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## Editorial

The third issue of SBSTIMES of session 2013-14 gives an overview of activities undertaken during the month of September 2013. It ranges from interactive and knowledge sharing activities to the humanitarian, environmental, sports and extra-curricular activities.

Most of the students in the Institute seem to eagerly indulge themselves in one or other activities. It is a positive sign for an Institution to flourish. The best environment for education is when students and teachers spare time for extra-curricular activities from their busy schedule of academics. As the personality development is one of the important aspects of human life. That is why it's truly said that the education center provides opportunities to students to nurture their hobbies and talents, in addition to the normal education.

Jalaluddin Rumi (13<sup>th</sup> Century Persian Sufi Poet) has rightly said

*"You were born with potential.  
You were born with goodness and trust.  
You were born with ideas and dreams.  
You were born with greatness.  
You were born with wings.  
You are not meant for crawling,  
So I don't,  
I have wings.  
I will learn to use them to fly."*

We hope to keep the spirit high.  
Enjoy reading

Regards  
Editorial Board

## welcomefreshers

Jovial smiles, high spirits, pulsating ambience, flashing lights and foot tapping music, the great lifetime moments for the fresh young seeds sown in the SBSPGI. It was the time when the second year UG and PG students organised a sumptuous fresher's party on 6th and 7th September. The events started with the lamp lighting by the Additional Director, Brig. (Retd.) P.P.S. Pahwa followed by his words of wisdom and blessings to the new members of SBS family.

The party organised, manifested youth and enthusiasm at its full flow. The exhilaration augmented to a joyful high when dance and song performances added to the festivities. As the mercury began to rise, the stage was left open for some unbridled exuberance unveiled by the melody dipped music notes followed by the crowning of Mr and Ms. Fresher. The party scripts a beginning of celebrations and hard work that students would be encompassing in the coming crucial years of their makeover at the Institute. We wish all the fresher's a merry beginning and a memorable journey. We wish all the fresher's a very best stay at SBSPGI.

**Sheetanshu Saproo**  
Member, Editorial Board  
Publication and Creative Writing Society



## WARM REGARDS TO OUR MENTORS ON TEACHERS' DAY

No matter where I go,  
No matter where I will be,  
You'll always be a part of "who I am"  
Everything I've known,  
Every seeds of joys, greatness, knowledge you have sown,  
Through good and bad  
Your love has watched me grow.

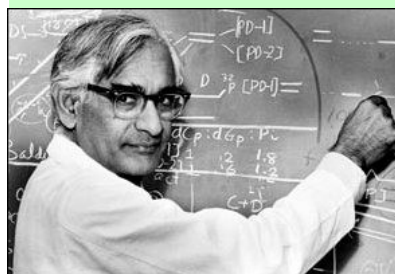
You are who teaches me, right from wrong  
Inspiring me to be strong.  
You care about me in every way  
And so in my heart you'll forever stay.

How lucky I am,  
Full of greatness that every day you are here,  
To guide my way  
When I'm lost "Beside me stay"  
In just these few lines, let me say,  
You turn my better into great through great.  
There's no fear, my dream awake with you.  
All I want to say is "THANK YOU"

Ajay Uniyal, Member Editorial Board  
B.Sc. Biotechnology I Year

### A Great Teacher: Dr. Har Govind Khorana

An Indian-born American biochemist who shared the 1968 Nobel Prize for Physiology with Marshall W. Nirenberg and Robert Holley for the research to show the nucleotides of DNA, that carry the genetic code of the cell, control the cell's protein synthesis. He attended the University of Lahore and University of Liverpool, England on government scholarship. He held fellowships at the University of Cambridge (1951), University of British Columbia (1952-59),



and joined as a faculty at University of Wisconsin (1960-70) and of the Massachusetts Institute of Technology till 2007.

In 1960s Khorana confirmed the findings of Nirenberg's findings that way the four different types of nucleotides are arranged in a spiral staircase of the DNA molecule determines the chemical composition and function of a new cell. The 64 possible combinations of the nucleotides are read off along a strand of DNA as required to produce the desired amino acids which are the building blocks of protein. He added details about which serial combination specifies which amino acid.

*No man who worships education has got the best out of education.... Without a gentle contempt for education no man's education is complete.*

## newjoining We congratulate the fresh new faces of Mentors in SBS family

### Dr. Nidhi S. Belwal

Assistant Professor

Dept of Microbiology

M.Sc. Biotechnology, SBSPGI

Ph.D. (Biotechnology), HNB Garhwal University



### Ms. Ankita Rajput

Assistant Lecturer

Dept of Medical Microbiology

M.Sc. Microbiology, MGM University, Mumbai



### Ms. Chaitali Singhal

Assistant Lecturer

Dept of Medical Microbiology

M.Sc. Microbiology, SBSPGI



## researchpublications

Sharma, N, Gupta, S., Singh S., Gupta, S. M. and Kumar, A. (2013). Molecular and protein based analysis for accessing genetic diversity among sea buckthorn (*Hippophae spp.*) genotypes of Uttarakhand. **Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.** DOI 10.1007/s40011-013-0196-4., Springer.

Gupta, A. K., Gaur, V. S., Gupta, S. and Kumar, A. (2013). Nitrate signals determine the sensing of nitrogen through differential expression of genes involved in nitrogen uptake and assimilation in finger millet. **Functional & Integrative Genomics 13 (2) 179-190** Springer. **Impact Factor: 3.3**

Anwar, M. S., Negi, H., Zaidi, M. G. H., Gupta, S. and Goel, R. (2013). Biodegradation studies of thermoplastics in nature using indigenous bacterial consortium. **Brazilian Arch. Biol. Technol. 56 (3) 475-484.** **Impact Factor 0.7**

Chakraborty, P., Dey, S., Parcha, V. Bhattacharya, S.S. and Ghosh, A., (2013). Design Expert supported Mathematical Optimization and Predictability study of Buccoadhesive Pharmaceutical Wafers of Loratadine, **Bio Med Research International**, vol 8,1-8. **Impact Factor 2.436**

Dobhal, Y., Parcha, V. and Dashmana, D.C. (2013). Prevention of LDH and CK-MB Release, and Recovery of Myocardial Infarct Size by *Allium humile* Leaves. **Oriental Pharmacy and Experimental Medicine**, DOI 10.1007/s13596-0130115-5. Springer publication. **Impact Factor 0.675**

Dobhal, Y., Parcha, V. and Dashmana, D.C. (2013). Evaluation of Chloroform Extract and its Fractions of *Ocimum gratissimum* (Linn.) Leaves for Cardioprotective activity", **Journal of Pharmacognosy and Phytochemistry, Volume 2, Issue 1,120-125.**

## The Glory of Indian Music.....

"She played the first note on her flute and we all were awestricken". The traditional bamboo instrument played a soulful beat with a perfect morning raga, the raga Jaith. It was peaceful, yet with all its expression. This torrent of expression, liveful cords spontaneously played by the Flute Sisters, Ms Deopriya and Ms. Suchismita, proud students and disciple of Pandit Hari Prasad Chaurisiya, left all of us mesmerized. Soon the flautist and the tabla player, Pandit Hari Shankar



Mishra improvised and created the master piece of music. It was the moment created in the Institute campus in association with SPIC MACAY to promote the classical forms of Indian music among the youths. They answered all the curiosities of the students with all modesty and ended their first concert in Doon valley with the melodious tunes of Om Jai Jagdish Hare.

**Sonali Gaur, Secretary, Publication & Creative Writing Society**

B.Sc. Biotech III Year



PHOTOGRAPH BY: SACHIN DIMRI



**NCC 7/11 UK GIRLS BN**

**18 NEW CADETS ENROLLED IN NCC FOR 'B' CERTIFICATE**

## A certified life saver

The Institute in association with IMA Blood Bank, Dehradun, Mahant Indresh Hospital, Dehradun and Rotract Club, SBSPGI, Balawala, Dehradun, organized a Blood Donation Camp on the theme: "To save life of the needy", on 27<sup>th</sup> September. A day before, poster competition based on blood donation theme was organised in which Lokshita Roy, BMM I Year stood first.

In all 230 units of blood was collected in this camp while the health check-up of around 300 persons was done.

The program started with the general check-up of the donors followed by the first phase of blood donation that was conducted by IMA Blood Bank while the second phase was taken up by the officials of Mahant Indresh Hospital.

We extend our regards to all the donors for associating with the camp and hope to see the same fervor as the Institute continues with such initiatives in the future. We hope to do better work for the society and provide service to the mankind as we save a precious life.

**Kajal Kalra, Member, Editorial Board**

B.Sc. Biotech II Year



## Two Days workshop on Kinesiotaping Therapy

A two day hands-on-Workshop was organized at Department of Physiotherapy, SBSPGI on 25<sup>th</sup> & 26<sup>th</sup> September 2013. The workshop was inaugurated by Head of the Department of Physiotherapy Dr. Maneesh Arora. The post graduate Physiotherapy students from SBSPGI attended the Workshop with vigour and enthusiasm. Dr. Piyush Jain (PT) was the resource person for the Workshop. Dr Piyush is a reputed instructor in Kinesiotaping is founder of the Indian Kinesiotaping Institute and is certified Kinesiotaping Therapist, Germany. Kinesiotaping is treatment technique that is being use widely for management diverse musculoskeletal dysfunctions and pain. The Hands on Workshop is one of a kind as the technique has limitless application, but expertise is limited to few.



An Inter University street play competition "MUKTANGAN" had been organized at FRI Dehradun on 19 Sept' 13, on the "awareness about the social evils". Students of Dramatics Society, SBSPGI, touched everyone's heart by their play, " Khand-khand Uttarakhand", depicting the sufferings of the flood victims of Uttarakhand disaster.

Students brought laurels to the Institute by winning the second prize while the best actor trophy was bagged by Mr. Amandeep of B. Pharm I year.



Rotary Club Dehradun organized a Joint Installation ceremony of the President and Board of Directors of SBSPGI and Doon Business School, on 27<sup>th</sup> September 2013. On this occasion **Mr. Abhishek Pratap Singh** from DBS and **Ms. Komal Singh** from SBSPGI were installed as the President of the respective Rotaract Clubs along with the Board of Directors.

Addressing the gathering, PDG Prem P. Bhalla, President, Rotary Club, Dehradun, emphasized and spoke about Rotary Club and quoted numerous examples guiding the Rotractors for effective running of the club and also appreciated their efforts for their zeal to serve the community. The teacher advisors Dr. Amit Dhawan, SBSPGI Rotaract Club and Mr Nitin Kumar, DBS Rotaract Club, were felicitated by a memento of "THE FOUR WAY TEST" after which they wished the clubs all the best for their commitment towards society.



The Rotractors of SBSPGI offered their support and succor to the pulse polio drive which was held on 15/9/2013 at various centers across Dehradun.

SBSPGI in coalition with IMA and Mahant Indresh blood bank organized a blood donation camp on 27<sup>th</sup> of Sept.2013

The Rotractors of the Institute raised an awareness campaign in the nearby areas and motivated the donors from the community which was met with enthralling response of 220 blood donors making it a successful event.



## noticeboard

Date	Event
8/9 Oct, 2013	Lecture on "Birds of Uttarakhand" by Dr. Dhananjay Mohan, CCF Uttarakhand Forest Department, Dehradun
10/11 Oct 2013	Inter House Chess Tournament
11 Oct, 2013	Pinching of Chrysanthemum
Oct, 2013	Flower Decoration Competition
19 Oct, 2013	Essay Writing Competition
30/31 Oct, 2013	Inter House Volley Ball Match

## alumni news

**Mr Pankaj Dubey**, M.Sc. Pharmaceutical Chemistry, Class of 2007, was promoted to Assistant Manager in Dr. Reddy's Laboratory, Hyderabad, India.

**Mr Prakash Uniyal**, M.Sc. Pharmaceutical Chemistry, Class of 2007, joined Oman Pharmaceuticals Pvt. Ltd., Oman as Senior Executive.

**Mr Shivanshu Gupta**, M.Sc. Biotechnology, Class of 2012, joined as Junior Research Fellow, Dept. of Microbiology, National Botanical Research Institute, Lucknow.

**Ms Kompal Arora**, M.Sc. Biotechnology, Class of 2012, joined as Junior Research Fellow, Division of Genetics, Arid Forest Research Institute, Jodhpur.

**Mr Sandeep Madwal**, M.Sc. Biotechnology, Class of 2012, joined as Junior Research Fellow, Dept. of Health Safety and Environmental Engineering, UPES, Dehradun.

**Mr Vijay Uniyal**, M.Sc. Pharmaceutical Chemistry, Class of 2013, joined Syncom Pharmaceuticals Ltd., Pharmacy, Selaqui, Dehradun.

**Ms Neelam Kanadri**, M.Sc. Pharmaceutical Chemistry, Class of 2013, joined Hetero Drugs & Pharmaceuticals Ltd., Pharmacy, Selaqui, Dehradun.

**Ms Prathistha Saha**, M.Sc. Biotechnology, Class of 2013, joined Velth Pharmaceuticals Ltd., Pharmacy, Selaqui, Dehradun.

 [www.facebook.com/SBS Old Students Association](http://www.facebook.com/SBS Old Students Association) 

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