



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

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NSS003**NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**"STEM CELL DONATION CAMP" IN CONNECTION WITH THE CELEBRATION OF "WORLD THALASSEMIA DAY 2023" ON 08.05.2023**

Event No	NSS003
Organizing Department	National Service Scheme
Associate Dept. NSC	Community Service
Date	08/05/2023
Time	09:00 AM to 04:00 AM
Event Type	NSS
Event Level	Institute
Venue	KPRIET CAMPUS
Total Participants	483
Faculty - Internal	25
Faculty - External	2
Students - Internal	456

Related SDG**Involved Staffs**

Sl	Name	Role
1	Saravanan R	Convenor

Outcome

Our KPRIET-NSS has conducted the **"Stem Cell Donation Camp"** in connection with the celebration of **"World Thalassemia Day 2023"** on 08.05.2023, 2023, in association with the **"DATRI stem cell donation and registry"** in Chennai on our campus. **DATRI Blood Stem Cell Donors Registry** is the pioneer in the field of **Blood Stem Cell Donation** and is India's largest registry with more than 4 Lakh donors. Any healthy individual between the age of 18 yrs to 50 yrs can register as Blood Stem Cell donors with DATRI and potentially become a lifesaver when they're found to be match for a fatal blood disorder patient.

About DATRI :

DATRI is a Not-for-Profit organization that was founded in 2009 with a mission to save lives of those suffering from life threatening fatal blood disorders like Blood Cancer, Thalassemia, Leukaemia, Aplastic Anaemia, Sickle Cell Anaemia etc...

Dr. Nezih Cereb and Dr. Soo Young Yang are the founders of Histogenetics, a laboratory that performs high-resolution HLA (Human Leukocyte Antigen) typing. Histogenetics worked with some Indian hospitals to perform the HLA typing for patients who have leukemia or fatal blood disorders. Their only chance to survive was a stem cell transplant, and if no donor was available in the family, an unrelated donor was needed. Both of them were well aware of the shortage of HLA-matched, unrelated Indian donors as there was no registry in India.

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whose friend's fiancée was of Indian origin. She could not find an HLA match in the US registry or other international registries, which was the turning point. He assisted in conducting awareness campaigns in the US amongst the Indian community to register them as potential blood stem cell donors. When he moved back to India, he became aware that it was almost impossible to find an unrelated donor for patients of Indian origin.

The three of them then founded an Unrelated Blood Stem Cell Donors Registry in India to meet the increasing demand for blood stem cell donors. Histogenetics supported the installation and functioning of the registry. Histogenetic (India) Private Limited was generous in providing office space to DATRI free of cost to run its project office in Chennai in the early days. They have also helped DATRI design the software required to run the registry's operations and its maintenance. They have provided a long-term interest-free loan towards the high-resolution HLA typing costs of all the donors who register with DATRI. Other forms of invaluable support have been mentoring and advising on developing a registry at par excellence.



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