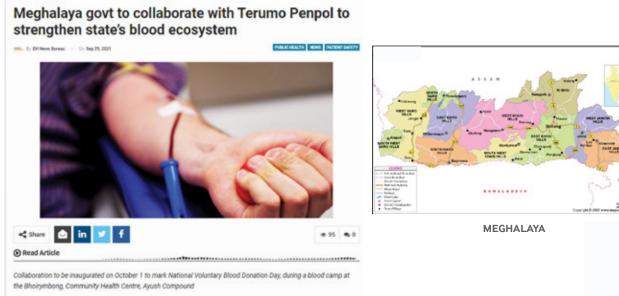
The government of Meghalaya will be collaborating with Terumo Penpol to bolster the blood ecosystem of the state to counter the blood scarcity in the state, which was highlighted during the COVID-19 pandemic and subsequent lockdowns. The collaboration will be inaugurated on October 1 to mark National Voluntary Blood Donation Day, during a blood camp at the Bhoirymbong, Community Health Centre, Ayush Compound

The government of Meghalaya will reportedly work with Terumo Penpol, a medical technology company that provides products, software and services that enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions, to increase awareness about the importance of voluntary blood donations to help build a sustainable blood ecosystem in the state.

The first phase of the collaboration begins with a programme in the Aspirational District of Ri-Bhoi to build awareness and education in the urban and rural communities about the need for regular voluntary blood donation, the benefits to the society and dispel myths that deter many prospective donors.

"There is an urgent need for behavioral change in our country toward voluntary blood donation, and Meghalaya is no exception to that," said Sampath Kumar, IAS Principal Secretary, Health and Family Welfare Department, Government of Meghalaya. "Awareness about the benefits of blood donation needs to spread to the grassroots of the community for a sustained supply of safe, adequate, and timely access to blood in the state. Equally important is the dispelling of myths that unfortunately plague the noble activity of blood donation. We are glad to work with Terumo Penpol in strengthening the blood ecosystem of Meghalaya."

Chetan Makam, Managing Director, Terumo Penpol, expressed his commitment to the cause, saying, "Terumo is driven by our mission to Contribute to Society through Healthcare. Access to a safe and sustainable blood supply is the foundation of a healthy society. With the help of the government of Meghalaya, we are confident in realising our shared vision of a creating a sustainable blood ecosystem for the state. Together with the people of Meghalaya, we hope to create champions within the community to promote voluntary blood donation.



The government of Meghalaya will be collaborating with Terumo Penpol to bolster the blood ecosystem of the state to

#### National Voluntary Blood Donation Day

Celebration of National Voluntary Blood donation Day 2021 at SCTIMST, in association with Terumo Penpol Pvt Ltd.

Every year, Department of Transfusion Medicine, SCTIMST acknowledges the contribution of blood donors and blood donation camp organisers in its effort of realising 100% voluntary blood donation. association with Terumo Penpol Pvt Ltd, organised a felicitation protocols. The function was conducted in two sessions. First session was the prize distribution to all the winners, who had enthusiastically participated in the literary competitions conducted in English, Hindi and Malayalam on the occasion of World Blood Donors Day celebration on June 14, 2021.

The function started with a prayer song. Head of Department, Transfusion Medicine, Professor Dr Debasish Gupta welcomed the gathering. Medical superintendent, SCTIMST, Professor Dr Rupa Sreedhar was the chief This year also the department of Transfusion Medicine, SCTIMST in guest and she gave away the prizes to the SCTIMST staff who had participated in the competitions. The guest of honour was Shri A Manoj, Vice function, strictly in accordance with the existing COVID-19 president, Manufacturing and Engineering, Terumo Penpol Pvt Ltd. The first session concluded with the vote of thanks given by Dr Sathyabhama S, Scientist, Department of Transfusion Medicine, SCTIMST.

The second session was the felicitation of organisers of blood donation

camps. Professor Dr Krishnankumar K, Associate Medical Superintendent inaugurated the session and gave our token of gratitude to 1) All Kerala Blood donors society, 2) Blood donors Kerala, 3) APJ Abdul Kalam Kerala Technical University NSS cell, 4) Red Cross Trivandrum, 5) Vijay Makkal lyakkam Talapathy Heart Beats, Trivandrum District Committee, 6) Neyattinkara Diocese, 7) Vikram Sarabhai Space centre, Trivandrum, 8) Military Station, Pangode, 9) Students Police corps, Trivandrum. Byju Memorial Best blood donor award was given by Dr Debasish Gupta to Fr M.K. Rijosh, Shri Shajudheen JS (who completed a century in blood donation) and Shri Sunny US. Shri Ratheesh Sahadevan, Shri Joy Varghese and Shri K P Rajagopalan received the Suresh Memorial Best Motivator Award from Shri A Manoj Vice president, Manufacturing and Engineering, Terumo Penpol Pvt Ltd. Dr Sathyabhama S, Scientist G, department of Transfusion

Medicine, SCTIMST who is retiring from service in November 2021 and is also a regular blood donor was also felicitated with a 'ponnada'. The function concluded with a vote of thanks by Dr Raj Bharath R, Associate Professor, department of Transfusion Medicine, SCTIMST. The master of ceremony for the function were Dr Shivanand, Junior Resident and Dr Amita R, Assistant Professor, Department of Transfusion Medicine, SCTIMST.

A compilation of videos recorded by the winners of the competition, reciting their composition, dance and skit on the topic of 'celebrating life' and a short film on blood donation awareness and motivation from the department of Transfusion Medicine will be shortly released in the Youtube.



### Kerala Health Minister Veena George donates blood on National Voluntary Blood Donation Day

Thiruvananthapuram Oct 1 (PTI) Kerala Health Minister Veena George on Friday donated blood at the Government Women and Children's Hospital at Thycaud near here as part of National Voluntary Blood Donation Day.

The Minister said the health department has been taking steps to encourage blood donation and urged the public to come forward to donate blood.

Veena George donated blood as part of a campaign titled "Sasneham Sahajivikai", jointly organised by the Department of Health, Kerala State AIDS Control Society, various Blood Banks, and Blood Donor Organisations in the state. "The health department has been taking various steps to encourage blood donation. All those who are healthy can donate blood after taking the advice of the doctor," minister later said in a release.

Chief Minister Pinarayi Vijayan said compassion to fellow human beings and social commitment are the foundation of humanity and blood donation is one of its great manifestations.

In a Facebook post to mark the National Voluntary Blood Donation Day, the CM said many human lives can be saved through blood donation.

"In Kerala, an average of four lakh units of blood is required for treatment every year. About 80 per cent of that is done through voluntary blood donation. However, the government has set a target of making it 100 per cent," he said. The CM urged everyone to come forward to achieve that goal.



Smt.VEENA GEORGE Minister for Health and Family Welfare

Courtesy: The Outlook

## Blood Donation Camp organized as part of T ERUMO's 100 year celebrations

TERUMO PENPOL's Parent Company, TERUMO celebrated its Hundredth anniversary on Sept 17. A Blood donation camp was organized at TERUMO - PENPOL as part of the hundredth anniversary.

The day started with the inauguration of the Blood Donation Camp by Mr. Shajudeen (Our associate who donated blood 100 times) in the presence of Dr. Vijayalakshmi, HOD, Blood Bank Regional Cancer Center, Trivandrum. 35 of our associates donated blood on that day. 500 associates from TERUMO PENPOL will continue to donate blood for the next 100 days at Regional Cancer Center, Trivandrum.

Blood is life-giving. With this precious help, the patients of Regional Cancer Center is going to make it through what could be the toughest time of their lives.

#### Chetan Makam, Managing Director ,TERUMO PENPOL donated blood as part of TERUMO's 100 years celebrations.



Thank you for donating blood. You have played a very important role in TERUMO PENPOL's mission to save lives. The world needs more heroes like you!

Blood Donation Camp as part of TERUMO's Hundred-year celebrations at Terumo Penpol Blood Bag Factory, Puliyarakonam, TVM





### **TERUMO PENPOL General Manager and other Managers donated** blood on National Blood Donation Day

Dr.Sanjeev Kumar ,General Manager, India and Central Asia ,Mohammad Zafar, Regional Clinical Support Manager(North) and Saikat Paul,Sr. Engineer, Clinical Support donated Blood at AIIMS Jhajjar on October 1.

We appreciate your donation! Your contribution will help the patients change their lives – literally! Someone who would have lost their life was spared because you gave them your blood. Someone's quality of life was improved because you gave them your blood. That's remarkable, and so are you. Thank you for donating blood. You have played a very important role in our mission to save lives. The world needs more heroes like you!



#### Thank you Mukesh Kanderi, Sr. Technical Service Engineer, TERUMO PENPOL

On October 4,2021 Mukesh Kanderi, Sr. Technical Service Engineer of TERUMO PENPOL received a call from Noble blood bank. It was an emergency work related call. A patient was in need of B Positive Blood and the staff asked Mukesh being a B Positive Donor if he could donate the blood. The patient's situation was very critical and Mukesh immediately has done SDP donation.

In an email Mukesh stated "By the time i donated the blood I felt very relieved and blessed to be able to help in such an emergency".



Thank you very much Mukesh. Appreciating your novel gesture. Donating blood is an opportunity for you to volunteer and make a substantial contribution to the community. Blood donation is a very kind-hearten act. If today someone is a blood donor, then in the future, he might be a blood receiver. So, giving blood and saving someone's life is a generous work to do therefore appreciating your SDP donation.

## National Voluntary Blood Donation Day Celebration at Model Blood Bank, Govt. Medical College, Trivandrum

National Voluntary Blood Donation Day is observed on 1st of October, every year, across the country to spread awareness about voluntary blood donation and honour donors and voluntary blood donation agencies. The theme for this year's National Voluntary Blood Donation Day was "Give blood and keep the world beating".

As part of National Voluntary Blood Donation Day celebrations, the Department of Transfusion Medicine, Govt. Medical College, Trivandrum (Model Blood Bank) organized an elaborate program this year in coordination with KSACS and KSBTC. The faculties in the Department, Dr. Maya Devi. S (Head of the Department), Dr. Mini. C. V, Dr. Shaiji P. S, Dr. Sajith Vilambil, Dr. Drisya D. T and Dr. Shanavaz A. coordinated the program. A State level National Voluntary Blood Donation Day celebration was convened by KSACS with the Honorable Minister for Health & Family Welfare, Ms. Veena George as the Chief Guest. A technical session was organized during the State level program focusing on the importance of safety and efficacy of donated blood. Dr. Gayatri Gadiok, WHO consultant,

The program honored 10 Voluntary Blood Donor Organisations for their selfless efforts in coordinating blood donors and VBD camps. 10 voluntary blood donors, who have donated more than 50 times in their lifetime, were also honored. An in-house Voluntary Blood Donation Camp was also organized as a part of the event at Model Blood Bank, Govt. Medical College, Trivandrum. Camp was organized by various VBD agencies, and more than 100 units of blood were collected.

Awareness classes were conducted by Dr. Sajith for Erythro, the National Voluntary Blood Donation Program of NSS KTU and TERUMO PENPOL, and for the members of Shasthra Sahitya Parishad. To encourage public participation in VBD programs, online competitions for poster designing, caption writing, microtape writing and message drafting were held, with voluntary blood donation as the theme.

A State level National Voluntary Blood Donation Day celebration was convened by KSACS with the Honorable Minister for Health & Family Welfare, Ms. Veena George as the Chief Guest. A technical session was organized during the State level program focusing on the importance of safety and efficacy of donated blood. Dr. Gayatri Gadiok, WHO consultant, Dr. Meena D., Professor & Head, Dept. of Transfusion Medicine, GMC, Alappuzha, Dr. Maya Devi. S, Professor & Head, Dept. of Transfusion Medicine, GMC, Trivandrum, Dr. Shaiji. P. S, Associate Professor, Dept. of Transfusion Medicine, GMC, Trivandrum and Dr. Sajith Vilambil, Associate Professor, Dept. of Transfusion Medicine, GMC, Trivandrum, handled the sessions.



## National Voluntary Blood Donation Day Celebrations at Maharashtra, Gujarat ,Chhattisgarh, Madhya Pradesh, Rajasthan and Goa organized by TERUMO PENPOL West Commercial Team

National Voluntary Blood Donation Day Celebrations was organized at Maharashtra, Gujarat Chhattisgarh, Madhya Pradesh, Rajasthan and Goa by TERUMO PENPOL Commercial Team(West). They organized 250 camps and 7510 donors donated blood.



## National Voluntary Blood Donation celebrations at Chennai organized by TERUMO PENPOL in association with Meenakshi Mission Hospital at Chennai

As part of National Blood Donation Day celebrations TERUMO PENPOL in association with Meenakshi Mission Hospital organized the National Blood Donation event at Meenakshi Mission Hospital.451 donors donated blood at the camp.



## **National Blood Donation Day Celebrations at Haryana**

TERUMO PENPOL celebrated National Blood Donation Day event at AIIMS Jhajjar, FMRI- Gurugram, ESIC Medical College-Faridabad & BPS Medical College-Sonipat in Haryana. 180 Donors donated blood.





## MIT- MAHE Students Launch Blood Donors Digital Platform "Sociio Ichor"

Manipa : In yet another initiative, Manipal Institute of Technology (MIT) – MAHE, Manipal, students in collaboration with KMC, Manipal have launched a new platform Sociio Ichor which aims to connect blood donors with patients in need of blood. The platform also displays Live requests of the patients who are in need of the blood and its components. The potential donor can register themselves to the platform to get connected to the patients in need. The platform, Sociio Ichor, has put all the digital privacy measures in place to keep the donors and receivers' information safe. Starting from Manipal, the team envisions to spread across the nation and implement blood delivery system in its future plans. Sociio Ichor platform was launched by Dr. HS Ballal, Pro-Chancellor of MAHE.

While launching the platform, Dr. Ballal said, "I am very happy you have initiated this noble cause of blood donation under the banner of Sociio Ichor. I am elated to participate in this program and launch this platform which I am sure will go to a long way in meeting the blood shortage that we have in the country

## Rastrotthana Blood Bank, Bangalore organized a mega Blood Donation camp

Rastrotthana Blood Bank organized a Blood Donation camp and 1109 donors donated blood . Volunteering with the blood banks to reach out to members of your community, providing care to blood donors, and help managing blood donation drives is a novel gesture. TERUMO PENPOL provided Squeezers and Refreshments to the Donors

We urge all of you to commit to being a regular donor and give blood throughout the year. Encourage your friends and family to become regular blood donors.



On the occasion of 75th Independence Day, a blood donation camp for Thalassaemic patients was organised at Sai Vatika Apartment, Sector 63 Faridabad



In Association with Foundation Against Thalaasaemia Regd and Care for Thalassaemia Regd People of Sai Vatika have participated at large. During the occasion Sh R N Mishra, Shri Rajnish Rai, Sh Arvind Kumar, Sh Rajnikant, Sh M K Pandey, Sh O P Meena, Sh Laxmi Kant, Sh Ajay Srivastva, Sh Vijay Kumar Singh, Sh Shakti Sharma and others were present and donated blood also. This time women also participated at large and donated blood voluntarily. Overall 27 units of blood were collected. Contribution of Sai Vatika staff was excellent to organise the said Camp. Camp was motivated and Sponsor by RCF Heritage and RCD South Central. Gifts were given to all blood donors as token of love by RCF Heritage and RCD South Central and Shivalik Prints Ltd.



## National Voluntary Blood Donation Day Celebrations by NSS CET, NSS KTU and TERUMO PENPOL

"You are not important because of how long you live; you are important because of how effective you live."

Safe blood/blood components transfusion comes under legal protection as it is both lifesaving and fatal. It is globally accepted that transfusion of the safest blood/blood components to needy patients is the best source of blood is from voluntary blood donations. Blood donation is a voluntary practice that helps those in need of blood transfusion due to some accident or illness.

NSS CET yearly conducts ERYTHRO to powerfully convey the message of donating blood among college students and people. ERYTHRO 4.0 is the 4th blood donation campaign conducted under NSSCET Blood Cell.

As part of National Voluntary Blood Donation Day, APJAKTU BLOOD CELL and NSSCET, association with "TERUMO PENPOL" conducted "ERYTHRO 4.0." The inauguration ceremony was conducted on 1st October 2021 at 4 PM.

The program had inaugurated by Mr. K P Rajagopal, President of FIBDO. He gave a brief idea about the history of blood donation and the involvement of youth. Dr. Sajith Vilambil, District Nodal Officer Blood Transfusion Services, Thrissur gave an awareness talk on Blood Transfusion. He communicated an elaborate idea of donating blood, the importance of blood transfusion, and the significance of youth in blood donation. The presidential address was rendered by Dr. Bringle C Das, NSS CET Program Officer in the presence of Dr. Joy Varghese, APJAKTU NSS Cell Program Coordinator. Baby P S, In Charge (PR AND CSR) Terumo Penpol Private Ltd, and Neethi S Pillai, Program Coordinator, APJAKTU NSS Blood Cell conveyed their regards. The events as part of this program were shared their thoughts about promotion of voluntary blood donation. The logo of Erythro 4.0 was launched by the NSS CET Blood Cell Secretary, Ajith Ajayan. The event was hosted by the NSS CET cell. Darsana Ajayan, Muhammed Ashique, Aida Francis coordinated the function.



The following events were organized :

#### 1. DROPS OF LIFE-STATE LEVEL BLOOD DONATION CAMP

On behalf of ERTHYO 4.0, NSS CET in association with TERUMO PENPOL organized DROPS OF LIFE, an initiative to set up a blood donation camp for the colleges under KTU.



Registration of the event was from 3.10.2021 to 10.10.2021 and camps were set up in between those dates. Even amidst the pandemics', eight colleges registered for the event. John Cox Memorial CSI Institute of Technology, Government Engineering College, Idukki, LBS College of Engineering Kasaragod, KMCT College of Engineering for Women, College of Engineering Trivandrum, METS School of Engineering, NSS College of Engineering - Palakkad, Providence College of Engineering were the participants. Ardra T S and Cinfen Chennattu coordinated the event. The program proved to be a grand success with a total of 252 donations.

The following colleges conducted blood camp at their college:

John Cox Memorial CSI Institute of Technology	20
LBS College of Engineering Kasaragod	53
Providence College of Engineering	38
Government Engineering College, Idukki	10
College of Engineering Trivandrum	37
KMCT College of Engineering for Women	42
NSS College of Engineering, Palakkad &	
METS, School of Engineering, Palakkad	54





#### 2. VALOUR - POSTER MAKING COMPETITION

Valour was a digital Poster making contest held for the promotion of the Erythro 4.0 the Blood Donation Campaign organized by NSS CET and also for spreading awareness for and about blood donation. The coordinators were Aswin and Haripriya and sub-coordinators Aiswarya and Divina. The event poster was released on 2nd October 2021, marking the start of Valour. Entries began rolling in the very same day and their numbers increase over the following days. The submission form was closed on 7th October 2021, the contest ending at a little over 90 responses, and three winners were selected. The winners were Goutham Karthik, Vidya Academy of Science, Aravind S K, College of Engineering, Perumon, and Mufliha T, KMCT College of Engineering for Women. Judgment of the submissions was carried out via an unbiased third party. The event as a whole progressed smoothly and was a massive success

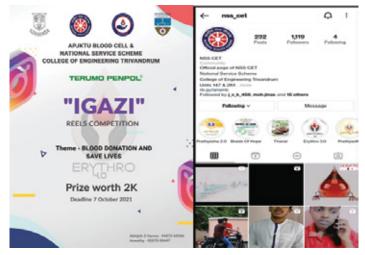




#### **3. IGAZI - REELS COMPETITION**

Reels competition is another event organized by NSS CET as part of Erythro4.0. Considering the commitment that a busy man has to show to society in his life journey, blood donation is a great deed. And it turns out to be the return of another life. Therefore, the reels competition was held on the theme of blood donation and saving lives.

Entries were received till 7th October. Eight shortlisted entries were finally fought in between, out of which two entries won. In this age of social media, their theatrical approach in portraying their outlook and humane treatment towards society has been successful. The contestants took the initiative to put a big idea in front of the community. The winners of the competition were Yadhu Krishnan U D, UKF College of Engineering, and Mufliha T, KMCT College of Engineering for Women.



We were able to call out louder that the importance of blood donation to another life and the love that man shows for his fellow man can be strengthened. The applause we and our contestants received on social media proved that the impact of our competition is something that needs to be remembered in modern society. Blessed are those who receive our message and share in the blood donation.

#### 4. BOONDEN

BOONDEN was a podcast series conducted on behalf of ERYTHRO 4.0, in association with CETalks and TERUMO PENPOL. The main aim of Boonden was to create a realization about the worthiness of blood donation among youth and the public. Partnering with us, CETalks kicked off a podcast on the CETalks app in which they discussed the current scenario of blood donation, the shortage that existed during the peak time of COVID-19, and the experiences of students who were a part of blood donation. The program was presented by Ms. R J Shreya and aired at 7 PM on 4th October. The experience sharing session was handed by Vishnu, 2k17 batch, Bhanuja M K, 2k16 batch and Aswathy S Kumar, 2k18 batch



#### 5. SALVADOR-BLOOD CAMP

As part of ERYTHRO 4.0 organized by the NSS Units of College of Engineering Trivandrum, a Blood Donation Camp 'SALVADOR' was conducted on 05th October 2021, sponsored by Terumo Penpol Private Ltd.The Blood Donation Camp was formally inaugurated by Dr. Sumesh Divakaran, HOD, CSE Department, CET in the presence of Dr. Joy Varghese V.M. at 9.30 am. A total of 62 registrations were done and a total of 37 donated blood.

The camp was done in association with SCT Trivandrum. Sivakumar S, Faiz Mohammed Ali, and Malavika P V coordinated the camp The registrations closed at 1.00 pm and the donations continued till 1.30 pm. The blood donation camp was a great success due to the active involvement of the NSS Volunteers of CET.



#### 6. HASH TAG CHALLENGE

Hash (#) Tag challenge was a voluntary blood donation challenge conducted on account of Erythro 4.0, organized by NSS CET in association with Terumo Penpol. Through this event, we aimed at bringing voluntary blood donation among common people within the limited time bounds.

An awareness video was launched in the interest of this challenge and posted on the Instagram page of NSS CET. After watching the video, the participants who donated near their blood bank and uploaded the donor certificate in the link provided at the bio of the Instagram page before 14th October 2021, followed by which they tagged as many friends they could nominate. Five lucky winners were selected and awarded by gift voucher worth 1K each. The video was successfully circulated within the time limit and the participants were shortlisted based on the rules regulated.

The closing ceremony was arranged on 15th October 2021, at 7PM. The function was inaugurated by Dr. Bringle C Das, NSS CET Program Officer in the presence of Neethi S Pillai, Rudhirasena State Coordinator and Program Officer of NSS College of Engineering, Palakkad. On behalf of NSSCET, the gratitude speech was delivered by Dr. Bringle C Das. The recognizable presence of Dr. Sasi, Associate Professor, Department of Mechanical Engineering, CET, Nandu Bhadran, Rudhirasena Trivandrum District Coordinator and Program Coordination and Baby P S, In Charge (PR AND CSR) Terumo Penpol Private Ltd , added on the glory of ERYTH-RO 4.0. The rescults of events were also announced during the ceremony in the presence of respective winners and representatives of NSS from different colleges.

As blood is a vital component of human life, National Voluntary Blood Donation Day was celebrated to bring great changes in society to follow the life-saving measures and prevent serious illness caused by violence and injury, childbirth- related complications, road traffic accidents, and many more conditions. So, it is necessary to celebrate this day at a great level to remove the ignorance, fear, and misconceptions of the general public towards the voluntary blood donation campaign. If someone loves oneself and other fellow beings, the only way to express it is to donate blood voluntarily.

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Public Relations Department
Terumo Penpol Private Limited

Registered Office: I-2, Jawahar Nagar, Trivandrum 695003,Kerala,India Tel Office: 0471-7195602 Email: Baby.P.S@terumobct.com Govind.r@terumobct.com



Advertisng and branding Division **Insideout Productions** Thiruvananthapuram Contact: +91 96055 12241 Email: Insideoutproductionsindia@gmail.com Web: www.insideoutproductions.in

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