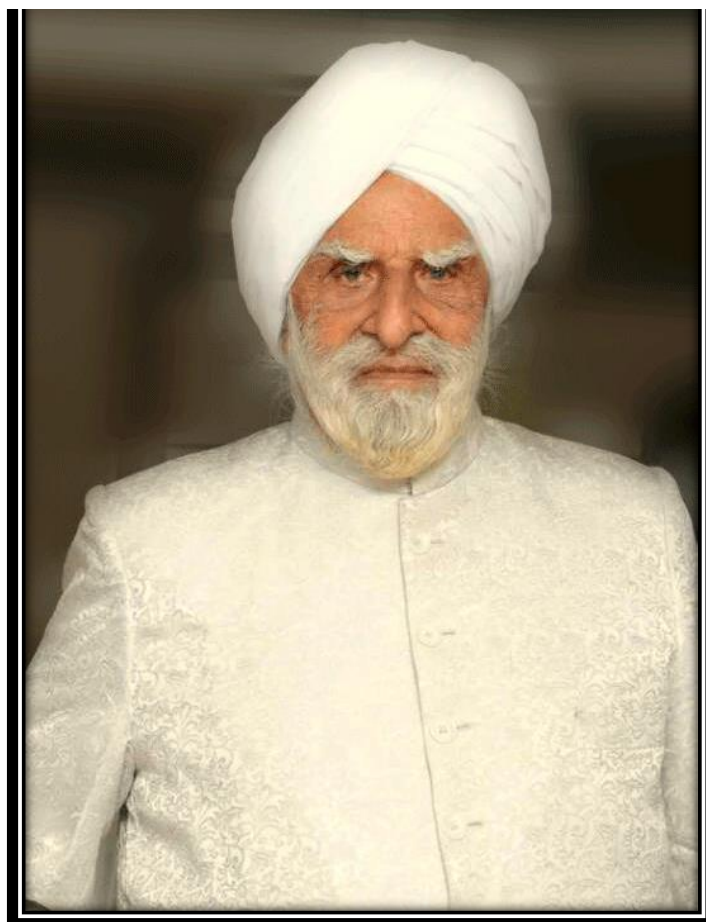


ANNUAL REPORT 2017-2018



GURU NANAK INSTITUTE OF PHARMACEUTICAL SCIENCE & TECHNOLOGY
157/F NILGUNJ ROAD, PANIHATI, KOLKATA-700114
www.gnipst-pc.ac.in

Tribute to SARDAR JODH SINGH



(FEB 1, 1920 – JAN 25, 2018)

Babuji will always be remembered as an inspiring leader, a loving fatherly figure and a mentor who had a never ending drive for excellence, enthusiasm and innovative ideas.

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Guru Nanak Institute of Pharmaceutical Science and Technology

Vision

To develop responsible citizens who would be professionally equipped to 'think globally and act locally' and become reformers of society to meet the challenges of future.

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.

Quality Policy

- ❖ Best standards and practices of good governance, shall be put in place to bring in transparency of operations and improve credibility at all levels.
- ❖ Industry-ready professionals to be developed through Interactive Teaching-Learning Process, Corporate exposure and project work.
- ❖ Higher Studies/research for Faculty & Staff shall be encouraged for up gradation of knowledge through participation in Seminar, workshop etc.
- ❖ Appropriate Laboratory facilities would be developed in selected areas to provide the ambience for Research and Development activities.
- ❖ Industry Institute Partnership Cell (IIPC) will be established. Industrial consultancy shall be carried out in an effective manner through Industry Institute Partnership cell (IIPC) for developing a sense of accomplishment.
- ❖ NBA accreditation for all AICTE approved programmes shall be obtained at the earliest and maintained on a long term basis.

PRINCIPAL'S MESSAGE



It is my privilege to welcome you to the 2017-18 session of Guru Nanak Institute of Pharmaceutical Science and Technology. Our Institute is dedicated to the cause of top quality technical education with the mission of "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". The exemplary infrastructural facilities, the team of highly qualified and dedicated faculty and the exhilarating atmosphere in the campus will surely take you to enviable heights in your capabilities and achievements.

In last 10 years, 612 students have graduated in pharmaceutical technology from our college. Many of our College Alumni are holding good positions in a number of well known organizations, not only in our country but also abroad.

The College has well qualified, experienced and dedicated faculty and supporting staff, state of the art laboratory facilities, computer facilities, Library and Information Centre, outdoor and indoor games, seminar hall, round the clock Internet and wi-fi facilities & separate hostels for Boys and Girls in the campus.

The College encourages faculty members to acquire higher degrees, to publish text books/papers and participate in Seminar/Workshop/Conferences that are held not only within our country but also abroad. Even some of our students have published scientific papers. The college encourages students to take part in co-curricular activities.

The college has a full-fledged "Training and Placement Cell". This Cell organizes industry visits for 2nd year B. Pharm students and industrial tours for 4th year students. The compulsory industrial training is also organized by this cell for the third year B. Pharm students. In collaboration with the "Entrepreneurship Development Cell", the "Training and Placement Cell" organizes a "Finishing School Training Program" for B. Pharm. 3rd and 4th year students and Post graduate students of the college. "Training and Placement Cell" has enabled our college students to participate in several recruitment programmes of many leading organizations.

Students are encouraged to participate in inter collegiate competitions in outdoor/indoor sports / games, cultural events and technical paper presentation competitions. The college also organizes several Inter collegiate Sports tournaments and technical paper presentation competitions. Many of our college students have presented GNIPST in various sports and games.

I once again welcome you to the GNIPST family and wish your journey with us will be long cherished by you and help you build your career in future ahead.

Dr. Abhijit Sengupta

Director- cum -Principal

PROGRESS AT A GLANCE (2017-2018)

- GNIPST secured prestigious NIRF ranking in Rank Band: 75-100.
- NAAC awarded grade B to GNIPST in 2016.
- GNIPST got NBA Accreditation in 2016.
- Faculty members of the institution are presently involved in several projects funded by the trust.
- The institute organized one day National seminar titled “Conservation of biodiversity and sustainable use of biological resources” on 1st September 2017 with grants received from West Bengal Biodiversity Board.
- The Institute Organized One day National Seminar in collaboration with IPGA Bengal Branch titled “National Seminar on Clinical research in recent pharmaceutical sciences” on 22nd November 2017. Many of the senior faculty members of the institute chaired the technical sessions.
- The Institute actively participated in organizing International Seminar titled “Current Trends in Pharmaceutical Biotechnology” on 27th to 28th February 2018.
- The faculty members of the Institute have to their credit publication and/or acceptance of research papers in peer-reviewed journals and also in proceedings of national and international conferences during the session 2017-18.
- Faculty members of this institute also acted as reviewers for peer-reviewed journals like Pharmaceutical Biology, Journal of Ethnopharmacology etc.
- Several workshops/ seminars/ refresher courses were organized by the Institute during the 2017-18 session.
- The faculty members of the institute have attended a number of workshops, national and international conferences and several Faculty Development Programs.

- The Institute has initialized the procedures for the formation of an “Incubation Centre” and a “Drug Testing Laboratory”.
- Research collaborations have been developed with Jadavpur University, Stammed Pharmaceuticals, Janata Dairy, Hash Technologies etc.
- A total of 120 students took admission in B. Pharm. through West Bengal Joint Entrance Examination (WBJEE), Joint Entrance Examination (Main) [JEE (Main)] and Common Entrance Examinations- Association of Minority Professional Institutes (CEE-AMPAI).
- A total of 44 students took admission in M. Pharm. through GPAT and Post Graduate Entrance Test (PGET) organized by West Bengal University of Technology (WBUT). Eighteen students took admission in M. Pharm (Pharmacology) whereas Fifteen students opted for M.Pharm. (Pharmaceutics). Eleven students took admission in M. Pharm. in Pharmaceutical Chemistry.
- Comparative subject wise result analysis showed an overall improvement from previous year results.
- One of the M. Pharm Student Sakshar Saha became State winner of National Elocution Competition organized by Indian Pharmaceutical Association, Education Division and also become the finalist of this prestigious event.
- GNIPST students participate and perform very well in sports events organized by the institute or organized by other institutes.
- GNIPST students’ team won the MAKAUT inter-college zone III football championship.
- GNIPST girls’ team won the MAKAUT inter-college zone III badminton competition and boys team became the runners up.
- Like previous years, GNIPST social service club organized visit to different orphanage and old-age homes with crackers and sweet distribution with students and teachers as a part of Pre-Diwali celebration.
- Photography competition, quiz and model exhibition was arranged and participated by students at the eve of IRIS, 2018, college fest.

FACULTY DEVELOPMENT

The Institute was awarded B grade by “National Assessment and Accreditation Council” with a CGPA of 2.7 out of 4.

SEMINAR / WORKSHOP ATTENDED (2017-18)

Guru Nanak Institute of Pharmaceutical Science and Technology (GNIPST) encourage the faculty members to attend workshops, conferences, seminars etc. A total of 39 registrations were recorded from the faculty members of GNIPST

Sl. No.	Name of Applicant	Title	Type of Programme	Date / Duration	Place of the function
1.	Dr. Abhijit Sengupta	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	Nov 22, 2017	Jadavpur University
2.	Dr. Abhijit Sengupta	Conservation of biodiversity and sustainable use of biological resources	National Seminar	Sept. 1, 2017	GNIPST
3.	Dr. Sumana Chatterjee	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	Nov 22, 2017	Jadavpur University
4.	Dr. Sumana Chatterjee	Conservation of biodiversity and sustainable use of biological resources	National Seminar	Sept. 1, 2017	GNIPST
5.	Dr. Sumana Chatterjee	Pre-Workshop Assessment Techniques By Dr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	Sept. 7, 2017	GNIPST
6.	Dr. Lopamudra Datta	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	Nov. 22, 2017	Jadavpur University

7.	Dr. Lopamudra Datta	Pre-Workshop Assessment Techniques ByDr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	7 th September 2017	GNIPST
8.	Dr. Lopamudra Datta	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
9.	Dr. Prerona Saha	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	22 nd November 2017	Jadavpur University
10.	Dr. Prerona Saha	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
11.	Dr. Prerona Saha	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
12.	Dr. Sriparna KunduSen	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	22 nd November 2017	Jadavpur University
13.	Dr. Sriparna KunduSen	National Symposium on Ashwagandha and Ethnopharmacology conclave	National Seminar	9 th -10 th September 2017	Jadavpur University
14.	Dr. Sriparna KunduSen	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
15.	Dr. Sriparna KunduSen	Pre-Workshop Assessment Techniques ByDr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	7 th September 2017	GNIPST
16.	Mr. Debabrata Ghosh Dastidar	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST

17.	Ms. Moumita Chowdhury	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
18.	Ms. Moumita Chowdhury	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
19.	Ms. Priyanka Ray	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
20.	Ms. Priyanka Ray	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
21.	Ms. Priyanka Ray	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	22 nd November 2017	Jadavpur University
22.	Ms. Sumana Roy	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
23.	Ms. Sumana Roy	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
24.	Ms. Jeenatara Begum	National Seminar on Clinical research in recent pharmaceutical sciences	National Seminar	22 nd November 2017	Jadavpur University
25.	Ms. Jeenatara Begum	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
26.	Ms. Jeenatara Begum	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST

27.	Ms. Jeenatara Begum	Pre-Workshop Assessment Techniques ByDr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	7 th September 2017	GNIPST
28.	Ms. Anuranjita Kundu	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
29.	Ms. Anuranjita Kundu	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
30.	Mr. Soumya Bhattacharya	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
31.	Mr. Samrat Bose	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
32.	Mr. Samrat Bose	Pre-Workshop Assessment Techniques ByDr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	7 th September 2017	GNIPST
33.	Dr. Kausik Sen	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
34.	Ms. Prapti Chakraborty	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City
35.	Ms. Prapti Chakraborty	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
36.	Mr. Dipanjan Mandal	World congress on Drug discovery and Development Summit 2017	International Conference	20 th -22 nd September 2017	Science City

37.	Mr. Dipanjan Mandal	Conservation of biodiversity and sustainable use of biological resources	National Seminar	1 st September 2017	GNIPST
38.	Dr. Swati Chakraborty	Conservation of biodiversity and sustainable use of biological resources.	National Seminar	1 st September 2017	GNIPST
39.	Dr. Swati Chakraborty	Pre-Workshop Assessment Techniques By Dr. Nicholas Philips, Ms Mara Simmons.	One Day Workshop	7 th September 2017	GNIPST

FACULTY DEVELOPMENT PROGRAMME (FDP) / QUALITY IMPROVEMENT PROGRAMME (QIP) ATTENDED (2017-18)

Guru Nanak Institute of Pharmaceutical Science and Technology (GNIPST) encourage the faculty members to attend Faculty Development Programme for improving teaching and learning skills in higher education. A total of 41 registrations were recorded from the faculty members of GNIPST.

Sl. No	Name of Applicant	Programme Title	Type of Program	Date / Duration	Venue
1.	Dr. Lopamudra Datta	Teacher's Training Programme sponsored by PCI	FDP	15-17 Sept., 2017.	NIPER Kolkata
2.	Dr. Sumana Chatterjee	Assessment Tools for Outcome Based Education	FDP	27 Feb - 3 rd March 2017.	NITTR Kolkata
3.	Dipanjan Mandal	Assessment Tools for Outcome Based Education	FDP	27 Feb - 3 rd March 2017	NITTR Kolkata
4.	Dipanjan Mandal	Research in Drugs and Pharmaceuticals from Bench to Beside	QIP	3-16 May, 2017	Jadavpur University
5.	Priyanka Ray	Research in Drugs and Pharmaceuticals from Bench to Beside	QIP	3-16 May, 2017	Jadavpur University

6.	Anuranjita Kundu	Assessment Tools for Outcome Based Education	FDP	20-24 March 2017	NITTR Kolkata
7.	Soumya Bhattacharya	Designing and Implementation of Outcome based Curriculum	FDP	20-24 March 2017	NITTR Kolkata
8.	Soumya Bhattacharya	Teacher's Training Programme sponsored by PCI	FDP	15-17 Sept. 2017.	NIPER, Kolkata
9.	Dr. Sriparna Kundu Sen	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology
10.	Sumana Roy	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology
11.	Moumita Choudhury	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology
12.	Samrat Bose	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology
13.	Debjeet Sur	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology

14.	Prapti Chakraborty	CEGR certified Faculty Development Programme on Higher Education Faculty career orientation and Advancements	FDP	18 th -22 nd June 2018	Narula Institute of Technology
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SEMINAR / WORKSHOP ORGANIZED BY INSTITUTE (2017-18)

The institute organized National and International Seminars in the year of 2017-18

Sl No	Name of the Conference/ Workshop/ Symposium	Date & venue	Details
1.	National Seminar on Biodiversity Theme: Conservation of Biodiversity and Sustainable use of Biological resources. Organized by GNIPST in collaboration with West Bengal Biodiversity Board.	1 st Sept. 2017 GNIPST	Invited Speakers: Dr.Suparna Das Biswas Dr.Debal Deb Dr.Purnabasu Choudhury Dr.AsisMazumder Number of Participants:300
2.	Clinical Research in Recent Pharmaceutical Sciences. Organized by IPGA Bengal Branch in collaboration with GNIPST	22 nd Nov. 2017 Jadavpur University	Invited Speakers: Prof. (Dr.) Ambika .C. Banerjee Dr. S.K Todi Dr.GoutamMuhuri Dr.AnirbanRoy Chowdhury Number of Participants:250
3.	International Seminar on Current Trends in Pharmaceutical Biotechnology. Organized by GNIPST	27 th &28 th Feb 2018 GNIPST	Invited Speakers: Dr.Esta Van Heerden Dr.Ashoke Kumar Mitra Dr.Siddharta Saran Ghosh Dr. A.B Samadder Number of Participants: 200



NATIONAL SEMINAR ON CONSERVATION OF BIODIVERSITY AND SUSTAINABLE USE OF BIOLOGICAL RESOURCES, 1ST SEPTEMBER 2017



NATIONAL SEMINAR ON CLINICAL RESEARCH IN RECENT PHARMACEUTICAL SCIENCES ORGANIZED BY IPGA AND GNIPST, 22ND NOVEMBER 2018



**INTERNATIONAL SEMINAR ON CURRENT TRENDS IN
PHARMACEUTICAL BIOTECHNOLOGY, 27TH AND 28TH
FEBRUARY 2018**

RESEARCH & DEVELOPMENT

In 2017-18, a total of FIVE International and TWO National publications were made by the faculty members of the institute.

- List of Journal Publications (International & National)
1. Moumita Chowdhury, Abhijit Sengupta, Lopamudra Datta, Sumana Chatterjee. Role of mucilage as pharmaceutical additives and cytoprotective agent; Journal of Innovations in Pharmaceutical and Biological Sciences 2017, Vol 4 (2): 46-52
 2. Debabrata Ghosh Dastidar, Suvam Ghosh, Sumana Chatterjee. Application of D-optimal mixture design for optimization of production parameters of fast and complete release dexamethasone amorphous solid dispersion tablet Journal of Innovations in Pharmaceutical and Biological Sciences 2017, Vol4 (1): 07-11
 3. Swati Chakraborty, Subhayan Dutta, Review on Genetic Regulation, Reduction and resistance mechanism of chromium. International Journal of Multi-Disciplinary Research Review, ISSN NO: 2395-1877, 82-87
 4. Nabodita Sinha, Tamalika Chakraborty and Abhijit Sengupta "Synthesis of Silver nanoparticles using green resources and comparative analysis. International Journal of Nanoparticles, 2017 Vol 9, No. 4, pp. 265-286.
 5. Dipanjan Ghosh, Debabrata Ghosh Dastidar, Ritam Bairagi, Swati Abat, Arindam Chatterjee. Effect of particle size on dissolution profile of Ciprofloxacin Hydrochloride from floating matrix tablet. International Journal of Pharmaceutical Research. Vol 10, issue2, pp 110-117, 2018
 6. S. Dutta, and S. Chakraborty. Isolation and purification of chromium and nickel resistant endophytic bacteria. Frontiers in Biotechnology, Chapter II, Department of Biotechnology, St. Xavier's College (Autonomous), Kolkata, 20 pp-17 October 2017.
 7. K. Firdous and S. Chakraborty. 2017. Cheap sources of chitosan from bacterial species. Frontiers in Biotechnology, Chapter II, Department of Biotechnology, St. Xavier's College (Autonomous), Kolkata, 4 pp-8 October 2017.

OTHER PUBLICATIONS

There was a total of **Forty-Two** National proceedings and **Nine** International proceedings by the faculty members.

List of Conference Paper /Proceedings (International)

Sl No.	Title of the Abstract	Authors' Names	Title / Theme of the Conference/ Seminar	National or International	Date	Venue
1	Cytochrome 450 mediated inhibition Potential of Some Medicinal Plants used in Diabetes: A Review	Prerona Saha	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
2	Pharmacognostical Evaluation of <i>Leaucanealeucocephala</i> leaves.	Sumana Roy, Lopamudra Datta, and Prerona Saha	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
3	Comparative study of the Physical properties of natural mucoadhesive from the fruit pulp of <i>Ziziphusmauitiana</i> with methyl cellulose and sodium alginate.	Priyanka Ray, Sumana Chatterjee and Prerona Saha.	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
4	Antimicrobial activity of Flavonoids containing plants against <i>Pseudomonassp</i>	Jeenatara Begum and Abhijit Sengupta.	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata

5.	Preparation and Evaluation of Prednisolone Acetate loaded Chitosan Alginate Coated Emulsion	Prapti Chakraborty, Abhijit Sengupta, Debabrata Ghosh Dastidar	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
6	Formulation and Evaluation of Dexamethasone Floating tablets using <i>Basella alba</i> fruit mucilage	Moumita Choudhury, Abhijit Sengupta, Lopamudra Datta, Sumana Chatterjee	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
7	Strain improvement of <i>Penicillium</i> sp. To increase the production of Penicillin.	Dipanjan Mandal, Ritobroto Mukherjee, Abhijit Sengupta and Tamalika Chakraborty	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata
8	Antimicrobial activity of Flavonoid enriched fractions of <i>Terminalia bellerica</i> against Multi Drug Resistant <i>Staphylococcus aureus</i>	Tamalika Chakraborty, Sumana Chatterjee, Lopamudra Datta and Abhijit Sengupta	World Congress on Drug discovery and Development	International	20-22 Sept. 2017	Science City, Kolkata

9	Review on recent advancement of current technologies for decolorisation of textile waste water: Perspective for Environmental Biotechnology	Jeenatara Begum, Tamalika Chakraborty and Abhijit Sengupta	International Conference 2 nd Conference on “World Earth Day”	International	22-24 April 2017	Jadavpur University
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List of Conference Paper /Proceedings (National)

Sl No.	Title of the Abstract	Authors' Names	Title / Theme of the Conference/Seminar	National or International	Date and Venue
1	Exploration of in-vitro anthelmintic activity of leaf extracts of different <i>Calamus</i> species	Sriparna Kundu Sen, Malaya Gupta, Upal .K. Mazumder and Pallab Kanti Halder.	4 th Convention for SFE, India National Symposium “Ashwagandha” & Ethnopharmacological Conclave	National	9-10 Sept. 2017 JU
2	Bacterial Proteins as Anti-cancer agent- A Review	Jeenatara Begum and Abhijit Sengupta.	4 th Convention for SFE, India National Symposium “Ashwagandha” & Ethnopharmacological Conclave	National	9-10 Sept. 2017 JU
3	Phytochemical and Pharmacological Investigation of An Indigenous Medicinal Plant <i>Leucas aspera</i> and Anti-Angiogenic and Pro-Apoptotic activity of aqueous extract of <i>Leucas aspera</i> in Cam Assay- A Review	Suprobhat Bhattacharjee and Samrat Bose.	4 th Convention for SFE, India National Symposium “Ashwagandha” & Ethnopharmacological Conclave	National	9-10 Sept. 2017 JU
4	Vitexin: A potential Flavone Glycoside	Tania Karmaker and Prerona Saha	4 th Convention for SFE, India National Symposium “Ashwagandha” & Ethnopharmacological Conclave	National	9-10 Sept. 2017 JU
5	Antiangiogenic effect of Tomato skin	Susmi Sen and Samrat Bose	4 th Convention for SFE, India	National	9-10 Sept. 2017

	extract on Zebra fish embryo- A Review		National Symposium "Ashwagandha" & Ethnopharmacological Conclave		JU
6	Ant diabetic Flavonoids	Tandrima Chatterjee and Prerona Saha	4 th Convention for SFE, India National Symposium "Ashwagandha" & Ethnopharmacological Conclave	National	9-10 Sept. 2017 JU
7	Comparative phytochemical analysis of <i>Thevetia peruviana</i> flowers and fruits collected from Serampore, Dist Hoogly, West Bengal	Monikarna Datta and Soumya Bhattacharya	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
8	Comparative evaluation of floating tablet and its modification to bilayer dosage form	Rashmita Biswas, Moumita Chowdhury	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
9	Review on the development and evaluation of floating drug delivery system	Moutan Roy and Anuranjita Kundu	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
10	Effect of Anti-angiogenic agent in Teratogenicity	Arpita Nath and Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
11	Pathophysiological role of Zika Virus and its Latest treatment- A review	Supratim Das and Samrat Bose	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
12	Review on utilization of caffeine in cosmetic products	Shreya Banerjee, and Soumya Bhattacharya	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
13	Preparation of Floating gel beads of Niacinamide by emulsion gelation technique	Swagata Pal, Jeenatara Begum and Abhijit Sengupta	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
14	Recent Advancement in	Reemi Gupta and Dipanjan Mandal	National Seminar on Clinical research in	National	22 nd Nov. 2017

	Angiogenesis Assembly using Zebrafish model		recent pharmaceutical sciences		JU
15	Review on different strains of Laboratorial animal used in anti-diabetic model	Sneha Bag and Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
16	Review on comparative study of pigmented and non-pigmented flowers having anti-diabetic activity	Srija Sur and Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
17	A Revolution in drug delivery: Silver nanoparticles	Tanmoy Maji and Moumita Chowdhury	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
18	A review on synthesis of Quercetin Analogues by different synthetic methods	Saikat Sen, Sriparna Kundu Sen and Sumana Chatterjee	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
19	Recent Establishment of Novel Zebra Fish model for Anti-Diabetic activity	Sathi Paul and Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
20	Preparation of sunscreen gel from <i>Daucus carota</i>	Tanaya Palit, Priyanka Ray and Swati Abat	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
21	Review on Anti-microbial activity of <i>Punicagranatum</i> Linn. Extract against oral microorganisms	Swati Abat, Tamalika Chakraborty and Tanaya Palit	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
22	Comparative study of Antimicrobial activity of ethanolic extract of <i>Catharanthus roseus</i> leaf: A review	Susmita Roy, Jeenatara Begum and Abhijit Sengupta	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
23	Formulation and characterization of Niacinamide loaded multiple emulsion	Souvik Das and Sumana Roy	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU

24	Porous Microsphere	Sourabh Saha and Debabrata Ghosh Dastider	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
25	Solid Lipid Micro particles	Shriya Ray and Debabrata Ghosh Dastidar	National Seminar on Clinical research in recent pharmaceutical sciences	National	22 nd Nov. 2017 JU
26	Formulation and Evaluation of Bi-layer Floating Tablet	Rashmita Biswas and Moumita Chowdhury	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
27	Comparative analysis of Conventional and microwave assisted Chemical Analysis	Saikat Sen, Sriparna Kundu Sen and Sumana Chatterjee	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
28	Floating Gel Beads	Swagata Pal and Jeenatara Begum	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
29	Kaempferol and its anti-diabetic effect	Tandrima Chatterjee and Prerona Saha	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
30	A Review on use of Biological Resources to Modulate Angiogenesis	Arpita Nath, Dipanjan Mandal and Abhijit Sengupta	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
31	Determination of Pollutants in atmosphere by the toxicological study using the Zebra Fish Model	Tilottama Bhattacharya, Dipanjan Mandal and Abhijit Sengupta	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
32	Effect of Biodiversity in Acquired Immune System	Puja Adhikary and Samrat Bose	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
33	Review on Gums and Mucilage: Excipients for Novel Drug Delivery System	Sushmita Roy and Jeenatara Begum	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
34	Herbal Anti-Aging Cream	Poulami Das and Jeenatara Begum.	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST

35	Biodiversity Loss and Emerging Infectious disease using Rodent borne Hemorrhage fevers	Kajal Das and Dipanjan Mandal	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
36	Review on comparative study of Pigmented and non-pigmented flowers having anti-cancer activity	Srija Sur and Dipanjan Mandal	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
37	Antibiotics misuse and adverse drug reactions in neuropathy	Kaustav Pal and Sumana Roy	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
38	Formulation of Herbal Hand Wash with plant extracts showing potent Antibacterial activity	Nisha Koley and Priyanka Ray	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
39	Biodiversity study of diatoms from ganga river water and residential pond water	Camellia Roy and Swati Chakraborty	Conservation of biodiversity and sustainable use of biological resources	National	1 st Sept. 2017 GNIPST
40	Determination of qualitative phytochemical properties of <i>Bacopa monnieri</i> leaves collected from a Ramsar site, EKW	S. Datta and S. Chakraborty	Advancement in Green Technology for Controlling and Managing Current Environmental Pollution, march 2018	National	22 nd - 23 rd March 2018 University of Kalyani
41	Optimization of chitosan producing bacteria from the soil sample of East Kolkata Wetland area and its antibacterial effect.	K. Firdous and S. Chakraborty	Advancement in Green Technology for Controlling and Managing Current Environmental Pollution, march 2018	National	22 nd - 23 rd March 2018 University of Kalyani

RESEARCH & DEVELOPMENT GRANT

- ✓ There is an ongoing AICTE funded Research Promotion Scheme (RPS) project in the institute under Dr. Lopamudra Datta.
- ✓ Dr. Swati Chakraborty received a grant of 20 lakhs from West Bengal DST for a Project titled **“Identification of heavy metal chromium and nickel tolerance bacteria to develop microbial biosensor and their role on secondary metabolite of medicinal plant *Bacopamonnieri* in metal contaminated soil of east Kolkata wetland.”**

Sl No	Name of faculty	Name of the Project	Name of the funding Agency	Total grant Received
1.	Mr. Samrat Bose	Spawning technique and evaluation of embryonic toxicity on zebra fish (<i>Denio rerio</i>) embryo by different anticoagulant preparations & food supplements	Guru Nanak Educational Trust	15000
2.	Mr. Dipanjan Mandal	Evaluation of combined effect of Methanolic Extract of <i>Tinosporacordifolia</i> & <i>Curcuma amada</i> on Streptozotocin.	Guru Nanak Educational Trust	15000
3.	Mr. Dipanjan Mandal	Ex vivo hepatoprotective activity of Sunflower seeds extract <i>Helianthus annuus</i> L. using goat liver as a model	Guru Nanak Educational Trust	15000
4.	Mr. Samrat Bose	Hepatoprotective activity on goat liver by ex vivo technique considering hydro alcoholic extract of <i>Lagenariasicerraria</i> (Molina)	Guru Nanak Educational Trust	15000
5.	Mrs. Jeenatara Begum	Formulation and evaluation of antiaging cream containing <i>Linum usitatimum</i> extract.	Guru Nanak Educational Trust	15000
6.	Mrs. Sumana Roy	Formulation and characterisation of Niacinamide loaded multiple emulsion	Guru Nanak Educational Trust	15000
7.	Mr. Debabrata Ghosh Dastidar	Preparation and characterisation of silver nanoparticles and silver nanoparticles loaded hydrogel	Guru Nanak Educational Trust	15000
8.	Mr. Jaydip Ray	Preparation and characterisation of sucralfate loaded nanoparticle	Guru Nanak Educational Trust	15000
9.	Mr. Debabrata Ghosh Dastidar	Preparation and evaluation of Dexamethasone loaded Self Emulsifying Drug Delivery System in form of Tablet	Guru Nanak Educational Trust	15000

10.	Dr. Prerona Saha	Pharmacophore modelling and derivatization of vitexin for its antidiabetic activity	Guru Nanak Educational Trust	15000
11.	Dr. Sriparna Kundu Sen	Pharmacophore design potential anticancer compound active against colon cancer.	Guru Nanak Educational Trust	15000
12.	Dr. Sriparna Kundu Sen	In vitro evaluation of bio-molecules active against chronic lead toxicity	Guru Nanak Educational Trust	15000
13.	Dr. Lopamudra Datta	Extraction of protein from <i>Macrotylomauniflorum</i> & evaluation of its antimicrobial activity	Guru Nanak Educational Trust	15000
14.	Dr. Sumana Chatterjee	Pharmacophore modelling of sulfonyl urea derivatives	Guru Nanak Educational Trust	15000

PH. D DETAILS

The following faculty members of the institute are already registered and are doing their research work at the institute itself.

LIST OF FACULTIES REGISTERED FOR Ph.D.				
SL. NO	NAME OF FACULTY	DATE OF JOINING	DEPT.	COLLABORATIVE INSTITUTE
1	Mr. Jaydip Ray	04/04/05	Pharmaceutical Technology	Siksha Anusandahan University, Orissa
2	Ms. Sumana Roy	04/09/2008	Pharmaceutical Technology	Maulana Abul Kalam Azad University of Technology .
3	Ms. Anuranjita Kundu	04/09/2008	Pharmaceutical Technology	Maulana Abul Kalam Azad University of Technology .
4	Mr. Abir Koley	01/07/2011	Pharmaceutical Technology	Maulana Abul Kalam Azad University of Technology .
5	Mr. Soumya Bhattacharya	01/07/2011	Pharmaceutical Technology	Maulana Abul Kalam Azad University of Technology .
6	Ms. Priyanka Ray	18/10/2011	Pharmaceutical Technology	Maulana Abul Kalam Azad University of Technology .

The following faculty member of the institute has submitted his PhD thesis and is awaiting award of degree.

SL. NO	NAME OF FACULTY	DEPT.	COLLABORATIVE INSTITUTE WITH ENROLMENT DATE	AREA OF RESEARCH
1	Mr. Debabrata GhoshDastidar	Pharmaceutical Technology	Calcutta University	Application of Nanoparticles in Cancer.

LIBRARY BOOKS & JOURNALS

There are total of 1169 titles and 9241 volumes present in the library. The institute subscribes 16 national journals and 97 international journals.

STATISTICS OF LIBRARY & INFORMATION SERVICES		
Particulars	Details	
No. of Titles (course-wise) in the College Library	Pharmaceutical Technology	1441
No. of Volumes (course-wise) in the College Library	Pharmaceutical Technology	11116
No. of National Journals (course-wise) in the College Library	Pharmaceutical Technology	13
No. of International Journals (course-wise) in the College Library	International Journals 91	
No. of E-Journals (course-wise) in the College Library	Total 91 (BENTHAM- 23, DELNET-68)	
Reading Room's seating capacity for the number of students	96	
Multimedia PCs for Digital Library / Internet Surfing capacity for the number of students in reading room	11 PCs	

Details of E-journals renewal

The Institute renewed subscription of E-journals like STM, NISCAIR, BENTHAM, DELNET

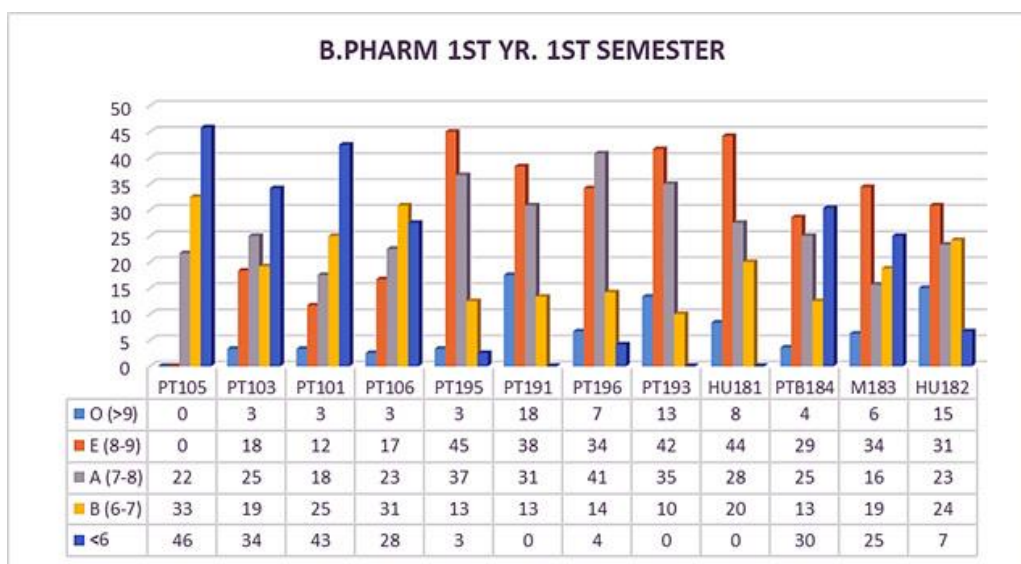
Name of the E-Journal/ Software	Renewal	Approx. Price (Rs)
NISCAIR	2017-2018	36900
BENTHAM	2017-2018	102240
DELNET	2017-2018	13570

STUDENT RELATED INFORMATIONS

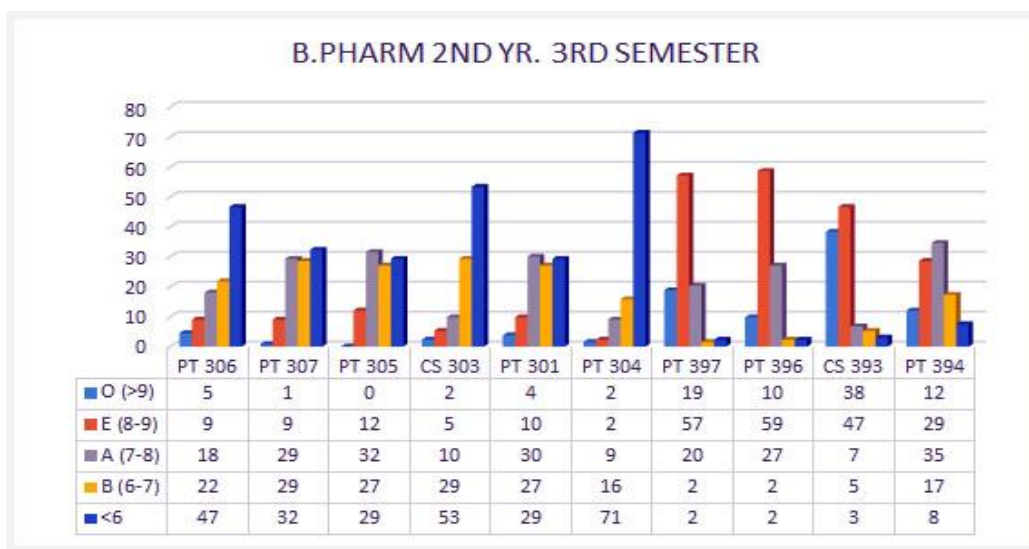
ADMISSION DATA

- A total of 105 students took admission in B. Pharm through West Bengal Joint Entrance Examination (WBJEE), Joint Entrance Examination (Main) [JEE (Main)] and Common Entrance Examinations- Association of Minority Professional Institutes (CEE-AMPAI).
- A total of 44 students took admission in M.Pharm through GPAT and Post Graduate Entrance Test (PGET) organized by West Bengal University of Technology (WBUT).

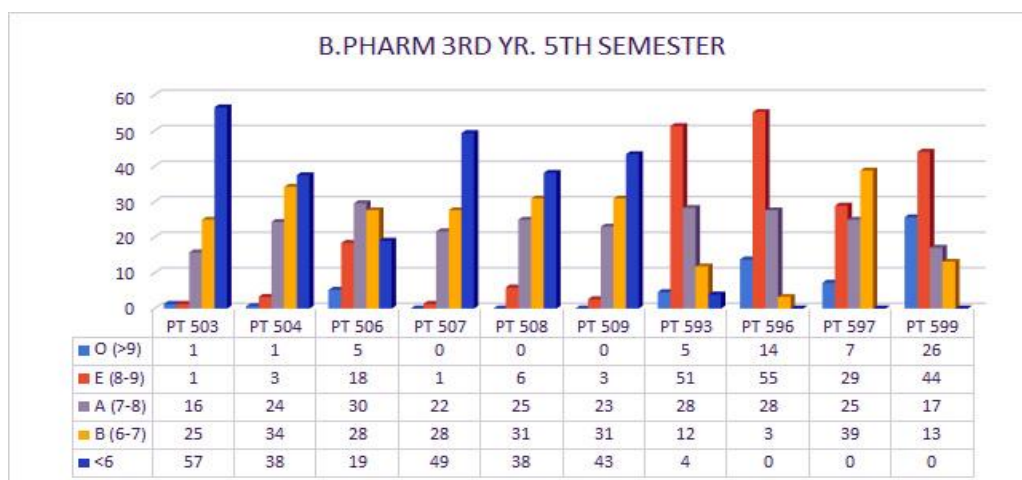
SUBJECT WISE RESULT ANALYSIS (ODD Semester)



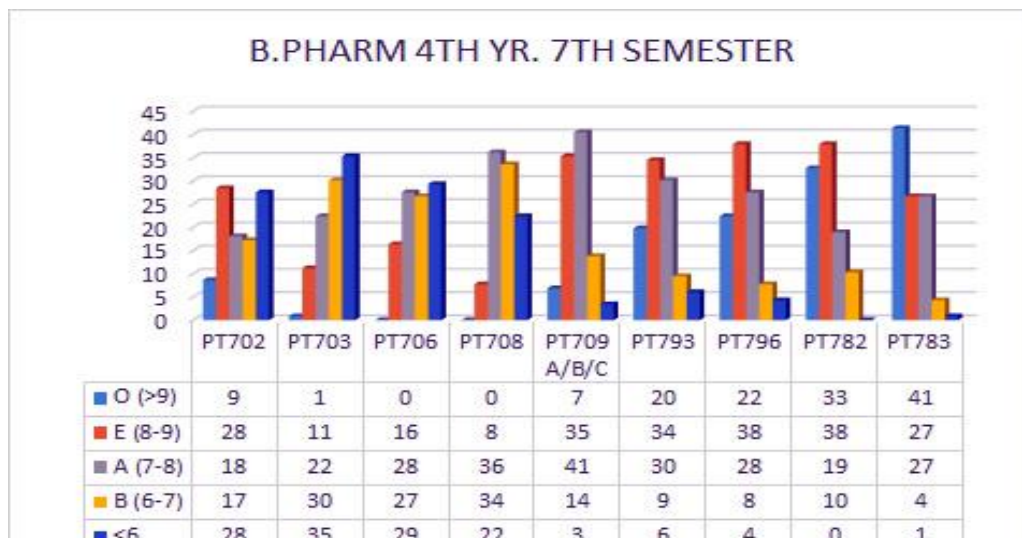
- PT105 : Human Anatomy and Physiology I;
- PT101 : Pharmaceutical Analysis I;
- PT106 : Pharmaceutics I;
- PT103 : Pharmaceutical Inorganic Chemistry;
- PT195 : Human Anatomy and Physiology – Practical;
- PT191 : Pharmaceutical Analysis I – Practical;
- PT196 : Pharmaceutics I – Practical;
- PT193 : Pharmaceutical Inorganic Chemistry – Practical;
- HU181 : Communication skills – Theory;
- PTB184/ M183 : Remedial Biology/ Remedial Mathematics – Theory;
- HU182 : Communication skills – Practical;
- PTB185 : Remedial Biology – Practical



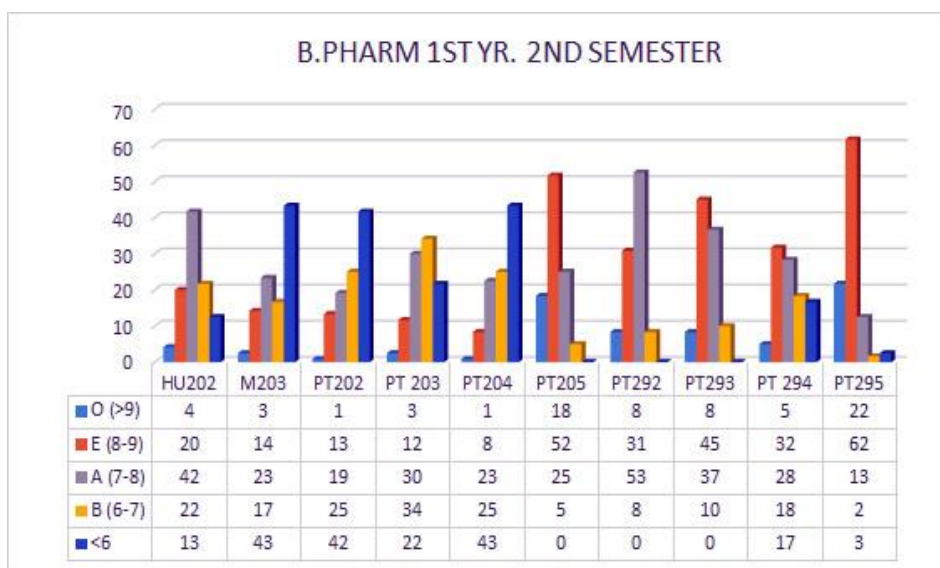
- PT304 : Pharmaceutical Chemistry (Organic Chemistry);
- PT301 : Pharmaceutical Analysis;
- PT306 : Pharmaceutics (Physical Pharmacy);
- PT307 : Pharmaceutical Engineering;
- CS303 : Basic Electronics & Computer Application;
- PT305 : Anatomy, Physiology & Health Education;
- PT394 : Pharmaceutical Chemistry (Organic Chemistry) Lab;
- PT391 : Pharmaceutical Analysis Lab;
- PT396 : Pharmaceutics (Physical Pharmacy) Lab;
- PT397 : Engineering Drawing Lab;
- CS393 : Basic Electronics & Computer



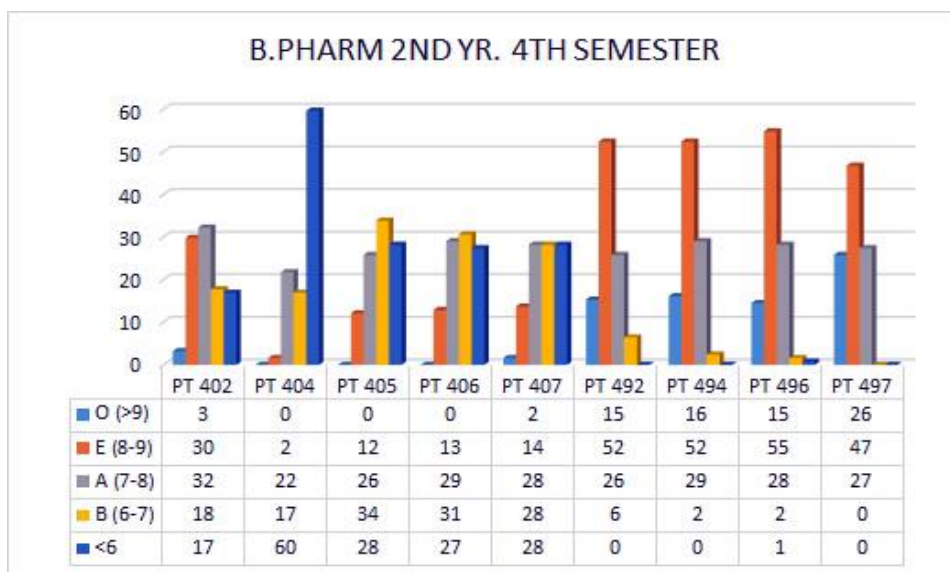
- PT506 : Pharmaceutics (Pharmaceutical Technology);
- PT508 : Pharmacology;
- PT509 : Pharmaceutical Microbiology;
- PT503 : Pharmaceutical Chemistry (Medicinal Chemistry);
- PT507 : Pharmaceutical Engineering;
- PT504 : Pharmaceutical Chemistry (Bio-Chemistry);
- PT596 : Pharmaceutics (Pharmaceutical Technology) Lab;
- PT597 : Pharmaceutical Engineering Lab;
- PT599 : Pharmaceutical Microbiology Lab;
- PT593 : Pharmaceutical Chemistry (Medicinal Chemistry) Lab



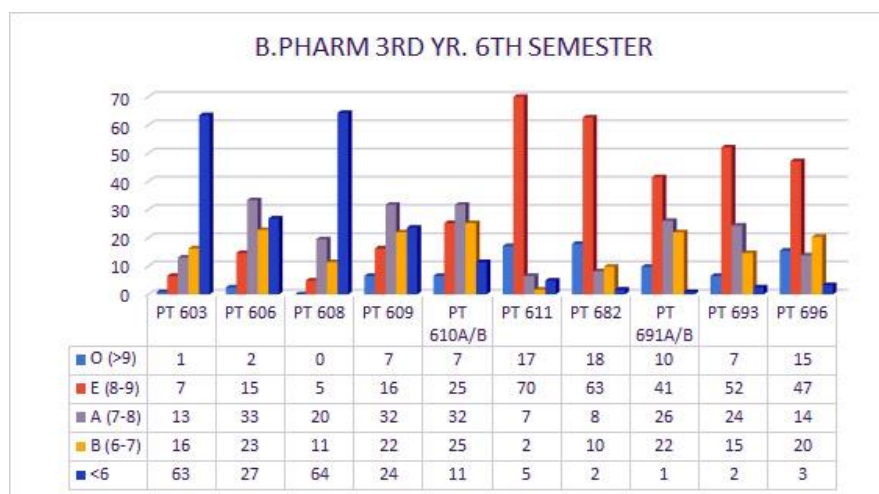
- PT706 : Pharmaceutics (Pharmaceutical Technology);
- PT703 : Pharmaceutical Chemistry (Medicinal Chemistry);
- PT702 : Pharmacognosy;
- PT708 : Pharmacology;
- PT 709A/B/C : Packaging Technology/ Advanced Pharmacognosy/
Pharmaceutical Marketing Management.
- PT796 : Pharmaceutics (Pharmaceutical Technology) Lab;
- PT793 : Pharmaceutical Chemistry (Medicinal Chemistry) Lab;
- PT783 : Project;
- PT782 : Seminar on assigned topic

SUBJECT WISE RESULT ANALYSIS (EVEN Semester)


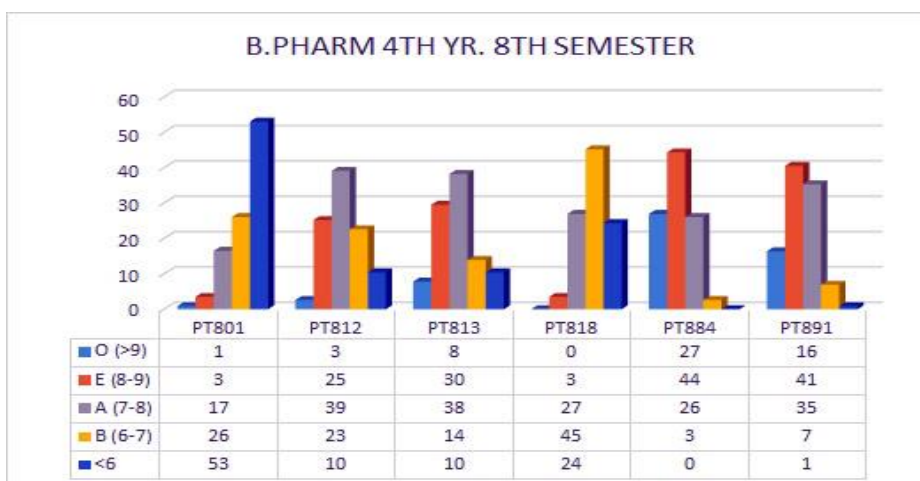
- PT205 : Human Anatomy and Physiology II;
- PT203 : Pharmaceutical Organic Chemistry I;
- PT204 : Biochemistry;
- PT207 : Pathophysiology;
- PT202 : Pharmacognosy and Phytochemistry I;
- PT292 : Human Anatomy and Physiology II Lab;
- PT293 : Pharmaceutical Organic Chemistry I Lab;
- PT294 : Biochemistry Lab;
- PT292 : Pharmacognosy and Phytochemistry I Lab;
- HU282 : Environmental sciences



PT406 : Pharmaceutics (Pharmaceutical Technology-I);
 PT404 : Pharmaceutical Chemistry (Bio-Chemistry);
 PT405 : Physiology;
 PT407 : Pharmaceutical Engineering;
 PT496 : Pharmaceutics (Pharmaceutical Technology-I) Lab;
 PT492 : Pharmacognosy Lab;
 PT497 : Pharmaceutical Engineering Lab;
 PT494 : Pharmaceutical Chemistry (Bio-Chemistry) Lab

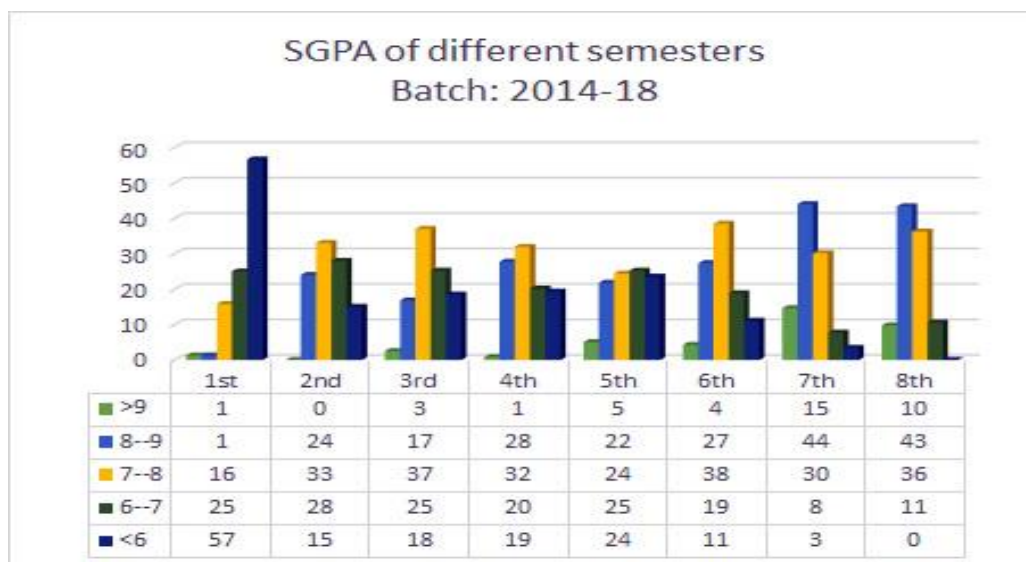


- PT603 : Pharmaceutical Chemistry (Medicinal Chemistry);
- PT606 : Pharmaceutics (Pharmaceutical Technology);
- PT61 : Pharmaceutics (Bio-Pharmaceutics & Pharmacokinetics); P
- T608 : Pharmacology;
- PT609 : Pharmaceutical Bio-Technology & Industrial Micro-Biology;
- PT610A/B : Computer Application in Pharmaceutical Technology And In
Clinical Pharmacy and Advanced Pharmaceutical Biotechnology;
- PT693 : Pharmaceutical Chemistry (Medicinal Chemistry) Lab;
- PT696 : Pharmaceutics (Pharmaceutical Technology) Lab;
- PT697 : Pharmaceutics (Bio-Pharmaceutics & Pharmacokinetics) Lab;
- PT698 : Pharmacology Lab;
- PT691A/B : Computer Application In Pharmaceutical Technology And In Clinical
Pharmacy, Advanced Pharmaceutical Biotechnology



- PT812 : Pharmaceutical Industrial Management;
- PT813 : Pharmaceutical Jurisprudence & Ethics;
- PT818 : Hospital Pharmacy & Clinical Pharmacy;
- PT801 : Pharmaceutical Analysis;
- PT891 : Pharmaceutical Analysis;
- PT884 : Viva-Voce

CONTINUOUS IMPROVEMENT OF PASS OUT BATCH OF 2018



SUMMER TRAINING (2017-18)

A total of 105 students of B. Pharm. did their summer training in different reputed Pharmaceutical companies both within and outside the state of West Bengal. The list is as following-

Summer Training		
Sl. No	Name of the company	No of Student
1	ALBERT DAVID LIMITED	07
2	EAST INDIA PHARMACEUTICAL WORKS LTD	06
3	CAPLET INDIA PRIVATE LIMITED	33
4	GLUCONATE HEALTH LTD	27
5	STADMED PVT LTD	15
6	DEY'S MEDICAL STORE (MANUFACTURING) LIMITED	07
7	A.N.PHARMACIA LABORATORIES PVT LTD	01
8	STANDARD PHARMACEUTICAL LTD	06
9	JUPITER PHARMACEUTICALS LIMITED	03
	TOTAL	105

PLACEMENT RECORDS (2017-18)

The Training and Placement Cell of the Institute organized different on and off Campus interviews over the year. Forty-Eight students were placed in different companies in this academic year. The list is as following :

Sl No.	Company Name	Number of students selected
1	FRESENIUS KABI	04
2	CIPLA	04
3	BIOLOGICAL E. LIMITED (BIO EVENS)	02
4	SUN KNOWLEDGE PVT LTD	01
5	GLAXOSMITHKLINEPHARMACEUTICAL COMPANY	03
6	SPARSH INDIA PRIVATE LIMITED	01
7	CENTAUR PHARMACEUTICALS	01
8	US TECH SOLUTION	04
9	MEDICA SUPERSPECIALTY HOSPITAL	01
10	NESTLE INDIA	01
11	COGNIZANT (CTS)	01
12	J B CHEMICALS AND PHARMACEUTICALS LTD	01
13	LA CHEMICO PVT LTD	01
14	SISHUMANGAL HOSPITAL	01
15	SBL PVT LTD	01
16	GOVT. PHARMACIST	01
17	NOVARTIS	01
18	EMCEE PHARMACEUTICALS	01
19	MICRO LABS	01
20	OPTIVAL HEALTH SOLUTIONS PVT LTD	09
21	APOLLO PHARMACY	08
Total		48

Total number of students : 105
 Total number of students appeared for interview : 87
 Total number of students went for Post Graduate Studies : 57

INDUSTRY VISIT

GNIPST organized an industrial tour in Sikkim. 57 number of students (38 Males & 19 Females) studying B. Pharm final year and 3 numbers of Faculty Members (Asst. Professor) comprising of 2 male teachers and 1 female teacher of Guru Nanak Institute of Pharmaceutical Science and Technology, visited two renowned Pharmaceutical Industry of Rangpo, Sikkim (i.e Alkem Laboratories Ltd and CIPLA Golden Cross Pharma Pvt Ltd.) on 2nd and 3rd February, 2018.



SEMINAR / WORKSHOP ATTEND BY STUDENTS

The B. Pharm., M. Pharm. and research students presented their works at different conferences and seminars. The list is given below.

Sl No.	Title of the Abstract	Authors' Names	Title / Theme of the Conference/Seminar	Date And Venue
1	Phytochemical and Pharmacological Investigation of An Indigenous Medicinal Plant <i>Leucas aspera</i> and Anti-Angiogenic and Pro-Apoptotic activity of aqueous extract of <i>Leucas aspera</i> in Cam Assay-A Review	Suprobhat Bhattacharjee Samrat Bose.	4 th Convention for SFE, India National Symposium Ashwagandha & Ethnopharmacological Conclave	9-10 Sept. 2017 Jadavpur University, Kolkata
2	Vitexin: A potential Flavone Glycoside	Tania Karmakar, Prerona Saha	4 th Convention for SFE, India National Symposium Ashwagandha & Ethnopharmacological Conclave	9-10 Sept. 2017 Jadavpur University, Kolkata
3	Antiangiogenic effect of Tomato skin extract on Zebra fish embryo- A Review	Susmi Sen Samrat Bose	4 th Convention for SFE, India National Symposium Ashwagandha & Ethnopharmacological Conclave	9-10 Sept. 2017 Jadavpur University, Kolkata
4	Ant diabetic Flavonoids	Tandrima Chatterjee, Prerona Saha	4 th Convention for SFE, India National Symposium Ashwagandha &	9-10 Sept. 2017 Jadavpur University, Kolkata

			Ethnopharmacological Conclave	
5	Comparative phytochemical analysis of <i>Thevetia peruviana</i> flowers and fruits collected from Serampore, DistHoogly, West Bengal	Monikarna Datta, Soumya Bhattacharya	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
6	Comparative evaluation of floating tablet and its modification to bilayer dosage form	Rashmita Biswas, Moumita Chowdhury	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
7	Review on the development and evaluation of floating drug delivery system	Moutan Roy, Anuranjita Kundu	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
8	Effect of Anti-angiogenic agent in Teratogenicity	Arpita Nath, Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
9	Pathophysiological role of Zika Virus and its Latest treatment- A review	Supratim Das, Samrat Bose	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
10	Review on utilization of caffeine in cosmetic products	Shreya Banerjee, Soumya Bhattacharya	National Seminar on Clinical research in recent	22 nd Nov. 2017 Jadavpur University,

			pharmaceutical sciences	Kolkata
11	Preparation of Floating gel beads of Niacinamide by emulsion gelation technique	Swagata Pal, Jeenatara Begumand Abhijit Sengupta	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
12	Recent Advancement in Angiogenesis Assembly using Zebrafish model	ReemiGupta, Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
13	Review on different strains of Laboratorial animal used in anti-diabetic model	Sneha Bag, Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
14	Review on comparative study of pigmented and non-pigmented flowers having anti-diabetic activity	Srija Sur, Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
15	A Revolution in drug delivery: Silver nanoparticles	Tanmoy Maji Moumita Chowdhury	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
16	A review on synthesis of Quercetin Analogues by different synthetic methods	Saikat Sen, Sriparna Kundu Sen and Sumana Chatterjee	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata

				Kolkata
17	Recent Establishment of Novel Zebra Fish model for Anti-Diabetic activity	Sathi Paul and Dipanjan Mandal	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
18	Preparation of sunscreen gel from <i>Daucus carota</i>	Tanaya Palit, Priyanka Ray and Swati Abat	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
19	Review on Anti-microbial activity of <i>Punicagranatum</i> Linn. Extract against oral microorganisms	Swati Abat, Tamalika Chakraborty and Tanaya Palit	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
20	Comparative study of Antimicrobial activity of ethanolic extract of <i>Catharanthus roseus</i> leaf: A review	Susmita Roy, Jeenatara Begum and Abhijit Sengupta	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
21	Formulation and characterization of Niacinamide loaded multiple emulsion	Souvik Das and Sumana Roy	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
22	Porous Microsphere	Sourabh Saha, Debabrata Ghosh Dastidar	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata

				Kolkata
23	Solid Lipid Micro particles	Shriya Ray, Debabrata Ghosh Dastidar	National Seminar on Clinical research in recent pharmaceutical sciences	22 nd Nov. 2017 Jadavpur University, Kolkata
24	Formulation and Evaluation of Bi-layer Floating Tablet	Rashmita Biswas, Moumita Chowdhury	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
25	Comparative analysis of Conventional and microwave assisted Chemical Analysis	Saikat Sen, Sriparna Kundu Sen and Sumana Chatterjee	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
26	Floating Gel Beads	Swagata Pal and Jeenatara Begum	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
27	Kaempferol and its anti- diabetic effect	Tandrima Chatterjee and Prerona Saha	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
28	A Review on use of Biological Resources to Modulate Angiogenesis	Arpita Nath, Dipanjan Mandal and Abhijit Sengupta	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
29	Determination of Pollutants in atmosphere by the	Tilotama Bhattacharya, Dipanjan	Conservation of biodiversity and sustainable use of	1 st Sept. 2017

	toxicological study using the Zebra Fish Model	Mandal and Abhijit Sengupta	biological resources	GNIPST
30	Effect of Biodiversity in Acquired Immune System	Puja Adhikary, Samrat Bose	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
31	Review on Gums and Mucilage: Excipients for Novel Drug Delivery System	Sushmita Roy, Jeenatara Begum	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
32	Herbal Anti-Aging Cream	Poulami Das, Jeenatara Begum.	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
33	Biodiversity Loss and Emerging Infectious disease using Rodent borne Hemorrhage fevers	Kajal Das, Dipanjan Mandal	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
34	Review on comparative study of Pigmented and non-pigmented flowers having anti-cancer activity	Srija Sur, Dipanjan Mandal	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
35	Antibiotics misuse and adverse drug reactions in neuropathy	Kaustav Pal, Sumana Roy	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST

36	Formulation of Herbal Hand Wash with plant extracts showing potent Antibacterial activity	Nisha Koley, Priyanka Ray	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST
37	Biodiversity study of diatoms from ganga river water and residential pond water	Camellia Roy, Swati Chakraborty	Conservation of biodiversity and sustainable use of biological resources	1 st Sept. 2017 GNIPST

STUDENTS ACHIEVEMENT

ACADEMIC ACHIEVEMENT

The students of GNIPST appeared in Graduate Pharmacy Aptitude Test (GPAT), Post Graduate Entrance Test (PGET) conducted by Maulana Abul Kalam Azad University of Technology. The following students qualified GPAT 2018 examination.

SL. NO.	NAME	STUDENT STATUS
1	ANINDYA SUNDAR DAS	GPAT (M.PHARM) Guru Jambheshwar University Haryana
2	ANKIT CHOWDHURY	BIT MESRA M.PHARM
3	ARNAB SARKAR	GPAT (JU, M.PHARM)
4	AVINANDA DEY	GPAT (NIPER MOHALI)
5	AVISHEK GUCHHAIT	M.PHARM (Punjab)
6	DEBOSMITA DATTA	M.PHARM, JSS College of Pharmacy
7	DEEP ROHAN CHATTERJEE	GPAT (NIPER, Ahmedabad)
8	DIPAN CHATTERJEE	MPHARM (GNIPST)
9	GAURAV SAMAJDAR	MPHARM (GNIPST)
10	HIMADRI PODDAR	MPHARM (GNIPST)
11	INDRAJIT THAKUR	GPAT (NIPER, Mohali)
12	ISANI DUTTA	M.PHARM (GNIPST)
13	JAYITA ROY	M.PHARM (GNIPST)
14	KARTICK KOLEY	M.PHARM (GNIPST)
15	KAUSTAV PAL	GPAT(BIT MESHRA)
16	MAUTAN RAY	MPHARM (NSHM)
17	NEHA DAS	MPHARM (DELHI, Guru Jambheshwar University Haryana)
18	NILANJANA GHOSH	M.PHARM (BIT MESHRA)
19	PRIYANKA KUMARI	M.PHARM (GNIPST)

20	RASHMITA BISWAS	GPAT, NIPER, Hyderabad
21	RITUSHREE BAG	MPHARM (GNIPST)
22	ROUNAK DAS	M.PHARM(GNIPST)
23	SABNAM PARVEEN	M.PHARM (BIT MESHRA)
24	SASWATA MUKHERJEE	M.PHARM (GNIPST)
25	SAYAN CHATTERJEE	M.PHARM(GNIPST)
26	SHOUVIK KUMAR DEBNATH	M.PHARM (RAMAIAH COLLEGE)
27	SHREYA BANERJEE	M.PHARM (RAMAIAH COLLEGE)
28	SK. MD. HARUN	M.PHARM (GNIPST)
29	SNEHA BAG	MPHARM (GNIPST)
30	SRIJA SUR	MPHARM (Banasthali Vidyapith,Rajasthan)
31	SRIJANI BISWAS	M.PHARM (GNIPST)
32	SUCHARITA CHOUDHURY	M.PHARMA (RAMAIAH COLLEGE)
33	SUMANA DAS	M.PHARM(NSCBIP)
34	SUMEL ASHIQUE	MPHARM (ISS COLLEGE OF PHARMACY)
35	SUPRATIM DAS	MPHARM (ISS COLLEGE OF PHARMACY)
36	SUSMITA ROY	MPHARM (B C ROY PHARMACY COLLEGE)
37	SUTIRTHA DAS	MPHARM(GNIPST)
38	SWAGATA BAKSHI	GPAT, M.PHARM,NSHM
39	SWAGATA PAL	M.PHARM (GCTS)
40	SWEETY PRASHANT	M.PHARM (OUT OF WB)
41	TANIA KHATOON	M.PHARM(NSCBIP)
42	TANMOY MAJI	MPHARM(GNIPST)
43	TRISHA SEN	M.PHARM(NSCBIP)
44	AVINASH KUMAR	M.PHARM (RAMAYA COLLEGE)
45	KOUSHIK DUTTA	MPHARM (GNIPST)
46	MD. ASIF	M.PHARM (LUCKNOW)
47	NASIMA AKTAR	MPHARM (GNIPST)
48	PARTHA SARKAR	MPHARM (GNIPST)
49	SHREYA BANIK	MBA (BHARATIA VIDYA BHABAN)
50	SOMA GHOSH	M.PHARM(GNIPST)
51	SRIJON MAJUMDER	M.PHARM (NSHM)

Students of GNIPST were awarded for excellent poster presentation in different National seminars.

SL NO	NAME OF THE CONFERENCE/ SEMINAR	DATE	ORGANIZED BY	WINNERS OF POSTER COMPETITION
1.	International Seminar on Global Advancement in Pharmaceutical Research and Start up	22 nd October 2017	IPGA and GNIPST	1 st Position Sushmita Datta 2 nd Position Sampita Pal 3 rd Position Reemi Gupta
2.	National Seminar on Conservation of Biodiversity and Sustainable use of Biological resources.	1 st September 2017	GNIPST and West Bengal Biodiversity Board	1 st Position- Rashmita Biswas 2 nd Position- Nilanjan Ray 3 rd Position- Moumita Mitra
3.	Clinical Research in Recent Pharmaceutical Sciences	22 nd November 2017	IPGA and GNIPST	2 nd Position: Sourav Saha 3 rd Position: Nilayan Guha

Following students were awarded **Gold medal and Silver medal** for their excellent academic performance:

Name	CGPA	Award
MOUMITA BASAK	9.52	Gold medal
ANNESHA DUTT	9.45	Silver medal

EXTRACURRICULAR ACTIVITIES



Mr. Sakshar Saha, M. Pharm 2nd year Student was the winner of West Bengal State Round National Elocution Competition (NEC, 2017) organized by Indian Pharmaceutical Association, Education Division. He was selected for the Final round of the competition in Indian Pharmaceutical Congress, 2017. We congratulate him for securing 5th position in the said competition.

MAKAUT INTER COLLEGE FOOTBALL TOURNAMENT



GNIPST won the MKAUT Inter College Zone III Football Championship organized by JIS College of Engineering held on 4th, 5th & 6th of November, 2017.

MAKAUT BADMINTON CHAMPIONSHIP 2017-18



Badminton Tournament Zone 3 was organized on 21st & 22nd February, 2018 at Techno India Engineering College playground. Girls team became the champion and boys team won the runners up title.

GNIPST ANNUAL FOOTBALL TOURNAMENT.



On 14th and 16th October 2017 GNIPST organized Intra college football tournament. Champion: B. Pharm 3rd year team. Runner up: B. Pharm 1st year team. Man of the match was Mainak Paul (B. Pharm 1st year)

GNIPST ANNUAL SPORTS MEET 2017-18



On 4th and 5th January 2018, GNIPST organized **Annual Sports Meet**.

Flat Race 100 m for Boys : 1st: Abu Sufian 2nd: Debojyoti Ganguly 3rd: Pijush Kanti Pal

Flat Race 100 m for Girls : 1st: Moutan Roy 2nd: Ayesha Khatun 3rd: Swagata Roy
Flat Race 200 m for Boys : 1st: Maruf Billa Akunji 2nd: Abu sufian 3rd: Arnab Ghosh
Flat Race 200 m for Girls : 1st: Shruti Hazra 2nd: Isha Chakrabarty 3rd: Ayyesha Khatun

3 Legged Race : 1st: Ayesha Khatun Najia Hasan 2nd: Swagata Roy Jayita Dey 3rd:
 Kavita Bharti Jyoti Yadav

Long Jump for Boys : 1st: Maruf Billa Akunji 2nd: Abu Sufian 3rd: Suman Ghosh.

Long Jump for Girls : 1st: Najia Hasan 2nd: Ayesha Khatun 3rd: Nandini Chaturvedi

Shot put for Boys : 1st: Nasim Shain 2nd: Subham Das 3rd: Soujonno Chakrabarty

Shot put for Girls : 1st: Suchismita Mukherjee 2nd: Jayita Roy 3rd: Anamika Jha

Discuss throw for Boys : 1st: Asif Iqbal 2nd: Arnab Sarkar 3rd: Sumit Mazumdar

Discuss throw for Girls : 1st: Madhurima Maity 2nd: Mouli Sarkar 3rd: Amrita Basak

Sack Race 50 m for Boys	: 1st: Maruf BillaAkunji 2nd: Kartick Koley 3rd: ShiladityaPramanick
Relay Race (4x200 m) for Boys	: Maruf BillaAkunji Abu Sufian Arnab Ghosh PijushKanti Pal
Relay Race (4x100 m) for Girls Saha	: Winner: Amrita Basak Kavita Bharti Jyoti Yadav Chandrima
Balance Race 100 m for Girls	: 1st: Ayesha Khatun 2nd: Moutan Roy 3rd: Aiswarya Roy
Tug of War (Boys) Chowdhury Arnab Sarkar	: Arnab Mondal Arnab Chakrabarty Asif Iqbal Ankit
Tug of War (Girls) Mukherjee Asrofi Khanom	: Neha Sarkar Aiswarya Roy, Shruti Hazra, Suchismita
Basket The Ball for Boys	: 1st: Subhajit Dhal 2nd: Debjyoti Gnaguly 3rd: Monojit Dutta
Basket The Ball for Girls: Chaturvedi	: 1 st Suchismita Mukherjee 2nd: Nazia Hasan 3rd: Nandini
Balance Race for Female Staff Chakraborty	: 1st: Dr. Lopamudra Dutta 2nd: Priyanka Ray 3rd: Tamalika
Hari Bhanga for Female Staff Tamalika Chakraborty	: 1 st Moumita Chowdhury 2nd: Shreya Bhanja Chowdhury 3rd:
Tug of War (Faculty & Staff)	: Winner Dr. Sumana Chatterjee Dr. Sriparna Kundu Sen Amit Kumar Das Koushik Sen Dipanjan Mandal Tamalika Chakrabarty Priyanka Ray Shreya Bhanjchoudhury, Ziaur Rahaman, Sourav Sarkar, Ranesh Das, Biplab Mukherjee

GNIPST ANNUAL CRICKET TOURNAMENT



On 6th and 8th January, 2018 GNIPST organized Intra college cricket tournament. Champion: B. Pharm 3rd year team. Runner up: B. Pharm 4th year

CULTURAL EVENTS 2017-18

Date	Name of the Event	Venue	Brief Description	Remarks
04/09/2017	Fresher's Welcome	College Auditorium	The Programme started with an Inaugural Speech by Dr. Abhijit Sengupta. A cultural programme followed with interaction between the fresher students and existing students. Finally Mr. and Miss Fresher were awarded.	309 students were present.
05/9/2017	Teacher's Day	College Auditorium	The Programme started with an Inaugural Speech by Dr. Lopamudra Datta. This was followed by cultural programme by the students and interactive sessions between the students and the faculty members of the college.	About 250 students were present
18/10/2017	Post puja Celebrations	College Auditorium	The programme was inaugurated by Dr. Abhijit Sengupta. The Students presented a dance recital on the ten forms of Goddess Durga and presented a play.	About 250 students were present.
11/02/2018	Reunion (Reminiscence)	College Lobby	The Programme was organized by current B. Pharm 4 th year students. The Programme was inaugurated by Dr. Abhijit Sengupta. The Students held an interactive session with the ex- students of different batches. A short cultural Programme was also organized.	About 75 former students of the College gathered for this programme.

27-28 Feb 2018	Cultural Fest 2018	College ground	<p>The Programme was organized by the students of GNIPST. Various inter and intra college competitions were held such as painting, photography, rangoli, antakshari, fashion show etc.</p> <p>Two celebrity bands were invited for performing on each day.</p>	About 300 students were present.
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GLIMPSE OF THE CULTURAL EVENTS OF 2017-18

STUDENTS OF GNIPST ORGANIZED THE TEACHER'S DAY ON 5.9.18.



THE POST PUJA CELEBRATION



Post Puja celebration took place in the college auditorium. The students decorated the college lobby with Rangoli and Candle. The sky lanterns were lighted in the college campus ground.

REMINISCENCE 2018 (REUNION)



The reunion programme was organized on 11.2.2018 by Current B. Pharm 4th year students. The Programme was inaugurated by Dr. Abhijit Sengupta. About 75 former students of the College gathered at this event.

COLLEGE FEST (IRIS 2018)



The college fest organized by GNIPST conducted many Inter and Intra college competitions such as painting, photography, Rangoli, Antakshari, fashion show, etc. Two celebrity bands were invited for performing on each day.

FAREWELL OF FINAL YEAR STUDENTS



The farewell program was organized on 4.5.18. The junior students invited all the senior outgoing students in the farewell function. A laminated group photo of their batch was gifted as a token of love. Many of the outgoing students became the member of GNIPST ALUMNI association.

GNIPST -STUDENT LIFE CENTRE

Guru Nanak Institute of Pharmaceutical Science and Technology has proudly constituted Student Life Centre with immediate effect. Student Life Centre aims at all round development of students by organizing several extracurricular activities throughout the year by various clubs at the college campus. Through STUDENT LIFE CENTRE, there will be a steady growth in students' participation at various levels, where they will get an opportunity to demonstrate their skills and talents in the fields of sports, dance, music, photography, social service etc.

Objective: Assisting the student for exploring their innovativeness & activities related to various technological and non-technological aspects in order to enhance their hidden talent and creativity.

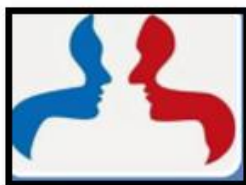
The Clubs under SLC are as follows:



Cultural Club



Eco club



**Debate and
Extempore Club**



Social service club



**Innovative and
Scientific Modelling club**



**Literary and
painting club**



Photography Club



Sports club



Cultural Club

Coordinator: Ms. Priyanka Ray, Assistant Prof., GNIPST

Objectives: To inculcate the cultural values amongst the students by providing them a platform to nurture their talents in different cultural activities.

Glimpses of Activities





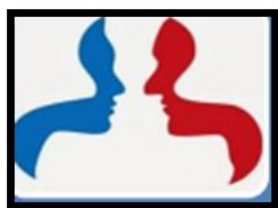
Eco club

Coordinator: Ms. Priyanka Ray, Assistant Prof., GNIPST

Objectives: Organize tree plantation programmes, awareness programmes such as Quiz, essay, painting competitions, rallies etc. regarding various environmental issues and educate children about re-use of waste material &

Glimpses of Activities





Debate and Extempore Club

Coordinator: Mr. Soumya Bhattacharya, Assistant Prof., GNIPST

Objectives: To create a discussion arena in which students develop proficiencies based on educational and communication knowledge and critical thought.

Glimpses of Activities





Social service club

Coordinator: Mr. Jaydip Ray, Assistant Prof., GNIPST

Objectives: Participation of social welfare activities to make commitment to the value of social work and ethics in professional practices.

Glimpses of Activities





Coordinator: Mr. Samrat Bose, Assistant Prof., GNIPST

Objectives: To provide hands on / practical learning and engagement in the process of Pharmaceutical science, technology and innovation.

Innovative and Scientific Modelling club

Glimpses of Activities





Literary and painting club

Coordinator: Ms. Jeenatara Begum, Assistant Prof., GNIPST

Objectives:

To improve Literary skill through routine monitoring and practice. Encourage the Student's talent of the college and develop their creative skills.

To Provide the right platform to showcase their talents.

Glimpses of Activities





Photography Club

Coordinator: Ms. Prapti Chakraborty, Assistant Prof., GNIPST

Objectives: Photography, a strong medium of mass communication is considered a passion for some and profession for a few. This club aims to encourage interest in photography and help the interest.

Glimpses of Activities





Sports club

Coordinator: Mr. Debabrata Ghosh Dastidar, Assistant Prof., GNPST

Objectives: To imbibe the sports-man-spirit within the students and to make them mentally and physically fit.

Glimpses of Activities

