



GNIPST BULLETIN 2017

19th May, 2017 Volume No.: 66 Issue No.: 03

Vision

To reach the pinnacle of glory as a centre of excellence in the field of pharmaceutical and biological sciences by knowledge based learning and practice

Mission

To impart high quality pharmaceutical science, technology and management education to the budding professionals and provide the ambience needed for developing requisite skills to make a mark of excellence in Education, Research, Business, Industry and achieve highest personal standards.

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For your **comments/contribution**

OR For Back-Issues,

<mailto:gnipstbulletin@gmail.com>



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GURU NANAK

GNIPST

INSTITUTE OF
PHARMACEUTICAL

GURU NANAK INSTITUTE OF PHARMACEUTICAL
SCIENCE AND TECHNOLOGY

Website: <http://gnipst.ac.in>



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MESSAGE FROM PRINCIPAL



*"It can happen. It does happen.
But it can't happen if you quit."* Lauren Dane.

*'We are what we repeatedly do.
Excellence then is not an act, but a habit.'* Aristotle

It gives me immense pleasure to pen a few words for our e-bulletin. At the onset I would like to thank the last year's editors and congratulate the newly selected editors for the current year.

Our first consideration is always in the best interest of the students. Our goal is to promote academic excellence and continuous improvement.

I believe that excellence in education is aided by creating a learning environment in which all learners are supported in maximizing their potential and talents. Education needs to focus on personalized learning and instruction, while promoting an education system that is impartial, universally accessible, and meeting the needs of all students.

It is of paramount importance that our learners have sufficient motivation and encouragement in order to achieve their aims. We are all very proud of you, our students, and your accomplishments and look forward to watching as you put your mark on the profession in the years ahead.

The call of the time is to progress, not merely to move ahead. Our progressive Management is looking forward and wants our Institute to flourish as a Post Graduate Institute of Excellence. Steps are taken in this direction and fruits of these efforts will be received by our students in the near future. Our Teachers are committed and dedicated for the development of the institution by imparting their knowledge and play the role of facilitator as well as role model to our students.

The Pharmacy profession is thriving with a multitude of possibilities, opportunities and positive challenges. At Guru Nanak Institute of Pharmaceutical Science and Technology, our focus is on holistic needs of our students.

I am confident that the students of GNIPST will recognize all the possibilities, take full advantage of the opportunities and meet the challenges with purpose and determination.

Excellence in Education is not a final destination, it is a continuous walk. I welcome you to join us on this path.

My best wishes to all.

Dr. A. Sengupta

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EDITORIAL BOARD

CHIEF EDITOR	DR. ABHIJIT SENGUPTA
EDITOR	MS. JEENATARA BEGUM
ASSOCIATE EDITOR	MR. DIPANJAN MANDAL



HISTORICAL ARTICLE

Subrahmanyan Chandrasekhar

Early Life and Education

India

Subrahmanyan Chandrasekhar was born on October 19, 1910 in Lahore, British India. (Lahore is now in Pakistan.)

He was the third of ten children in a well-educated family: his mother was a translator, who taught her children to read, while his father was Deputy Auditor General of the Northwestern Railways. The Nobel Prize winning physicist C. V. Raman was his father's brother. As a young boy, he was home-schooled by his parents and private tutors.

In 1922, Subrahmanyan Chandrasekhar became a student at the Hindu High School, Triplicane, Madras, where he was educated until 1925. Then, aged just 14, he began studying for a physics degree at Presidency College, also in Madras. (The city of Madras is now known as Chennai.)

In 1929, aged 18, he wrote his first academic paper, The Compton Scattering and the New Statistics. The following year, he graduated with a B.Sc. Honors degree in physics.

Cambridge and Europe

Chandrasekhar had already been identified as having extraordinary potential in physics; as a result of this he was awarded a scholarship to study for a Ph.D. degree at the University of Cambridge in the United Kingdom.

His supervisor at Cambridge was the physicist and astronomer Ralph Fowler. While traveling by ship from India to Britain in 1930, Chandrasekhar reviewed Fowler's and others' work on the

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degenerate electron gas in white dwarf stars. He updated the classical physics used previously, incorporating the new relativistic physics of Albert Einstein.

Although he was just 19 when he did it this work, it would ultimately lead to his Nobel Prize for physics.

In 1931, Chandrasekhar visited Göttingen, Germany, where he had been invited to spend summer working with the future Nobel Prize winning physicist Max Born.

In 1932, Chandrasekhar moved again, this time to Copenhagen, Denmark where he worked at the Institute for Theoretical Physics, founded 12 years earlier by Nobel Prize winning physicist Niels Bohr.

In 1933, it was back to Cambridge University, where Chandrasekhar, at the age of 22, was awarded his Ph.D. degree. He was also awarded a Fellowship to continue research at Cambridge for four more years.

Chandrasekhar's Scientific Career

Chandrasekhar identified his career phases as follows:

- 1929-1939: the theory of white dwarfs
- 1938-1943: stellar dynamics, including the theory of Brownian motion
- 1943-1950: the theory of radiative transfer
- 1952-1961: hydrodynamic and hydromagnetic stability
- 1961-1968: the equilibrium and the stability of ellipsoidal figures of equilibrium
- 1962-1971: the general theory of relativity and relativistic astrophysics
- 1974- 1983: the mathematical theory of black holes

In 1952 he became managing editor of the *Astrophysics Journal*, remaining in this highly demanding role until 1971, building it from a rather small publication into the foremost international journal of astrophysics. This period was one of enormous work commitments for Chandrasekhar, because he continued his research work, his writing, and his university teaching

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commitments, maintaining his usual very high standards in all of these roles, while managing and building the journal.

The Nobel Prize

In the end, scientists came to accept that Chandrasekhar was correct, and Eddington was wrong. It was a slow process, taking about 30 years.

It is now accepted that the ultimate fate of stars depends on their masses. Smaller stars become white dwarfs, while larger stars, after a supernova, can become neutron stars or black holes.

In 1983, Chandrasekhar was awarded the Nobel Prize in physics “for his theoretical studies of the physical processes of importance to the structure and evolution of the stars.” He shared the prize with William Fowler, whose prize was “for his theoretical studies of the physical processes of importance to the structure and evolution of the stars.”

Honors

- 1944: Elected Fellow of the Royal Society
- 1948: Cambridge University Adams Prize
- 1952: The Astronomical Society of the Pacific Bruce Medal
- 1953: The Royal Astronomical Society Gold Medal
- 1955: Elected to National Academy of Sciences
- 1957: Rumford Prize of the American Academy of Arts and Sciences
- 1962: The Royal Medal
- 1966: National Medal of Science
- 1968: Padma Vibhushan
- 1971: National Academy of Sciences Henry Draper Medal
- 1974: Heineman Prize
- 1983: Nobel Prize in Physics
- 1984: Royal Society Copley Medal

The End

Subrahmanyan Chandrasekhar died of a heart attack on August 21, 1995, aged 84. He had retired from his role as a full professor at the University of Chicago in 1980. He continued living in Chicago and his output of scientific books continued.

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His final book was Newton's Principia for the Common Reader, a masterpiece published shortly before his death.

He was survived by his wife Lalitha, who died in 2013 at the age of 102.

Today, NASA's Chandra X-ray observatory, named in his honor, orbits the earth. This observatory has lived up to its name, discovering new black holes, new supermassive black holes, and a new class of black hole.

NEWS UPDATE

△ **Antibody for fighting cancer emerges: (19th May, 2017)**

While studying the underpinnings of multiple sclerosis, investigators came across important clues for how to treat a very different disease: cancer. Researchers describe an antibody that can precisely target regulatory T cells which in turn unleashes the immune system to kill cancer cells. The team reports that the antibody decreased tumor growth in models of melanoma, glioblastoma and colorectal carcinoma, making it an attractive candidate for cancer immunotherapy.

△ **Neuroimaging shows increased blood flow in regions of the brain associated with memory and learning for people with higher omega-3 levels: (19th May, 2017)**

The incidence of Alzheimer's disease is expected to triple in the coming decades and no cure has been found. Recently, interest in dietary approaches for prevention of cognitive decline has increased. In particular, the omega-3 fatty acids have shown anti-amyloid, anti-tau and anti-inflammatory actions in the brains of animals.

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△ **Predicting influenza outbreaks faster with a digitally-empowered wearable device: (19th May, 2017)**

Through integration with a wearable thermometer, the Thermia online health educational tool has enabled prediction of seasonal influenza outbreaks in China one month earlier than before, according to a new study.

△ **Flies the key to studying the causes of dementia: (19th May, 2017)**

A research team has studied two structurally-similar proteins in the adult brain and have found that they play distinct roles in the development of dementia.

△ **Understanding the architecture of our 'second brain': (19th May, 2017)**

Scientists have made an important step in understanding the organization of nerve cells embedded within the gut that control its function -- a discovery that could give insight into the origin of common gastrointestinal diseases, including irritable bowel syndrome and chronic constipation.

△ **Patients' own fat tissue can help treat joint problems: (19th May, 2017)**

A new device gently suctions, processes and uses a patient's own fat tissue to provide a potential source of stem cells and growth factors to promote healing.

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△ **Caution urged in using PRP or stem cells to treat young athletes' injuries: (19th May, 2017)**

Physicians, parents and coaches should be cautious when considering treating injured young athletes with platelet rich plasma (PRP), stem cells or other types of regenerative medicine, says a nationally recognized sports medicine clinician.

△ **New molecular target to improve neuroblastoma treatment: (19th May, 2017)**

A new study has served to identify some genetic mutations that will help to improve the treatment of neuroblastoma.

△ **Mouse study looks at safety of stem cell therapy for early menopause: (18th May, 2017)**

Now that we know that egg-making stem cells exist in adults and that these cells can be transplanted into mice with premature ovarian failure to produce offspring, the next question is to assess whether the offspring from an adult mouse are normal compared to natural births. In a new article, researchers show that mice with early menopause that receive egg-making stem cells from another are capable of producing healthy pups with no observable genetic malfunctions.

△ **Opioid use before knee replacement surgery results in worse pain outcomes for patients: (18th May, 2017)**

Patients who had higher pain catastrophizing, the degree of an exaggerated, negative response to pain, were more likely to take opioids for pain relief, a team of investigators found. They found

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that patients who used opioids to manage their knee pain before their total knee replacement had less pain relief after the operation. According to a new study, patients who took opioids before knee surgery experienced about 9 percent less pain reduction at 6 months following surgery compared to patients who did not.

For detail mail to [editor](#)

KNOWLEDGE BASED ARTICLE

FDA expands approved use of Kalydeco to treat additional mutations of cystic fibrosis

The U.S. Food and Drug Administration today expanded the approved use of Kalydeco (ivacaftor) for treating cystic fibrosis. The approval triples the number of rare gene mutations that the drug can now treat, expanding the indication from the treatment of 10 mutations, to 33. The agency based its decision, in part, on the results of laboratory testing, which it used in conjunction with evidence from earlier human clinical trials. The approach provides a pathway for adding additional, rare mutations of the disease, based on laboratory data.

“Many rare cystic fibrosis mutations have such small patient populations that clinical trial studies are not feasible,” said Janet Woodcock, M.D., director of the FDA’s Center for Drug Evaluation and Research. “This challenge led us to using an alternative approach based on precision medicine, which made it possible to identify certain gene mutations that are likely to respond to Kalydeco.

Cystic fibrosis affects the cells that produce mucus, sweat and digestive juices. These secreted fluids are normally thin and slippery due to the movement of sufficient ions (chloride) and water in and out of the cells. People with the progressive disease have a defective cystic fibrosis transmembrane conductance regulator (CFTR) gene that can’t regulate the movement of ions and water, causing the secretions to become sticky and thick. The

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secretions build up in the lungs, digestive tract and other parts of the body leading to severe respiratory and digestive problems, as well as other complications such as infections and diabetes.

Results from an in vitro cell-based model system have been shown to reasonably predict clinical response to Kalydeco. When additional mutations responded to Kalydeco in the laboratory test, researchers were thus able to extrapolate clinical benefit demonstrated in earlier clinical trials of other mutations. This resulted in the addition of gene mutations for which the drug is now indicated.

Kalydeco, available as tablets or oral granules taken two times a day with fat-containing food, helps the protein made by the CFTR gene function better and as a result, improves lung function and other aspects of cystic fibrosis, including weight gain. If the patient's genotype is unknown, an FDA-cleared cystic fibrosis mutation test should be used to detect the presence of a CFTR mutation followed by verification with bi-directional sequencing when recommended by the mutation test instructions for use.

Cystic fibrosis is a rare disease that affects about 30,000 people in the United States. Kalydeco is indicated for patients aged 2 and older who have one mutation in the CFTR gene that is responsive to drug treatment based on clinical and/or in vitro (laboratory) data. The expanded indication will affect another 3 percent of the cystic fibrosis population, impacting approximately 900 patients. Kalydeco serves as an example of how successful patient-focused drug development can provide greater understanding about a disease. For example, the Cystic Fibrosis Foundation maintains a 28,000-patient registry, including genetic data, which it makes available for research.

Common side effects of Kalydeco include headache; upper respiratory tract infection (common cold) including sore throat, nasal or sinus congestion, or runny nose; stomach (abdominal) pain; diarrhea; rash; nausea; and dizziness. Kalydeco is associated with risks including elevated transaminases (various enzymes produced by the liver) and pediatric cataracts. Co-administration

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with strong CYP3A inducers (e.g., rifampin, St. John's wort) substantially decreases exposure of Kalydeco, which may diminish effectiveness, and is therefore not recommended.

Kalydeco is manufactured for Boston-based Vertex Pharmaceuticals Inc.

The FDA, an agency within the U.S. Department of Health and Human Services, protects the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, products that give off electronic radiation, and for regulating tobacco products.

Jeenatara Begum
Assistant Professor
GNIPST

DISEASE RELATED BREAKING NEWS

△ Ebola virus disease - Democratic Republic of the Congo: (05th May, 2017)

On 9 May 2017, WHO was informed of a cluster of undiagnosed illness and deaths including haemorrhagic symptoms in Likati Health Zone, Bas Uele Province in the north of the Democratic Republic of the Congo (DRC), bordering Central African Republic. Since 22 April, nine cases including three deaths have been reported. Six cases are currently hospitalized.

[Read more](#)

UPCOMING EVENTS

△ International conference on “Cognitive Science and Artificial Intelligence” at Tirupathi, Andhra Pradesh, India will be held on 5th to 7th July, 2017.

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 **DRUGS UPDATES**

△ FDA Expands Approved Use of Kalydeco to Treat Additional Mutations of Cystic Fibrosis: (17th May, 2017)

The U.S. Food and Drug Administration expanded the approved use of Kalydeco (ivacaftor) for treating cystic fibrosis. The approval triples the number of rare gene mutations that the drug can now treat, expanding the indication from the treatment of 10 mutations, to 33. The agency based its decision, in part, on the results of laboratory testing, which it used in conjunction with evidence from earlier human clinical trials. The approach provides a pathway for adding additional, rare mutations of the disease, based on laboratory data.

[Read more](#)

 **CAMPUS NEWS**

△ REVIENS:

GNIPST bidded goodbye to the final year students by the farewell programme REVIENS. Best of luck to the final year students for their future life.

△ COGNIZANT:

Congratulations to 27 number of students who got job in Cognizant.

Sl No.	Name of student	Sl No.	Name of student
1	AINDRILA BHOWMICK	15	SHASHWATA GHOSH
2	SHARMISTHA DAS	16	SAMHITA KUMAR
3	MOZAMMEL HAQUE	17	DIPTARCO SINGHA
4	BANTI SINGH	18	ABHISHEK GUPTA
5	ABHIRUP SAHA	19	SUBHAJIT MANNA
6	ARUNAVA CHAKRABORTY	20	SAYANI BANERJEE

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7	PAYEL BHATTACHARJEE	21	SAURAV CHAKRABORTY
8	SAYANI BANERJEE	22	DEBARATI BHATTACHARYA
9	APARUPA SINHA	23	RITAM CHOUDHURY
10	AISHWARYA DATTA	24	SOUMIK DEY
11	ARIJIT PRAMANIK	25	SOUMAVA BHATTACHARYA
12	RANIT PAUL	26	SNEHAM SEN
13	PRITI KUNDU	27	MANDIRA GHORAI
14	SOUMYADEEP BHATTACHARYA		

△ **NESTLE INDIA LTD:**

Congratulations to SHANTANEEL INDU and SAYANTAN DATTA-selected for the position of Nutrition Officer Trainee at NESTLE INDIA LTD.

△ **Placement Record 2017:**

SL NO	COMPANY NAME	NUMBER OF STUDENT APPEARED/APPLIED	NUMBER OF STUDENT SELECTED	JOB PROFILE
1	NESTLE INDIA LTD	46	02	Nutrition Officer Trainee
2	SUNKNOWLEDGE PVT. LTD.	10	10	Officer
3	COGNIZANT	42	27	Officer

△ **IRIS 2017 competition results:**

Painting:

1st: Sanchita Adhikary

2nd: Abhiraj Pathak

3rd: Swagata Paul

Photography:

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1st: Arnab Sarkar
2nd: Amit Kumar
3rd: Aditya DebGhosh

Antakshari:

1st: Biswadip Chakraborty
Divyashree Biswas
2nd: Debargha Dutta
Neha Das

3rd: Sourav Guha
Tamal Khan

Dumb Charade:

Champion:
Himadri Poddar
Gourab Samajdar
Ritushree Bag

Short film:

Dwidha by Ankur Sen, Aditya DebGhosh, Arnab Chakraborty, Sreyoshi Dey, Ankita Aditya, Ranit Kundu, Nirupan Gupta.

Games:

COC:

Champion Team (God Father):

Abhirup Dey, arijit Pramanik, Kuntal Nadi, Arghya Roy, Aaman Roy, Arunava Chakraborty, Nayan Karmakar, abhiraj Pathak, Tamal Khan, Arijit Mitra Thakur.

Need for speed: (NFS)

1st: Soham Roy
2nd: Anurag Baidya
3rd: Shantoneel Indu

Fifa-XI:

1st: Sayantan Datta
2nd: sounak Paul

Solo singing:

1st: Ritobroto Paul
2nd: Arpita Sarkar

Solo Dance:

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1st: Monodeepa Ghosh

2nd: Dipshikha Kar

3rd: Srestha Sengupta

Group Dance:

Champion Team:

Aimless:

Susmita Kar

Srija Sur

Sayani Sarkar

Ankur Sen

Supratim Das

Sayantan Das

Somnath Diyan

△ **NIRF of GNIPST:**

GNIPST received NIRF (National Institutional Ranking Framework) ranking amongst Top 75 Pharmacy Institutions in India and the best Pharmacy Institution in West Bengal by MHRD, Govt. of India.

△ **IRIS 2017:**

GNIPST is going to organize the cultural fest IRIS 2017 on 5th and 6th April, 2017.

△ **ICMR Sponsored National Seminar at Orisa:**

Congratulations to Ranit Kundu who have got first prize in oral presentation in ICMR sponsored National Seminar at Orissa.

△ **Intra college cricket tournament 2017:**

On 21st and 22nd February 2017 GNIPST organized Intra college cricket tournament.

Congratulations to the winner:

B.Pharm 2nd year

Man of the match:

Soham Ray

Highest wicket Taker:

Shovon Ghosh

Highest run scorer:

Saikat Bera

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△ **Sardar Jodh Singh Trophy 2017:**

On 17th February 2017 GNIPST participated in Sardar Jodh Singh Trophy 2017 and played the cricket match against Asansol Engineering College and GNIT.

△ **Annual Sports Meet 2017:**

On 14th and 15th February 2017 GNIPST organized Annual Sports Meet 2017.

Congratulations to the following winner:

Flat Race 100 m for Boys:

1st: Suman Ghosh

2nd: Arijit Mitra Thakur

3rd: Arnab Ghosh

Flat Race 100 m for Girls:

1st: Moutan Roy

2nd: Manpreet Kaur

3rd: Kriti Prasad

Flat Race 200 m for Boys:

1st: Suman Ghosh

2nd: Arnab Ghosh

3rd: Abhiraj Pathak

Flat Race 200 m for Girls:

1st: Anjali Mondal

2nd: Moutan Roy

3rd: Kriti Prasad

3 Legged Race:

1st: Aindrila Bhowmick

Anjali Mondal

2nd: Poulami Sarkar

Pamolita Paul

3rd: Renu Sha

Sayani Das

Long Jump for Boys:

1st: Abu Sufian

2nd: Saikat Bera

3rd: Arijit Mitra Thakur

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Long Jump for Girls:

1st: Sayani Das

2nd: Aindrila Bhowmick

3rd: Anjali Mondal

Skipping for Girls:

1st: Moutan Roy

2nd: Aindrila Bhowmick

3rd: Anjali Mondal

Shot put for Boys:

1st: Arijit Mitra Thakur

2nd: Bishal Kr. Singh

3rd: Abu Sufian

Shot put for Girls:

1st: Koyel Ghosh

2nd: Aindrila Bhowmick

3rd: Pamolita Paul

Discuss throw for Boys:

1st: Arijit Mitra Thakur

2nd: Monojit Dutta

3rd: Bishal Kr. Singh

Discuss throw for Girls:

1st: Nasrina Mondal

2nd: Aparupa Sinha

3rd: Kriti Prasad

Sack Race 50 m for Boys:

1st: Sneham Sen

2nd: Arijit Mitra Thakur

3rd: Maruf Billa Akunji

Sack Race 50 m for Girls:

1st: Kriti Prasad

2nd: Nasrina Mondal

3rd: Moutan Roy

Relay Race (4x100 m) for Boys:

Winner: Sneham Sen

Abhiraj Pathak

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Arijit Mitra Thakur

Suman Ghosh

Relay Race (4x100 m) for Girls:

Winner: Kriti Prasad

Sayani Das

Nasima Mondal

Sunanda Konar

Go for Goal for Boys:

1st: Abhiraj Pathak

2nd: Arnab Ghosh

3rd: Subhankar Malakar

Balance Race 100 m for Girls:

1st: Aindrila Bhowmick

2nd: Pamolita Paul

3rd: Moutan Roy

Tug of War (Boys):

Winner: Arnab Mondal

Arnab Chakrabarty

Asif Iqbal

Ankit Chowdhury

Arnab Sarkar

Tug of War (Girls):

Winner: Aparupa Sinha

Priya Bardhan Roy

Poulami Sarkar

Pamolita Paul

Moutan Roy

Flat Race for /male Staff:

1st: Dr. Subhendu Bandyopadhyay

2nd: Debabrata Ghosh Dastidar

3rd: Dipanjan Mondal

Hit the Stamp for Male Staff:

1st: Dipanjan Mondal

2nd: Debabrata Ghosh Dastidar

3rd: Dr. Asis Bala

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Hit the Stamp for Female Staff:

1st: Anuranjita Kundu

2nd: Prapti Chakraborty

3rd: Rakhi

Balance Race for Female Staff:

1st: Moumita Chowdhury

2nd: Priyanka Ray

3rd: Jeenatara Begum

Hari Bhanga for Female Staff:

1st: Sumana Roy

2nd: Priyanka Ray

3rd: Rakhi

Tug of War (Female Staff):

Winner: Dr. Sumana Chatterjee

Dr. Sriparna Kundu Sen

Sumana Roy

Jeenatara Begum

Moumita Chowdhury

Jaya Banerjee

Satabdi

△ **Sunknowledge Pvt. Ltd.:**

Congratulations to the students who got the job of Sunknowledge Pvt. Ltd.

1. Aishwarya Datta

2. Debjani Saha

3. Sayani Banerjee

4. Priya Dey

5. Anurag T K Baidya

6. Diptarco Singha

7. Soumyadeep Bhattacharya

8. Soumava Bhattacharya

9. Aniruddha Bhar

10. Dibyojyoti Chatterjee

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△ **QUIZ organized by GNIDSR:**

Congratulations to Pratik Nandi and Bhaskar, who have acquired 2nd position in quiz competition organized by GNIDSR.

△ **Reminiscence 2017:**

On 12th February, 2017 GNIPST celebrated Reunion programme.

△ **GPAT 2017:**

The following B.Pharm. final year students have qualified, GPAT-2017. We congratulate them all.

Rudradip Das

Tanmoy Saha

Arpita Ghosal

Sampita Pal

Soham Chatterjee

Sajjaman Halder

Swati Abat

Anjali Mondal

Tanaya Palit

Anurag T K Baidya

M.Pharm:

Rajshekhar Roy

Sanu Praharaj

△ **Cognizant:**

Congratulations to the students who got the job of Cognizant.

Shayeri Nandi

Alinda Guha Roy

Annesha Dutt

Madhurima Saha

Aindrila Guha

Shankha Saha

Ranit Kundu

Sanu Praharaj

Sweta Majumder

△ **NBA Accreditation:**

NBA has accredited GNIPST.

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△ **Debate competition:**

On 19th November, 2016 our student Pratik Nandy and Dippoman Guha was participated in All India University debate Competition organized by Calcutta Debate Circle.

△ **International seminar 2016:**

International seminar on Global Advancement in Pharmaceutical research and startup organized by GNIPST in collaboration with IPGA was held on 22nd October, 2016 at GNIPST auditorium.

△ **NBA visit:**

The experts of National Board of Accreditation or NBA will be going to visit GNIPST on 24th September and 25th September, 2016.

△ **Freshers welcome programme:**

On 12th September GNIPST organized the Freshers welcome programme Kulrav 2k16.

△ **GNIPST Football Match 2016:**

On 31st August and 1st September GNIPST sports club organized a football match. The winner of the football match was B.Pharm 3rd year.

△ **Recent Trends in Pharmaceutical Research:**

A Science Awareness Programme comprising of seminar on “Recent Trends in Pharmaceutical Research” was organized by GNIPST in collaboration with National Academy of Science India (NASI) on 30th August, 2016 from 2 pm to 4.30 pm at GNIPST auditorium. Plantation programme was also organized by Eco club. Dr. Hemanta Kumar Majumder, gave his valuable lecture on “Modern Biology & its Evolution” and Dr. Pijush K Das delivered his lecture on “Site specific Drug Targeting –Magic Bullet approach”.

△ **World Photography Day celebration:**

On 19th August 2016 GNIPST celebrated World Photography Day at Dakhineswar.

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△ **Friendly Football Match:**

On 15th August 2016 GNIPST organised a friendly football match with Alumni members.

△ **Farewell 2016:**

On 25th May 2016 GNIPST celebrated the farewell programme for the final year students. Best of luck to all final year students for their future life.

△ **ALUMNI MEMBERS 2016:**

Congratulations to new Alumni Members of GNIPST.

△ **Accreditation by NAAC:**

SL. NO.	NAME OF THE INSTITUTE	STATE	CGPA(out of scale 4)	GRADE
01	Guru Nanak Institute of Pharmaceutical Science And Technology, Kolkata-700114	West Bengal	2.70	B

📌 **STUDENTS' SECTION**

❖ **WHO CAN ANSWER FIRST????**

✓ *Identify the person*



Answer of Previous Issue's Image:

Sir Richard Attenborough

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- *Send your thoughts/ Quiz/Puzzles/games/write-ups or any other contributions for Students' Section & answers of this Section at gnipstbulletin@gmail.com*

EDITOR'S NOTE

It is a great pleasure for me to publish the 3rd issue of 66th Volume of **GNIPST BULLETIN**. All the followers of GNIPST BULLETIN are able to avail the bulletin through *facebook account 'GNIPST bulletin'* I am very much thankful to all the GNIPST members and readers who are giving their valuable comments, encouragements and supports. I am also thankful to **Dr. Abhijit Sengupta**, Director of GNIPST for his valuable advice and encouragement. Special thanks to **Dr. Prerona Saha, Mr. Debabrata Ghosh Dastidar and Mr. Soumya Bhattacharya** for their kind co-operation and technical supports. Thank you **Mr. Soumya Bhattacharya** for the questionnaires of the student section. An important part of the improvement of the bulletin is the contribution of the readers. You are invited to send in your write ups, notes, critiques or any kind of contribution for the forthcoming special and regular issue.

ARCHIVE

ACHIEVEMENT:

△ Congratulations to Anurag Chanda, student of B.Pharm final year who have got the 1st prize in poster presentation event in Prakriti 2015 at Department of Agricultural and Food engineering, IIT, Kharagpur.

△ OTHERS:

➤ On 24th and 25th February, 2015 Swamiji of Gourio Math was delivered some motivational lectures in GNIPST.

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- The students of GNIPST participated in the 4th Sardar Jodh Singh Trophy organised by NIT on 20th February, 2015.
- On 8th February, 2015 Gnipst celebrated the Reunion programme “Reminiscence Reloaded 2015”.
- The general body meeting of APTI, Bengal Branch has been conducted at GNIPST on 15th June, 2012. The program started with a nice presentation by Dr. Pulok Kr. Mukherjee, School of Natural Products, JU on the skill to write a good manuscript for publication in impact journals. It was followed by nearly two hour long discussion among more than thirty participants on different aspects of pharmacy education. Five nonmember participants applied for membership on that very day.
- AICTE has sanctioned a release of grant under Research Promotion Scheme (RPS) during the financial year 2012-13 to GNIPST as per the details below:
 - a. *Beneficiary Institution:* Guru Nanak Institution of Pharmaceutical Science & Technology.
 - b. *Principal Investigator:* Dr. Lopamudra Dutta.
 - c. *Grant-in-aid sanctioned:* Rs. 16,25000/- only
 - d. *Approved duration:* 3 years
 - e. *Title of the project:* Screening and identification of potential medicinal plant of Purulia & Bankura districts of West Bengal with respect to diseases such as diabetes, rheumatism, Jaundice, hypertension and developing biotechnological tools for enhancing bioactive molecules in these plants.

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Activity Clubs of GNIPST:

Name of Club	Member Faculty
CULTURAL	Ms. Priyanka Ray
DEBATE AND EXTEMPORE	Mr. Soumya Bhattacharya
ECO	Ms. Sumana Roy
LITERARY AND PAINTING	Ms. Jeenatarra Begum
PHOTOGRAPHY	Ms. Sanchari Bhattacharya and Mr. Abir Koley
SCIENCE AND INNOVATIVE MODELLING	Mr. Samrat Bose
SOCIAL SERVICES	Dr. Asis Bala
SPORTS	Mr. Debabrata GhoshDastidar