



SARVAJANIK COLLEGE OF ENGINEERING  
AND TECHNOLOGY

राष्ट्रीय सेवा योजना  
(NATIONAL SERVICE SCHEME)



## BLOOD STEM CELL AWARENESS AND DONOR REGISTRATION CAMP

A Blood Stem Cells, derived from peripheral blood of the donor, have the capacity to replace the recipient's abnormal stem cells with healthy ones correcting the problem at the root-level. A blood stem cell transplant can be done to treat many fatal blood disorders such as Leukaemia, Thalassemia and Aplastic Anaemia.

A large number of Indian patients with blood cancer and bone marrow failure, who have failed standard treatments, can be cured with a haematopoietic stem cell transplant if only they had matched donors. For other patients, if a donor is found to be genetically matched from the registry, a transplant can be done and it can be life-saving.

With only one in two million Indians finding a genetically matched donor, the country needs a database of willing blood stem cell donors to help the cause. Surprisingly it's not difficult to get blood donors in our country, but we do not have enough donors for blood stem cells. With Kerala having over 19,000 donors followed by Tamil Nadu (over 16,000) and Karnataka (over 10,000), West Bengal has 2,369 blood stem cell donors, but these no. of donors actually are in small number compared to our population.

*"So, India needs to increase the number registries – the willing donors, which can be only achieved if we create awareness on blood stem cell donation and make people understand about the concept and break the myths related to the issue."*

With this mission, the NSS unit of SCET & SWAC, in association with DARTI had organized a "Blood Stem Cell Awareness and Donor Registration Camp" in SCET from 15<sup>th</sup> February to 16<sup>th</sup> February 2019, from 9:00 am to 3:30 pm for all the students and Staff.

DATRI is a not-for-profit organization that was founded in 2009 with a mission to save lives of those suffering from life threatening blood disorders like Blood Cancer, Thalassemia, Aplastic Anemia etc. DATRI is working towards creating a wide and diverse database of potential blood stem cell donors that can be accessed by any patient, living anywhere in the world, in need of a blood stem cell transplant. DATRI is registered member with World

**Marrow Donor Association (WMDA)** and follows WMDA guidelines and processes. DATRI is also a recognized member of **Bone Marrow Donors Worldwide (BMDW)**.

It's our pleasure to share that, with the support of our whole SCET family we were able to register **100 persons (Staff + Students)** from SCET as Blood Stem Cell Donor.

Hence, SCET helped DATRI in working towards creating a wide and diverse database of potential blood stem cell donors that can be accessed by any patient, living anywhere in the world, in need of a blood stem cell transplant and “ *Took the first step towards saving someone's life*”.



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