



# VIEWPOINT - A PHARMA MAG.

**DR B.C. ROY COLLEGE OF PHARMACY & AHS**

MEGHNAD SAHA SARANI, BIDHANNAGAR, DURGAPUR-713206

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## VOICE OF THE EDITOR

*There are some people who have little curiosity about the world around them. They work all day never once wondering about how the workings and developments take place. But the developers need to take an interest in how things work under the hood.*

*Dr. B.C. Roy College of Pharmacy and AHS is ever growing and developing both academically as well as culturally. We have had the most fantastic start to the year 2010. Thanks to God and not forgetting to thank you our royal readers. So, this issue of Viewpoint : A Pharma Mag tries to peel away some of those layers to better understand the graph of progress of our college.*

*With the list of achievements that build up our pride, this issue also offers a bunch of Impressions from students and faculty to refresh the mind of our readers with some interesting facts and philosophies. Added to all this, the Poetry Corner section is a retreat for all.*

*So without wasting much time, turn the pages and plunge into our Viewpoint to make your afternoon read seuelly interesting  
Happy reading!*

Shukla Chatterjee

## LOOK OVER ...

### 1. OUR PRIDE

The final year students this year have meted up their challenge in the first Graduate Pharmacy Aptitude Test (GPAT 2010) conducted by MS University, Baroda, with outstanding scores.



Prasenjit Pradhan  
(AIR: 947)



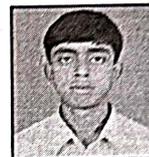
Kunj Bihari  
(AIR: 2216)



Dhrubojyoti Mukherjee  
(AIR: 2821)



Abhijit Pramanik  
(AIR:5175)



Somnath Saha  
(AIR: 5275)

**Pranab Bandhu Smriti Award:** Cash prize of Rs. 500/- was awarded to all successful GPAT candidates of Dr. B. C. Roy College of Pharmacy and AHS as the Pranab Bandhu Smriti Award by the family members of Late Pranab Bandhu Chakraborty.

Late Pranab Bandhu Chakraborty, the brother of Prof. (Dr.) S. Chakraborty, died in the year 1970 at the age of 23. He had passed B.Sc. from Asutosh College (CU) in the year 1968 and then joined in Dhakuria Ramchandra School as teacher of Biology.

### 2. STUDENT PERFORMANCE OF THE ODD SEMESTER-2009

Since its inception, the students of our college have always held top positions academically. The results of odd semester 2009 too shows no change. The college toppers of the odd semester are



Souvik Ghatak  
M Pharma 1<sup>st</sup> Year, 1<sup>st</sup> Sem  
(SGPA: 9.35)



Dipanwata Ghosh  
4<sup>th</sup> Year, 7<sup>th</sup> Sem  
(SGPA: 9.52)



Somrita Bhattacharjee  
3<sup>rd</sup> Year, 5<sup>th</sup> Sem  
(SGPA: 9.67)



Priyanka Saha  
2<sup>nd</sup> Year, 3<sup>rd</sup> Sem  
(SGPA: 9.55)



Joydeep Samanta  
1<sup>st</sup> Year, 1<sup>st</sup> Sem  
(SGPA: 9.17)

### 3. SCOPE FOR FURTHER DEVELOPMENT OF FACULTY MEMBERS

Dr. B.C. Roy College of Pharmacy and AHS always believes in over all development and constant upgradation of its faculty members. Ample scope is extended to its erudite faculty to enhance their



Dr. Partha Palit (Prof. BCRCP)

knowledge and academic qualifications. This semester, the college is proud to announce that one of its faculty members. Partha Palit did his Ph.D under Dr. Nahid Ali, (Scientist F) at Indian Institute of Chemical and Biology (IICB), under Jadavpur University. His title for the thesis is "Pharmacological study and Liposomal formulation evaluation of novel 4-amino quinaldine derivatives and generic drugs as antileishmanial anti cancer and anti microbial agents."

#### 4. VALUE ADDED SUPPORT FROM IPA

The college has always enthusiastically arranged value added support to its students to initiate further interest in their study of Pharmaceutical technology. This year IPA, Bengal Branch has added up with the college facilities by offering a scholarship to one of our meritorious student for further development. We are proud to announce that Sri Saswata Banerjee, a 3rd Year student of the institute has been selected for the award of the IPA Bengal Pharma and Health care Trust Scholarship 2009-2010 of Rs 10,000/-



Sri Saswata Banerjee at a college seminar

#### 5. ACTIVE PARTICIPATION OF M. PHARM STUDENTS IN CONFERENCE

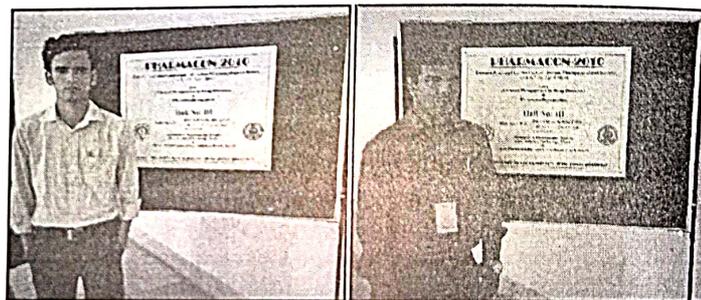
A National Conference on Pharmaceutical & Health Care Management was held on Jan 2010 by NSHM College of Pharmaceutical technology, Kolkata. Six of our students for M. Pharm 1st year presented their paper in this conference. The presentation was in the form of oral session as well as poster presentation

- Tanmoy Goswami gave an oral presentation on "Establishment of Natural Colour for Pharmaceutical use."
- Manish Kumar presented a paper in the oral session on "Identification and Separation of steroids and Triterpenoids from *Ixora pariflora* by their layer chromatography."
- Debapriya Sarkar presented her scientific contribution in oral session on the topic intitled "Low molecular weights heparin in anticoagulation cascade."
- Souvik Ghatak presented a scientific poster entitled "Orally Disintegrating Tablets An overview."
- Goutam Pal presented a scientific poster on "Leprosy and its management to Eradicate"
- Bipul Taran Hazra presented another scientific poster entitled "Present scenario of Tuberculosis and its Eradication"



M. Pharm Students attending National Conference at NSHM

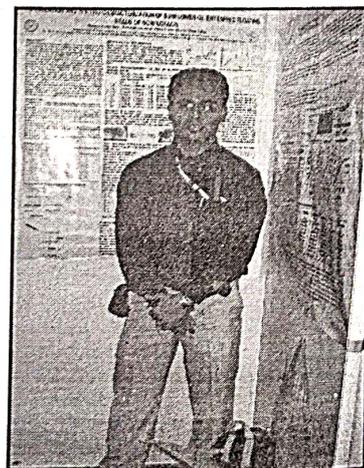
II Pharmacon 2010, the Eastern Regional Conference of Indian Pharmacitacal Society, was held on April 9,2010. It was organised by Department of Pharmaceutical Sciences, BIT Meshra and Indian Pharmaceutical society, Jharkhand Branch, Ranchi. Three M. Pharm 1st year students actively participated in the regional conference by presenting their scientific contribution in oral presentation session.



M Pharm 1st year students at PHARMACON-2010

- Alok Ranjan presented on Biowaivers for In-vivo Bioequivalency study
- Bipad Taran Hazra delivered his session on "Regulatory requirements of Investigational New Drug Application."
- Syed Masood Quadri presented on "Evaluation of protective effect of Reduced Glutathione on 5 Flurouraci Induced changes in Cholesterol profile"

III The Indian congress of Pharmacy and Pharmaceutical sciences 2010 and Indian Pharmaceutical Association convention 2010 was held at Sri Ramchandra University, Chennai in March 2010. Bijan Khalita first year, M.Pharm student participated in it through poster presentation. His topic was "Foundation and in vitro characterisation of sunflower oil entrapped Floating Beads of Norfloxacin."



Bijan Khalita with his poster presentation at Chennai

**6. ACADEMIC EXPANSION**



*Constructed M. Pharm Building*

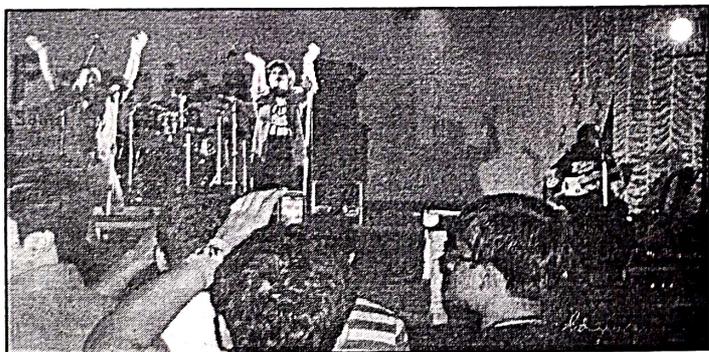
After the successful run of the first year of M.Pharm in Pharmaceutics, the college has moved ahead with excellent infrastructure and student care facilities to expand M. Pharm courses in the near future. This semester, the college has applied for increase of intake capacity of M. Pharm Pharmaceutics as well as applied for approval for M. Pharm in Pharmacology, Pharmaceutical Analysis and Quantity Assurance and Pharmacognosy to both AICTE and WBUT.

**ZENITH 2010**

- Upasana Banerjee (3rd Year)

February 12th and 13th, 2010, we marked the most pompous days in the diaries of BCRCP and AHS. The third consecutive year of celebrating the Annual Cultural and Technical fest of the college, Zenith'10 was the most eventful show of the college till date.

Feb12, was the day for the Technical fest which showcased the students' academic, extra-curricular and soft skills through events like SCI-ORATOR (ppt presentation), CUT, COPY, PASTE (collage), PAINT UR DRMZ (painting), Tech Quiz, Debate and 2 mins to fame. The most colourful day was inevitably the cultural pest held on the following day, Feb 13th. While the morning session held the prize distribution ceremony under categories of academics, sports & Technical fests; the evening was scintillating & vibrant by the live performance of the band "Cactus" This was followed by DJ nite where everyone danced so hard it nearly broke the college ground. Lastly, the colourful dance performances to lyrical musical scoles sung by college students added an extra charm to the evening. Hoping for more colourful zeniths to come and entertain us in the years ahead.



*Performances by the guest Artist at Zenith-2010*

**IMPRESSIONS**

**The e-Evolution of English**

-Upasana Banerjee (3rd Year)



English as a subject and English as a language are two entirely different things. Ask any one about how they feel about language, their emotions are barely suppressed and their views accompanied by groans sighs and lot more . But, let me remind you, these are the same people who spend most of their time talking to their peers, sending messages through mobile phones, emailing-all of this in English! And once again you hear the resounding statement 'The English we study and the English we speak are poles apart'.

*'Language is the blood of the soul  
into which thoughts run and  
out of which they grow'*

- oliver Werdell Holmes

Not too long ago, speaking in English was a formal affair as writing was. Addressing ones father as 'Sir' was not unheard of, although it may seem preposterous idea today.

With informality creeping into our lives, our language too has shed much of its formality.

English has changed in character from being the stiff, upper lip couerservative, for whom a slight deviation from the rules of grammar and usage would be an almost criminal offence, to a enial, young liberal, who sportingly adjusts to minor grammatical changes and even accomodates new jargon with a smile.

English spoken by youngsters today, has taken on a flavour that is at once fiery, rebellious, as it is (sometimes embarassingly) frank while words like 'cool', 'buck up', freak, 'man', 'shucks' have been a part of their jargon for sometime now, the more recent additions include words like 'chill', 'chillax', 'dude' and 'yo'. Using such a jargon is perhaps instrumental in bonding a generation together, giving it a unique means of connecting its identity.

This, the age of e-mail and SMS has brought about an even more noticeable change in the English language. A marked lack of time coupled with a need to communicate simply and effectively, has given rise to this kind of past-modern English. Grammar Syntax, spelling or any literary element is not on its list of priority. 'SIMPLIFY' this is the sole objective.

Hence, we have abbreviations that save a world of time (and money!) as well as energy. 'Before' is easily written as 'B4', 'you' as 'U', 'great' as 'Gr8' and so on.

The young generation, many would say, is characterised by impatience a poor span of concentration and rash behavior.

What then, would one expect its language to showcase? In its attempt to cater to the break-neck speed of communication, that do required today, the language that was once English is character, has metamorphosed into box, should we call it e-English ?

The question is yet unanswered

## Displine in Life

- S. N. Mukherjee, Librarian

Discipline is the most essential quality of life. It is in fact the greatest law of nature. It is necessary not only in Army but it is equally important in schools, colleges and homes. It is necessary in the personal life of everybody. Our nature is very disciplined as the sun rises in the East and sets in the West. The earth continues moving around the sun.

Discipline means obedience to the established rules of conduct. Every society has certain rules to control and regulate the life and activity of its members in order that the society as a whole may progress in harmony and peace. Discipline is a must in the life of a nation, in the army, in an institution, in school and colleges and in the life of every individual. Without it, no civilized society can function properly.

Discipline makes a nation and a person great. In order to acquire this great habit, one should start to cultivate it from the very beginning of one's life.

Discipline is necessary for health and also for progress in life. One should be regular in one's habit of food, study and sleep. It is the only key to success. To succeed in life, a student should follow discipline. He should obey his teachers and elders.

The importance of discipline has increased due to progress in



civilization. Discipline means a training that teaches self-control, obedience, cooperation and punctuality. Indian Army is famous for its discipline. The students of India should be disciplined like our soldiers. Then only India can become a strong nation. In short, discipline makes us better citizens. At a student's level, where there is cut-throat competition and time is extremely precious, these can prove to be real tools to overcome all obstacles. Self-discipline is something students should aim to achieve. It is not a commodity one can buy from the market. It is a rare quality which one has to inculcate, nurture and cherish from early childhood. Through self-discipline comes concentration which in turn helps a student to scale newer heights of academic excellence. Success will be theirs for the taking who value and practice self-discipline and abide by it at all times.

Temptations are always there. Only the forms of temptations change. But those of us who learn the subtle art of self-discipline and self-constraint, nothing can prevent us from attaining our goals in life. Let's all aim to be a little more self-disciplined from henceforth.

These are the questions young minds should put to themselves before they blindly follow the latest trends. Everything that glitters is certainly not gold and many a times what does not glitter and does not catch one's fancy might be more precious than gold. Before being swept off by changing winds, a student should think and consciously choose which path to follow. Apart from these, web chatting also takes up much of a youngster's time. Mobile is a device which is used by the students. They tend to keep chatting with friends over mobile or keep sending and reading SMS all the while even in their study hours or class room hours. It has also to be remembered that those who are not disciplined themselves cannot expect obedience from others when they themselves are put in power. As everybody hopes to rise to power, this should teach all to submit to discipline in their own lives.

## Tobacco & Cancer

- Nihar Ranjan Pal, Asst. Professor

[There are over 4,000 chemicals in tobacco smoke and at least 69 of those chemicals are known to cause cancer]

Tobacco in its varied forms are in vogue throughout the world. Smoking cigarettes, bidi, churoot, pipe, chewing tobacco, dentifrices, keeping in the vestibule of the mouth as khaini, snuff or inhalation of snuff are some varied uses of tobacco.

All these forms are potentially carcinogenic. Smoking which is mostly practiced, causes 40% of all cancers in men and when the smoker is also a heavy drinker, oral cancer is fifteen times more likely to develop than either with the non-smoker or the drinker. Smoking causes oral, throat, lung, oesophageal, stomach and bladder cancers.

The risk of developing cancer increases with the length of time a person had smoked and with the number of cigarettes/bidis smoked each day. Death rates increase with the depth of inhalation of smoke and are much higher in those who start smoking in their early teens. It has been established that smoking for at least 25 years triggers a biological switch that drives the growth of lung cells and this process can lead to cancer.

A number of cancer promoters, initiators and accelerators have been identified in cigarette/bidi smoke. Chewing tobacco, tobacco dentifrices,

snuff or khaini etc. cause mostly oral cancer. In India, Bangladesh, Bhutan and other countries, people mostly take tobacco in the chewing form 'Dokta' 'zarda' etc. along with 'Pan' and 'Supari' (are canut) and keep in the vestibule of the mouth hours together and even during night sleep after chewing. Arecanut contains carcinocin, an alkaloid



which is a potent carcinogen. Khaini, a miniature of ground tobacco with lime, kept in buccal vestibule, or below the tongue is a tradition in some states of India specially Bihar and causes cancer in mouth where it is kept.

Second hand or passive smoke : Those who do not smoke but inhale smoke from neighbour smokers show increased blood levels of several chemicals absorbed from the smoke with the potentiality to develop cancer. WHO predicts that if the current pattern continue, by 2050 smoking will cause 10 million deaths annually. What is more alarming, there is a trend towards increased, tobacco consumption in most developing countries, which is in contrast to the trend towards decreased smoking rates observed in most developed nations.

It is a nuisance to smoke and pollute. Some smoke in an open or a public space. Public places include office, restaurant, hospital, stadium, public park, airport, rail station, auditorium Smoking in either of these places should be abandoned considering its ill effects.

Smoking 20 cigarettes or bidis per day increases the risk of lung cancer about 10 fold. Lung cancer accounts for about half of total cancer deaths in men through out the world and about 90% is estimated to be caused by smoking.

As educated individuals, we are aware of all the above outcomes and often make statistical reports on the death rate due to cancer. But are we really aware enough to save ourselves from cancer ?

## POETRY CORNER ...

### Wherein lies the soul

- Bijan Kalita, M-Pharm 2nd Semester

Shore of life

I find myself in dilemma.

The waves of emotions rising up.... and down  
clashing against one another

Harbouring on the damp sand.

slowly being carried away into the vast sea

In the twilight, I stand

All alone.

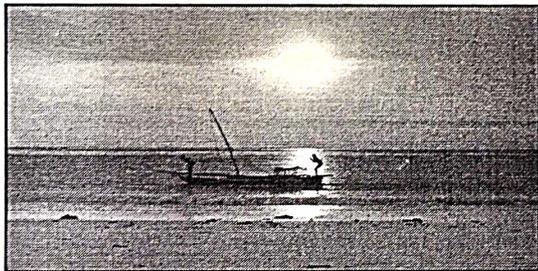
I open my arms and look beyond the horizon,

The hazel sun slowly makes its way towards heaven.

And then

The wind softly whispers

Wherein lies the sun !!!



### Hidden truth

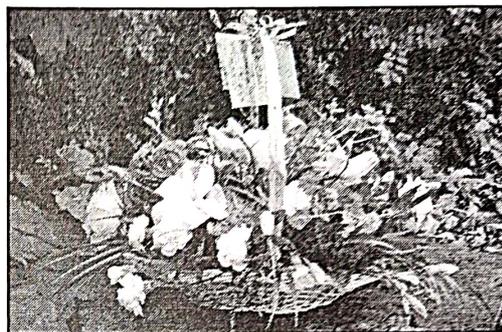
- By Indira Palit and Partha Palit

When the stars stop twinkling  
and the moon is not in her throne,  
Darkness envelopes the night's sky,  
shadowing the nature's brow.

The sleeping earth wears a robe of silence,  
Foggy darkness like a snake  
Stealthily captures every giddy lane.

'Tis then that the homeless orphans' crying for food,  
Mingles with the night bird's hoot,  
and shatters the silence of the night.

This is the reality, revealed in darkness,  
Often hidden behind the light.



### The Virtuous Garland

- Rituparna Chaki Ghosh (lecturer)

Oh! there again the one  
One that again floated away with the waves  
Can't I make it up to my garland  
Before the day get's over ?  
Alas! But my basket is still to fill  
I look into it to suffice my heart  
And I look with no contentment  
As there's not a quarter for my garland  
I shook the tree hard  
And sometimes jumped to reach that bunch there,  
And with the will of getting hold of one  
Hurt my knee over & over.  
Few still cling to the top and sit with pride,  
But what an enmity do ye carry  
That you give them to the river aside  
I still sit sometimes longing that one  
comes to my hand  
But the wind blow away the flowers  
To the waves alone.....  
I fear to fall in two river  
To collect a flower or two  
And sometimes angry & sometimes sad,  
My basket hath flowers only few  
Oh! there again O Lord  
Before the day gets over  
when will my count end  
I do not want to bouguet them  
A garland is all I want to make - A virtuous Garland

## Life and living

- Nilanjan Ghosh (Lecturer)

"Life, what is life?"

A newborn baby, a growing child,  
A smiling grandma, or is it, you and I  
Much, much more I think  
Greater than merely breathing air  
For more than merely living what is there.  
It is exploring searching & finding all things  
The vastness of a certain.  
Relishing in sunrise, being part of sunset  
Feeling it, living it, breathing it,  
creating life, touching life.  
Loving someone, the glory in being loved  
why do you want more, see what's yours  
Life is appreciation happiness inside  
Fining the first brilliant spring bloom and  
leaving it for a butterfly to feed upon,  
Life is what you make or break  
To live is to be alive,  
Live it!

## शहीदों की यादें

- वनिता कुमारी (तृतीय वर्ष)

एक दिन चले जाएँगे हम  
दुनिया से अति दूर।  
अपने साथ कुछ भी ना  
ले जा पाएँगे।  
पर अपनी कुछ यादें  
यही पर छोड़ जाएँगे।।  
हमारे जाने के बाद कुछ लोग  
कुछ पल, कुछ कल तक नीर बहाएँगे।  
कुछ पल, कुछ कल बाद  
भूल सभी जाएँगे।।  
दो-चार गम के आँसू  
तो जरूर हलकाएँगे।  
अपने को परिस्थिति के  
अनुकूल तो बनाएँगे।।

विदा करना है इस शवको  
जल्दी तो मचाएँगे।  
वाँस की अर्था को  
फूलों से सजाएँगे।।  
हमें चाहने वाले तो शमशान तक जाएँगे।  
वापस अपने घर आकर चैन की नींद सो जाएँगे।।  
जाने से पहले एक  
फरियाद है हमारी।।  
यादों में ही सही,  
याद रहे हमारी  
हमारे जाने के गम में  
खुश होकर हमें विदा करना  
लाश की तरह हमारी यादों को  
खुद से ना जुदा करना।।

## QUALITY POLICY

*We are Committed to impart quality "Education and training" that satisfy the requirements of our students in the fields of "Pharmacy & Management" and our aim is to uplift the institute with excellence in the field of quality technical education through continual improvement.*

*We facilitate our faculty to update their knowledge and skill for matching the dynamics of industrial and technological development.*

## चले आस आमार पिछु....!

- उ० पल पाण्डा (ल्याब इनस्पाक्टर)

उड़ते ये तार माना,  
तबु से डाना मेलेछे,  
इच्छेगुलो सपाट सपाट  
हयेछिल केवल लोपाट  
छन्द हीन हये से तहै उड़े चलेछे।

पृथिवी देखबे बले  
जोह्नार अन्तराले,  
ज्वले उठे किसेर नेशा  
खुजे से, छेउ आशा,  
मुक्त हाओयार, से ये आज पाखा मेलेछे।

डके ए राजहंसि  
डेसे चल् आमार साथे,  
देखबि रे तूहै सागर माबे,  
अमृतेर माबे रे केउ गरल याचे।

डके ए छेउ रघु,  
चलरे आमार साथे,  
बिष हल धार चारि धार,  
खुजि एक खुशिर आधार,  
अबिस्वसेर माबे मोरा  
सन्नसरे करबे से सलिल माबे,  
मोरा सेहै बागिचा खुजिबे डहै जगंग माबे,

खुजि एक पागला घोडा  
ताके ए डके कृषण  
चले आय आमार पिछु,  
पाहाड येरा देशे,  
सोनार बरण बेशे,  
राजपुन्तर हारिये येत स्वप्नरानिर देश,  
मिठेल हाओयार प्राने मोरा छिलाम मोरा बेश।।

श्यामला मायेर सोनार आँचल,  
शोभा पेत सोनार फसल्  
केडे निलि तोरा ए सकल,  
सोनार मायेर चोखे ये जन।  
भरिये दिलि अट्टालिकाय, आर धोयार माबे,  
ताहै हृदय आमार चायना किछु केबलि मुक्ति खोजे।

डके ए पुष्प सुभास।  
चलबि तूहै आमार साथे,  
भराते आज पारिना तोदेर ए आपन धररा,  
बिसाक्त ए तोदेर स्वप्न, हयेछे सकल सारा।  
दुषित मन चलछे ये आज स्वार्थ पाने,  
सुरेर मधु खुजे ना पाहै तोदेर गाने।।

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