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Editorial

The month of August is important for our Nation as we became Independent. It is also important for our Institute as the new thoughts in the form of new students are added to the Institute.

New students are like new born babies, who come to the Earth. Similarly, new students enter the premises of an Institute. First he/she interact with his classmates, teachers. Further, for activities or while going home they meet students of other Departments and try to adjust in the environment. Institute is like their parents, it gives platform to grow professionally. We need to welcome them with open heart and give them opportunity to amalgamate with the SBS family. We extend our warm welcome to all "NEW YOUTH" who have shown their interest in SBSPGI and hope like their seniors they will lead the legacy.

15th August 2017, 71st year of Independence as a free democratic, secular country in the world. For upholding the independence, we need youth fortified with citizenship, good moral, education, technical skills, perseverance and trustworthiness. All these are amalgamated in students at SBSPGI.

Do read about the Independence Day celebration in the campus along with Orientation Program, and regular features like Student's Column, Dialog box, Photograph of the month. Come to know about the Badge holders among students through this issue of Newsletter.

We would stop our pen on the quote by Abraham Lincoln:

"The best way to predict your future is to create it"

Enjoy Reading.....

Editorial Board

From the Director's Desk

I feel pleasure to welcome the new members in SBS family. By now you must have become familiar and well adjusted in the environment of campus.

The future of any country depends on its young generation and your future depends on your present i.e. what you attempt today? However this depends on quality education which we at SBS, are committed to impart. I believe that you all possess God given potential. So trust yourself, dare to dream and fly high to fulfill your dreams. For this you must plan nicely to set clear, concrete and achievable goals for yourself. No matter how well you have planned, you shall have the courage to accept failures. Don't get frustrated, be courageous and try to learn from your failures to find out the key problem and then overcome it when it occurs again.

I would further like to emphasize that be self disciplined, respectful to your teachers, polite to your classmates; wear a smile on your face and be empathetic to the weak. Thus you can strive for excellence and can also live with love and coolness.

Please remember that Institutes are made by students. It is advisable to the students to get indulged in academic and co-curricular activities and follow the rules laid down to attain the goal and develop your personality.

Once again I wish you have the potential and you can do it.

Best Wishes
Prof. FC Garg

Orientation Programme



“Desire & Achieve”

It is the main objective of education. Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research is the pioneer of excellence in imparting quality education and to ensure holistic development of each and every student.

Adding to the same, every year an orientation ceremony is held for welcoming the new students to the Institute and to make them aware about the academic and co-curricular activities.

This year it was held on 24th of August, 2017. Honourable Director of the Institute Prof. F.C Garg, Administrative Officer Col. (Retd.) I.P.S Walia and all the respected HOD's and Faculty were gathered along with all the new arrived students of different courses.

The programme starts with a welcome address by the Director of the Institute with the brief account of rules and regulations. Later Dr. Nidhi S. Belwal presented a charter depicting the aim and the entire academic and co-curricular activities organised in the college. Finally, the programme was winded up by addressing of Institute Captains, Vice Captains, House Captains and Student Secretaries of respective Clubs and Societies.

At the end, students were provided with a hard copy of the charter regarding all the points and objectives discussed in the programme. The programme main zeal is to encourage the new students and allow them to pursue a better personality development.

Ms. Somya Joshi
B.Sc Biotech 5th Semester

Pioneering gene therapy approved for leukaemia in the USA

CAR-T treatment – a type of gene therapy for cancer – has been approved for use in the US. This is the first approval anywhere in the world. The therapy became famous when a CAR-T approach saved the life of Layla, a young child in the UK who had leukaemia.

The approach involves reprogramming a person's own immune cells to make them better at targeting cancerous ones. The drug that has been approved by the Food and Drug Administration (FDA) is Kymriah, a treatment for B-cell acute lymphoblastic leukaemia, the most common childhood cancer in the US. Approved for people aged 25 or under who have not responded to other treatments, or relapsed.

To synthesise Kymriah, a patient first has a type of immune cell, called *T-cells*, removed from their body and transported to a facility in New Jersey operated by the pharmaceutical firm Novartis. Here, viruses will be used to insert a gene into these cells. The gene codes for a protein called a chimeric antigen receptor (CAR). These cells are then reinfused back into the person. The added protein helps these modified T-cells home in on and fight leukemia cells. In a trial, this approach achieved an 83 per cent remission rate over a period of three months.

Side Effect to Overcome

Nearly half the people in the trial experienced a side effect caused by an unwanted immune response triggered by the altered T-cells. Because of this, the FDA is requires staff at the 32 facilities approved to undergo specific training to recognise this response, called **cytokine release syndrome**.

Kymriah costs \$475,000, but it's lower than some analysts expected, and unlike many expensive cancer drugs, it is a one-off treatment that could result in years, not months, of extended life span.

Some argue that this isn't a true gene therapy, as the genes introduced into the T-cells are not the treatment themselves – it is the transformed T-cells that go on to fight the cancer. But the FDA defines human gene therapy as products that introduce genetic material into a person's DNA to treat a disease, so has classified Kymriah as such.

Europe has already approved two gene therapies for inherited diseases, while China approved a gene therapy for cancer treatment in 2004. As for CAR-T therapies, other firms have similar treatments in the works, while Novartis also plans to get Kymriah approved for treating lymphoma.

Source: Internet by Mallory Locklear



Freedom in the mind, Faith in the words, Pride in our souls.....



Independence Day 2017

Saluting the Nation on the auspicious day of freedom, **15th of August**, our 71st Independence Day was celebrated with great zeal, respect & enthusiasm at SBSPGI.

The ceremony started at 9:00 AM in the ground of the Institute with large gathering of students, along with the staff members. Ms. Shreya Nidhi, welcomed the gathering and commemorates the sovereignty of the Nation.

Sardarni Harinder Pal Kaur, unfurled the tricolour flag and all in unison sang the National Anthem and expressed the joy of freedom. Col. (Retd.) IPS Walia, (Admin officer) Mr. Nirdosh, former Secretary of Publication and Creative Writing Society, in his speech reminded about the sacrifices of the freedom fighters and there strong will to get there Nation back to its legacy. After this Prof. F.C Garg, the Director of the Institute, highlighted the importance of the freedom and encouraged the students to become a more responsible personality in the society and prepare themselves to serve the Nation.

To charge up the surroundings with great fervour, a cultural performance was displayed by the Institute quire by the wordings (AB TUMHARE HAWALE VATAN SATHIYON.....) and dance performance displaying the diversity in our unity. Moving on, to facilitate the students achievements in academics a ceremony was organized. Following this Badge pinning ceremony was announced and the deserving leaders were appointed their duties for the Institute and different clubs and societies functional inside the premises of our esteemed Institute.



Simranjeet Kaur
B.Sc Biotech 3rd Semester

Close to Nature : Tree Plantation

A plantation programme was organized on 9th August by the NCC cadets of SardarBhagwan Singh P.G Institute, Balawala 11 UK (G) Batallion NCC Dehrdaun cadets under the guidance of Captain NaliniMeharishi in which 14 NCC cadets of SardarBhagwan Singh P.G Institute, Balawala took active participation. The cadets planted seedlings of Jamun, Kappur and Ritha in the village of Balawala and also organized awareness programme for the villagers.

The programme was attended by Subedar Major Kuldeep Raj Sharma, NayabSubedar L.B. Thappa, CHM RNK Khulari Civil Staff Sanjay and VinodBhandari. Col. Alok Kumar of 11 UK graced the event by his presence.

Ms. Divya Shah
BPT III Year

&

Ms. Shivangi Rawat
B.Sc. Biotech V Sem



Photograph of the Month



Rama Behar
B.Sc. Biotech 3rd Sem.

Student Column

FOOD WASTAGE AND MANAGEMENT

Waste is anything useless or worthless, and it's quite ironical to use this word with food. Waste management can be described as collection and treatment, and disposal of waste, in a productive manner. Waste hierarchy plays a major role in waste minimisation.

Now, we already know that, how many people sleep with an empty stomach, yet a lot of students among hostels and houses waste food in their plates, and do not consume it even, later on these wasted food material is of no use. Wasting food in such a large amount causes loss of energy as well as of resources. This only can be avoided by self realization and reduction; we should understand the requirement of poor and of those who are in need.

One should understand by them self that how much loss it causes to waste food in plate. Instead of wasting and making them of no use, we should take that much which is enough for us. The left out food can be distributed to poor children or street animals. A lot can be solved by this thought process. Moreover, wastage of food is not only wastage of edible items. It is wastage of time and energy which was used while making it and can go in vein. We should give a thought that what is "too much" or a kind of "waste" for one can be "meaningful" and "worthy" for another person.

Ms. RIYA RAJAN SHUKLA
B.Sc. Biotechnology III Sem



Birthday Wishes...

Dr. Mamta Farswan (Pharmacy) 01 Sept
Capt. Nalini Maharishi (Hostel Warden) 29 Sept

Anniversary Wishes...

Shri S.P. Singh (Chairman) 17 Sept

sbs**times**.....4



Office Bearers 2017-18



Institute Captains

- (i) Boys - Mr Abhishek Tripathi; M.Pharm 2nd Yr
(ii) Girls - Ms Pallavi Shirngi; MPT 2nd Year

Institute Vice Captains

- (i) Boys - Mr Mayank Bahuguna; B.Sc. Biotech 3rd Yr
(ii) Girls - Ms Zienat Bazami; BMM 3rd Yr

House Captains Ajit House

- (i) Boys - Mr Ajay Chand Ramola; B Pharm 4th Yr
(ii) Girls - Ms Surbhi Panwar; B Pharm 4th Yr

House Captains Jujhar House

- (i) Boys - Mr Harshwardhan; BPT 4th Year
(ii) Girls - Ms Bhawna Bhandari; BMM 3rd Yr

House Captains Zorawar House

- (i) Boys - Mr Vaibhav Chaudhary; B Pharm 4th Yr
(ii) Girls - Ms Reetu Panda; BPT 4th Year

House Captains Fateh House

- (i) Boys - Mr Gurdeep Singh; B Pharm 3rd Yr
(ii) Girls - Ms Tuisha Sachdeva; B.Sc. Biotech. 3rd Yr

Student Secretaries

- | | |
|---|---|
| 1. Rotract Club | Mr Trivijay Gupta; B Pharm 4 th Yr |
| 2. Cultural and Music Club | Ms Khushboo Kaul; BPT 4 th Yr |
| | Mr Rajat Joshi; BMM 3 rd Yr |
| 3. Dramatic Society | Mr Amit Kapri; M.Sc. Pharm Chem 2 nd Yr |
| 4. Creative Art Society | Mr Piyush Verma; B Pharm 5 th Sem |
| 5. Nature Club | Ms Ialita Joshi; M.Sc Biotech 3 rd Sem |
| 6. Photographic Club | Ms Omer Hassan; BMLT 3 rd Yr |
| 7. Philately Club | Ms Vaishali Kaur; B Pharm 7 th Sem |
| 8. Sports and Athletics Club | Mr Anant Pant; B Pharm 3 rd Yr |
| 9 .Publication and Creative Writing Society | Ms. Somya Joshi; B.Sc. Biotech. 5 th Sem |
| 10. Debating Society | Ms. Urmila Tamta, BPT 4 th Yr |

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Publisher: Dr. Gaurav Deep Singh, Managing Secretary, Gaurav Bharti Shiksha Sansthan
Advisors: Prof. F. C. Garg (Director), Capt. (Retd) J.S. Gill , (Advisor Administration), Dr. Luv Kush (Academic Advisor), Col. (Retd) I. P. S. Walia (Administrative Officer), Ms. Urmi Chaurasia (Advisor, Publication & Creative Writing Society)
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Photography: Photography Club
E-mail : sbspjpublication@gmail.com (for Editorial Board)



SARDAR BHAGWAN SINGH POST GRADUATE INSTITUTE OF BIOMEDICAL SCIENCES & RESEARCH, BALAWALA, DEHRADUN-248161, UTTARAKHAND TEL: 0135-2686246, e-mail:sbspji@gmail.com, website: www.sbspji.edu.in