

2 Teacher's Day
Student Column

3 Fresher Party
Dialog Box

4 Himalayan Day
Sports News
Rang Himalaya
New Joining
Photograph of the Month

5 Startup India
Placement 2016

Editorial

Month of September falls in the rainy season due to humid monsoon coming from south-west direction from the Bay of Bengal and causing heavy rainfall everywhere. During this rainy month students are busy preparing for their Sessional examination. So, library, night study and group discussions with friends are on the card.

The major highlights of this issue are celebrations like Teacher's Day, Himalayan Day, and Fresher Day along with regular features like photograph of the month, dialog box and student's column. **Teacher's Day** is an important event as everyone respects their teachers, who open the knowledge bank for their students. At one side seniors exhibits how to organize Teachers Day and on the other side they welcome their juniors to the Institute by organizing **Fresher's Day** and educate them, how to organize these events. On September 9th 2016 "**Himalayan Day**" was celebrated to salute "the Himalaya" on the northern side. We need to take care of this soldier to protect ourselves.

Start up India was a novel idea to boost up students to convert their technical dream into reality. Our students also took part in this program. We also wish happy **Physiotherapy** (Sept. 8th) and **Pharmacists Day** (Sept. 25th) to all SBSites.

We feel happy to be with you through this issue. The Editorial Board hopes you will enjoy reading this monthly newsletter.

Best Wishes
Editorial Board

From Director's Desk...



The Institute gives space to the students and staff to transform their knowledge and expand their thoughts into reality. The duty of the administration is to facilitate them in smooth functioning of the Institute whereas students need to focus on their academic performance and faculty on how best knowledge can be delivered.

I firmly believe that support, guidance and assistance given to the students at pre-placement stage prove immensely helpful to them in getting their dream job. Students should try to improve their own performance on academic and also on extra-curricular activities which will help them to become better professionals, and also bring laurels to the Institute.

I welcome and wish all the good luck to the candidates becoming part of SBS family not only to perform well but excel in whichever courses you opt.

Best Wishes
Prof. F. C. Garg

Teacher's day

Teacher's Day was celebrated on 5th September by students of all the Departments. Occasion of teacher's day is often very special for both students as well as teacher because it provides to the students to see the delightful side of their mentors. A teacher is one who motivates you, who inspires you to move ahead in your life and achieve your goals to reach the pinnacle of success in life.

The program beginning with lamp lighting and continued with different events like dance performance & poem recitations. There were titles and title songs for the teachers with cards & gifts. Games were also played along.

At last the students were addressed by the Head of the Departments. Overall the event went fabulously and all the faculty and students enjoyed the whole program.

Ms. Yashi Aggarwal
B.Pharm IV Year &
Shristhi Negi
B.Sc. Biotech III Year



STUDENT'S COLUMN: PRICE RISE

In this era of globalization, there is phenomena called *inflation* and it certainly need to be dealt with, otherwise poverty would rise like anything. Wrong government policies can affect the lives of common people. So, it is important to understand, what inflation actually is?

Inflation can be defined as the sustained increase in general price level of goods and services in an economy after a period of time. Factors like extensive supply of money, scarcity of resources, fluctuation in demand for goods and services can cause inflation. One of the reasons of inflation is depreciation of currency, which leads to increase in prices of imported goods.

Historically, during Mongal Yuan Dynasty in China, the government was keen on spending money on wars and the government printed more paper money which eventually led to inflation. Later on, Ming Dynasty issued copper coins instead of paper money. Otherwise, people of China would have succumbed to poverty. So, in the present era too, we need to take counter measures against inflation.

At times, in India we have witnessed the price hike of vegetables mainly because of the middlemen, and the farmers, who are the backbone of the Indian economy, gets less than 50% of the retail value of their vegetables. The things get worse when middlemen gets engaged in the practice of hoarding.

Price of crude oil is also of paramount importance. Moreover taxation adds fuel to the inflation in India there is double taxation on oil both by State and Central governments. India buys oil in dollars which makes the oil more expensive.

DOMESTIC SOLUTION: During inflation in our country, RBI (RESERVE BANK OF INDIA) act on it and increase Repo rates and Cash Reserve Repo rates (CRR and CRR ratio) which will curb the money supplied in the market.

INTERNATIONAL SOLUTIONS: India will have to promote globalized market which will reduce the price. Members of ASEAN (SOUTH EAST ASIAN NATIONS) prospered because of globalization. India can do it by participating actively in the WTO (WORLD TRADE ORGANISATION) and BRICS.

OTHER MEASURES: India needs to pay for oil and gas in Indian currency so that dominance of dollar can be countered effectively. India needs to do trade in currencies other than dollar. India should reduce dependency on oil imports. India needs to design a system parallel to launching euro. Initially, its value was nowhere near to the dollar, but now its value is much more against dollar.

So, inflation needs to be eradicated because it hampers development and progress of any country. In short, the formula to curb inflation for India would be: rein in the hoarders and prevent the further depreciation of INR. One of the most important need is that we be Indian should use petrol or diesel and other petroleum products judiciously to save foreign exchange.

Aditya Kothari

B. Pharm. V sem, Fateh House

II Prize Inter House Creative Writing Competition 2015-2016

Category: Critic Column (English)

PG Freshers Party

A fresher party was organized on 24th September, 2016 by the Post Graduate Students of SBSPGI, Balawala for the newly admitted students in different Post Graduate courses of the Institute. The program kicked off with the lamp lighting ceremony by the Director of the Institute, Prof. F. C. Garg accompanied by all Heads of the Departments. Prof. Garg addressed the gathering and urged the PG students to have keen interest in research activities along with academics. All Heads of the Departments, Faculty, Staff and Students were present on the occasion. The senior students welcomed their fresh juniors by presenting a memorable cultural event to them which included singing and dancing. The program ended with the tunes of DJ which made the students rock on the dance floor. On the whole, the event was a memorable one for the fresher's.

Mr. Fresher and Ms. Fresher selected from different Departments were as follows:

M. Pharm: Mr. Naman Pant & Ms. Pooja Upadhyay
M. Sc. (Biotech.): Mr. Aakash Sengupta & Ms. Lalita Joshi,
M. Sc. (Biochemistry): Mr. Rakesh & Ms. Aishwarya
M. Sc. (Microbiology): Mr. Satyendra & Ms. Arpita,
M.Sc.(Pharm. Chem.): Mr. Vikrant Hooda & Ms. Asha Chaturvedi,
M.Sc. (Chemistry): Mr. Gaurav & Ms. Kiran

UG Fresher's Party

Every year a new batch gets added to our SBSPGI family which requires celebration to welcome them. Students of SBSPGI, Balawala organized a Fresher's Party for the newly admitted Undergraduate student's of Biotechnology and Pharmacy Department on 22nd September, 2016. The theme of the event was "RETRO" which was being depicted at every nook and corner of college auditorium. The program was inaugurated by the Director of the Institute, Prof. F. C. Garg with lightening of the lamp. He stressed on the need of discipline, respect for seniors and wished all of them for a happy stay in the Institute. All head of the Departments, Faculty, Staff and Students were present on the occasion. The senior students welcomed their fresh inmates by offering them a grand gala cultural event. Cultural program like singing, dancing, reciting poems etc. were presented by senior as well as fresh students. Dance and music performances made the event a huge hit. Students made the occasion a memorable evening and the whole environment became exciting. The day ended with DJ where everyone danced whole heartedly. On the whole, the event was a wonderful experience for the freshers.

Titles for Mr. Fresher and Ms. Fresher from different Departments were as follows:

B. Pharm: Mr. Himanshu Joshi & Ms. Ratna Priya
B. Sc. (Biotech.): Mr. Ankit Kukreti & Ms. Aashima Rajvanshi
B.Sc (CBZ/ PCM): Mr. Adarsh Rana & Ms. Nagma Mirza
B.Com: Mr. Mohd. Akdas & Ms. Priyanka Negi

Ms. Sonam Khan
B.Sc. Biotechnology
3rd Semester



Dialog Box

MEASURING DNA WITH A SMARTPHONE

A new microscopic attachment can allow smartphone users to take a closer look at fluorescently labeled DNA

Electrical and Bioengineer Aydogan Ozcan and his colleagues, University of California, Los Angeles, have developed a smartphone attachment that can estimate the lengths of DNA molecules in a sample, (ACS Nano). The unit which weighs less than 190 grams, costs only \$400, and runs on three AAA batteries can reveal copy-number variations and other genetic features of disease making it a potential tool for diagnostic tests. By putting the solution between two cover slips, they effectively stretch the DNA into straight lines; then, a compact blue laser within the fluorescence microscope attachment focus on the DNA, and the smartphone took a series of photos that were sent to a remote server to calculate the strand lengths. The team tested the setup on DNA molecules that ranged from 10,000 to 48,000 base pairs. Other groups are also hoping to make smart phone microscopes, to bring the power of microscope based diagnostics to parts of the world lacking the necessary infrastructure often the places most in need of strategies to quickly diagnose infectious diseases. Ozcan compares the movement to the personal computer revolution. "If you look at the early computers, they were bulky, they were extremely expensive,". Now, "computers are portable and almost anyone can afford them. The same thing is going on today with microscopy. We are miniaturizing our micro and nano-analysis tools. We're making them more affordable; we're making them more powerful."

MONIKA JAISWAL
M.Sc. Microbiology
2nd Semester

Himalaya: Crown of Uttarakhand



On the occasion of the Himalayan Day on 09.09.2016 the Debating Society of Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research organized a program in the Institute premises.

The Staff and Students of the Institute participated in the program. Ms. Saumya Bhardwaj of BPT 1st year spoke about the Beauty of the Himalaya, Ms. Vani of BPT 1st year showed concern on urbanization & ill effects due to it. Ms. Zienat Bazami of B.Sc Medical Microbiology 2nd year spoke on the issues of safe guarding the Himalaya and proactive actions to be taken regarding the same and Mr. Lalita Joshi of M. Sc. Biotech 1st year also spoke about preservation of the natural habitat of the Himalaya.

The program concluded by noteworthy lecture of Prof. Sanjay Gupta Head of Department of Biochemistry & Biotechnology, who informed about the restoration of ecological balance of the Himalayas by giving a focus on the loss of Bio-diversity, increasing soil erosion, excessive slitting of rivers of Himalaya and increasing river water pollution. This program was a informative one about the Himalaya and the people of Uttarakhand. The program was anchored by Mr. Kartik Chawla, Member Debating Society.

Ms. Zienat Bazami
B.Sc. Medical Microbiology
2nd year

INDOOR AND OUTDOOR NEWS

INTERHOUSE CHESS COMPETITION (GIRLS & BOYS)

The Sports & Athletics Club organized the Inter-house Chess Competition (Girls & Boys) on 16th and 17th September 2016. The event was organized in common rooms of Boys & Girls hostels respectively. Students participated in the event with full enthusiasm and team spirit.

The results were as follows:

	BOYS	Girls
I	Fateh House	Jujhar House
II	Zorawar House	Zorawar House
III	Ajit House	Ajit House
IV	Jujhar House	Fateh House
Best Player	Neeraj Wanglambam	Bhawna
	BMM III Year	BMM III Year
	Fateh House	Jujhar House

RUNNER UP POSITION SECURED BY SBSPGI

Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun secured the Runner Up position in Uttarakhand Technical University Inter Collegiate Basketball (Boys) Tournament held on 26th-29th September, 2016 at College of Engineering, Roorkee.

Rang Himalayan Festival to celebrate Unity in Diversity

On 19th September, 2016 Rang Himalayan event was organized at Nanhi Duniya Dehradun. Seventeen (17) students from our college participated in group song which was sung melodiously. Students also participated and gave a street band performance. Musicians from East India and Nepal also participated.

The founders of Rang Himalayan, Mr. Alok Ulfat and Ms. Asha encouraged the students by imparting their insight. Photographs of the prestigious photographer Bhumesh Bharti was on display.

T-shirts and refreshments were also distributed among the students and the event ended with special thanks given to our honorable Chairman S.P Singh.

Rupam Singh

Student Secretary

Cultural and Music Club

Edited By **Abha Matoo**

Member Publication Committee

New Joinings



Mr. Vishal Warikoo
M. Tech(CSE)

Joined as an Assistant Professor in
Department of Pharmaceutical
Sciences

Photograph of the month



Mr. Mohit Sarda
B.Pharm IV Year

Startup India: Transformation of Thoughts into Reality

Startup India Program was organized on 19th September, 2016 by Youth India Foundation. This program started at 10 AM. Many students from various Institutes participated viz. UPES, Graphic Era, Uttaranchal College, BFIT and Alpine Institute. Approx. 68 students from our SBSPGI participated in this program. Honorable chief guest Mr. Harish Rawat (Chief Minister) graced the occasion. Other guests made us aware about the youth program. Many new ideas of entrepreneurship were discussed. The program encourage youngs to transform their thoughts into reality. Few Startup programs were as Website for searching accommodation for students by giving contacts of land lords which was started with target of 10 Lakhs/year by 4 students from UPES, A 10th pass boy have started cultivating medicinal plants by tissue culture and selling them and there was a environment friendly showpiece with holders which provided ample light was also an attraction for students. These startups helped kindling ideas in student's brain. Mr. Joy Sharma from an NGO Embryo was the event manager and Ms. Asha Dobriyal was the organizer. Also folk dance of Uttarakhand was presented and entrepreneurs were felicitated by the Chief Guest. Certificates were awarded to the students attending the program.

**Abha Matoo, BPT IV Year &
Samiksha Kaneri, M.Sc. Biotech. III Sem**

Placements for 2016 9 students of SBSPGI selected by CIPLA

A campus placement cum 'walk-in' interview was organized by Training & Placement cell, SBSPGI in the Institute campus on 11th Sept, 2016 for Cipla, Indore, SEZ. The campus placement was for the B.Pharm, M.Sc. Pharmaceutical Chemistry and M.Sc. Chemistry, Final year students for the post of trainee executive in Manufacturing/Q. C. positions while the walk-in-interview was for experienced candidates for other posts. The interview panel consisted of Mr. Ajit Gupta Head HR, Cipla, Indore SEZ, Mr. Kamal Sharma, Head HR, Baddi and their team of 15 members.

The convener of T & P office, Dr. Mamta Farswan Singh welcomed the team followed by a brief induction by Mr. Ajit Gupta and began the placement process. The students interacted curiously with the team members of Cipla and participated in the placement drive with great zeal and enthusiasm.

The panel was felicitated with a memento by Dr. Mamta F. Singh (Convener T&P) as a token of gratitude. Dr. Manjeet Kaur Arora (Co-Convener T&P), Dr. Niki Nautiyal (Secretary, T & P), Dr. Kumar Sachin, Mr. Brijesh Shankar, Mr. Shashank Soni, Dr. Parul Raj and members of T&P cell were also present on the occasion.

More than 500 candidates from various parts of the country attended the walk in-interview. Nine students from SBSPGI were selected in the campus interview for the post of QC Executive/Manufacturing Chemist.



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Photography: Photography Club
E-mail : sbspkipublication@gmail.com (for Editorial Board)

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

sbstimes.....5