



ANNUAL REPORT 2014-15

*GURU NANAK INSTITUTE OF
PHARMACEUTICAL SCIENCE AND
TECHNOLOGY*



157/F NILGUNJ ROAD, PANIHATI, SODEPUR, KOLKATA, WEST BENGAL.

PIN-700114

www.gnipst-pc.ac.in

1) Principal's Message:



It is my privilege to warmly welcome you to this great institution 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, 460 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

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PROGRESS AT A GLANCE (2014-2015)

- The Institute was awarded “Best College” in the “**Non-Engineering College Category**” at JIS Samman, 2015.
- Dr. Abhijit Sengupta was awarded “**Best Principal**” at “JIS Samman,2015.”
- Mr. Debabrata Ghosh Dastidaar and Dr. Swati Chakraborty were awarded with “**Best Faculty**” award at JIS Samman, 2015.
- Mr. Abhik Paul, student of the outgoing batch of 2014-15, was awarded “**College Blue**” at JIS Samman, 2015; based on his overall performance in both curricular and extra-curricular activities.
- **Twelve sponsored projects** are being executed by the faculty members presently.
- The institute organized a one day refresher course titled “**Cell Based Assay As Alternative To Pharmacological Models**” on 30th January, 2015.
- The faculty members of the Institute have publication and acceptance of **6 papers in peer-reviewed journals** and also published **18 research papers in proceedings of national and international conferences** in 2014-15.
- Faculty members acted as reviewers for **3 peer-reviewed journals** like Pharmaceutical Biology, Journal of Ethnopharmacology etc.
- A total of **seven workshops/ seminars/ refresher courses** were organized by the Institute for the period of 2014-15.
- **Five** faculty members attended **AICTE sponsored Quality Improvement Program**.
- The faculty members of the institute have attended a number of workshops, national and international conferences.
- The Institute has initialized the procedures of formation of an “**Incubation Centre**” and a “**Drug Testing Laboratory**”.
- **Collaborative Research** activities are being carried out with Jadavpur University, Stadmed Pharmaceuticals, Janata Dairy, Hash Technologies etc.
- A total of 100 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).

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- A total of 13 students took admission in M.Pharm through GPAT and Post Graduate Entrance Test (PGET) organized by West Bengal University of Technology (WBUT). Five students took admission in M .Pharm(Pharmacology) whereas eight students opted for M.Pharm. (Pharmaceutics)
- A finishing school cum training program was organized jointly by the Training and Placement Cell and the Entrepreneurship Development Cell of the Institute.
- A total of 130 students of B. Pharm 3rd year did their industrial training in various institutes in and outside West Bengal.
- 120 students of B.Pharm 2nd year were taken on Industry visits to East India Pharmaceutical Works etc.
- The 4th year students went for industrial tour to different industries in Sikkim.
- 23 students were placed in the session 2014-2015.
- 26 students had GPAT ranks. 36 of the students qualified in PGET.
- Eighteen students presented papers in national and international conferences
- “Student .Life Centre” (SLC) was established and the functioning of the clubs came under the mandate of this committee.
- Scientific programs like celebration of World Diabetes Day, Workshop on CO₂ incubator, PCR etc. were organized.
- Comparative subject wise result analysis showed an improvement from the previous year’s results.
- Six different cultural programs were organized by the cultural committee like Fresher’s Welcome, Bijaya Sammilani, Farewell, Reunion etc.
- Eight welfare events like “Garment distribution”, “Swach Bharat Abhiyan”, “Walk for unity” etc were organized by the Social welfare Committee in association with Social welfare Club.
- Different sports events were organized by the sports committee and sports club all throughout the year.
- The institute has procured “PCR” and “CO₂ Incubator” in 2014-15.

1. FACULTY DEVELOPMENT:

- ✓ The Institute was awarded “Best College” in the “Non-Engineering College Category” at JIS Samman, 2015.
- ✓ Dr. Abhijit Sengupta was awarded “Best Principal” at “JIS Samman, 2015.”
- ✓ Mr. Debabrata Ghosh Dastidaar and Dr. Swati Chakraborty were awarded with “Best Faculty” award at JIS Samman, 2015.

a) SEMINAR / WORKSHOP ATTENDED (DEPARTMENT WISE)

Guru Nanak Institute of Pharmaceutical Science and Technology (GNIPST) encourages the faculty members to attend workshops, conferences, seminars etc. A total of 41 registrations were recorded from the faculty members of GNIPST

| Sl. No. | Name of Applicant | Applied for seminar/ workshop/conference (TITLE) | Type of Programme | Duration | Place of the function |
|---------|-----------------------|--|-------------------|------------------------------|---|
| 1. | Dr. Abhijit Sengupta | “Role of CPCSEA in animal welfare” | Workshop | 2 nd August 2014 | West Bengal University of Animal and Fishery Science. |
| 2. | Dr. Sriparna KunduSen | “Role of CPCSEA in animal welfare” | Workshop | 2 nd August 2014 | West Bengal University of Animal and Fishery Science. |
| 3. | Dr. Asis Bala | “Role of CPCSEA in animal welfare” | Workshop | 2 nd August 2014 | West Bengal University of Animal and Fishery Science. |
| 4. | Dr. Abhijit Sengupta | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |
| 5. | Dr. Lopamudra Datta | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |

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| 6. | Dr. Sumana Chatterjee | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |
| 7. | Dr. Prerona Saha | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |
| 8. | Dr Sriparna KunduSen | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |
| 9. | Dr. Asis Bala | “How To publish a Technical paper with IEEE” | Workshop | 8 th August, 2014 | Jadavpur University |
| 10. | Dr. Abhijit Sengupta | “Redifining the role of Pharmacist in Health Care System” | Workshop | 16 th November, 2014 | Jadavpur University |
| 11. | Dr. Sriparna Kundusen | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 12. | Ms. Sumana Roy | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 13. | Ms. Anuranjita Kundu | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 14. | Mr. Soumya Bhattacharya | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 15. | Mr. Dipanjan Mandal | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 16. | Mr. Abir Koley | “Redifining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |

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| 17. | Ms. Priyanka Ray | “Redefining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 18. | Ms. Jeenatara Begum | “Redefining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 19. | Ms. Moumita Chowdhury | “Redefining the role of Pharmacist in Health Care System | Workshop | 16 th November, 2014 | Jadavpur University |
| 20. | Dr. Abhijit Sengupta | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 21. | Dr. Lopamudra Datta | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 22. | Dr. Sumana Chatterjee | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 23. | Dr. Prerona Saha | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 24. | Ms. Anuranjita Kundu | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 25. | Ms. Jeenatara Begum | 4th International Conference of World Science Congress | International Conference | Dec 16-18, 2014 | Jadavpur University, Kolkata |
| 26. | Ms. Swati Nandi | Conference Mother Earth: Save It to Achieve a Sustainable Future for All, | International | 10 th -12 th December 2014 | Environmental science University of Burdwan |
| 27. | Ms. Swati Nandi | India Biodiversity meet , | National | Nov 21-23, 2014 | ISI Kolkata |

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|-------|-----------------------|---|---------------------|-----------------|------------------------------|
| 28. 4 | Ms. Swati Nandi | Conference on Integrating “Agriculture & Allied Research: Prioritizing Future potentials for secure livelihood | International | Nov 2014 | “ ISIAAR' Kolkata |
| 29. | Dr. Abhijit Sengupta | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 30. | Dr. Lopamudra Datta | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 31. | Dr. Sumana Chatterjee | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 32. | Dr. Prerona Saha | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 33. | Dr. Sriparna KunduSen | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 34. | Ms. Sumana Roy | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |

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| 35. | Ms. Anuranjita Kundu | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 36. | Ms. Priyanka Ray | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 37. | Ms. Jeenatara Begum | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 38. | Ms. Moumita Chowdhury | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 39. | Mr. Abir Koley | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 40. | Mr. Soumya Bhattacharya | 1st Convention: Society for Ethnopharmacology, India, 2014 | National conference | Nov 22-23, 2014 | Jadavpur University, Kolkata |
| 41. | Mr. Debabrata Ghosh Dastidaar | National Conference on Nanoscience & Nanotechnology (NS&NT-2014) | National | September 18-19, 2014 | |

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b) REFRESHER COURSE ATTENDED OUTSIDE

Five faculty members from GNIPST attended two week refresher course in academic year 2014-15.

| Serial No. | Name of faculty | Name of Refresher Course | Duration | Date | Place |
|------------|-----------------------|--|---------------------------|---|------------------------------|
| 1. | Dr. Sriparna KunduSen | “Recent advances and excellences in Pharmaceutical Sciences” | Two week refresher course | 24 th June 2014 to 7 th July 2014 | Jadavpur University, Kolkata |
| 2. | Ms. Jeenatar Begum | “Recent advances and excellences in Pharmaceutical Sciences” | Two week refresher course | 24 th June 2014 to 7 th July 2014 | Jadavpur University, Kolkata |
| 3. | Ms Moumita Chowdhury | “Recent advances and excellences in Pharmaceutical Sciences” | Two week refresher course | 24 th June 2014 to 7 th July 2014 | Jadavpur University, Kolkata |
| 4. | Mr. Dipanjan Mandal | “Recent advances and excellences in Pharmaceutical Sciences” | Two week refresher course | 24 th June 2014 to 7 th July 2014 | Jadavpur University, Kolkata |
| 5. | Mr. Abir Koley | “Recent advances and excellences in Pharmaceutical Sciences” | Two week refresher course | 24 th June 2014 to 7 th July 2014 | Jadavpur University, Kolkata |

c) REFRESHER COURSE ORGANIZED BY THE INSTITUTE (JULY,2014-JUNE 2015)

The institute organized an one day refresher course on 30th January, 2015. It aimed to educate the faculty members and scholars about the alternatives to animal experimentation in case of research work.

This refresher course was very much needed keeping in mind the stringent norms laid down by UGC in regard of ethical use of animals.

| SL | TITLE | DEPARTMENT | DATE |
|----|---|---------------------------|------------|
| 1 | Cell Based Assay As Alternative To Pharmacological Models | Pharmaceutical Technology | 30/01/2015 |

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d) SEMINAR / WORKSHOP ORGANIZED BY INSTITUTE (JULY,2014-JUNE 2015)

The institute organized seven workshops/ seminars/ finishing school in the year of 2014-15.

| Sl. No. | Seminar/Conference Workshop | Date | Purpose of Learning | Organized by | Venue | Convener |
|---------|--|------------------------------------|--|--|--------------------------------------|-----------------------|
| 1. | Finishing School Cum Training Program | 21-Feb 11 th April 2015 | Finishing School Program | GNIPST In collaboration with IPGA Bengal Branch | GNIPST Auditorium | Dr. Lopamudra Datta |
| 2. | Cell based Assay as alternative for Pharmacological Models | 30- Jan 2015 | Pharmacological studies without involving animal | GNIPST | GNIPST Auditorium & Pharmacology Lab | Dr. Asis Bala |
| 3. | Workshop on PCR | 16 th December 2014 | Instrument Handling | Eppendorf | GNIPST Instrument Room | Dr. Swati Chakraborty |
| 4. | Workshop on CO2 Incubator | 15 th December 2014 | Instrument Handling | Eppendorf | GNIPST Instrument Room | Dr. Sumana Chatterjee |
| 5. | Role of Society for Ethnopharmacology | 19th August 2014 | Awareness Development | GNIPST In collaboration with "Society for Ethnopharmacology" India | GNIPST Auditorium | Dr. Asis Bala |
| 6. | Recent Trends of Life Science in Higher Education | 28 th June 2014 | To aware the school teachers about recent devp. | GNIPST | GNIPST Auditorium | Dr. Lopamudra Datta |
| 7. | World Diabetes Day | 14/11/2014 | To spread awareness about the menace of Diabetes | GNIPST | GNIPST Auditorium | Dr. Prerona Saha |

e) RESEARCH & DEVELOPMENT

i) Journal - In 2014-15, a total of five international publications was made by the faculty members of the institute.

List of Journal Publications (International)

1. Sabyasachi Maiti, Amrita Chakraborty, **Moumita Chowdhury**. "Gellan co-polysaccharide micellar solution of budesonide for allergic anti rhinitis: An in vitro appraisal". *International Journal of Biological macromolecules*: 2014, **68**; 241-246.
2. **Rahul Deb Mondal, Anirban Banerjee, Asis Bala, Abhijit Sengupta**. "Avicennia alba: The New phytochemical weapon to fight against acute inflammation." *International Journal of Pharmacology and Pharmaceutical Sciences*: 2015; **2(5)**, 6-12.
3. R.N. Kushwaha, **U. Debnath**, P. Singh, R. Saxena, S .K. Gupta, R. K .Tripathi, H. H. Siddiqui, S. B. Katti. "New piperazine-derived NNRTI's as anti-HIV agent: Synthesis, biological evaluation and molecular docking studies". *Indo American Journal of Pharmaceutical Research*: 2015; **5 (01)**, 408-421.
4. **P. Saha**, U. K. Mazumder, P. K. Haldar. "Evaluation Of Antiinflammatory And Antinociceptive Properties Of *L.siceraria* Aerial Parts." *International Journal of Pharmaceutical Sciences and Research*, **6(5)**, 2015.
5. Sampat Kumar Kundu, **Dr. Sumana Chatterjee, Dr. Abhijit Sen Gupta**. "Pharmacognostic evaluation and determination of appropriate methodology for extraction of important bioactive compounds of *Aerva sanguinolenta* leaves". *International Journal of Pharmacology and Pharmaceutical Science*: 2015; **2(4)**, 11-20

ii) Other Publications - There were a total of 14 nos. of national proceedings and 4 nos of 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 | Evaluation of Antiinflammatory & Antinociceptive Properties of <i>C. maxima</i> aerial parts | P. Saha , U. K. Mazumder. P. K. Haldar. | 4 th International Conference of World Science Congress | International | Dec 16-18, 2014 | JU, Kolkata |

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| 2 | Extracellular bacterial protein(s): A new target for the prevention of Ehrlich's Ascites carcinoma. | Shatabisha Bhattacharya, Asis Bala, Tamalika Chakraborty, Abhijit Sengupta. | 5 th International Conference on Stem cells and Cancer (ICSS-2014), | International | 8-10 Nov., 2014. | JNU, New Delhi |
| 3 | Evaluation of Heavy Metal Toxicity on rice cultivation by sewage water in East Kolkata wetland | Swati Nandi | Conference Mother Earth: Save It to Achieve a Sustainable Future for All, | International | 10 th - 12 th Decem ber 2014 | Environ mental science Universit y of Burdwan |
| 4 | Analysis and assessment of Essential Toxic heavy metal in context of East Kolkata\Wetland | Swati Nandi; R.C Srivastava | Conference on Integrating "Agriculture & Allied Research: Prioritizing Future potentials for secure livelihood | International | Nov 2014 | " ISIAAR' Kolkata |

List of Conference Paper /Proceedings (National)

| Sl No. | Title of the Abstract | Authors' Names | Title / Theme of the Conference/Seminar | National or International | Date | Venue |
|----------|---|---|--|---------------------------|-----------------------|----------------|
| 1 | Evaluation of Antiinflammatory and Antinociceptive Properties of <i>L. siceraria</i> aerial parts | P. Saha, U. K. Mazumder. P. K. Halder. | 1 st Convention: Society for Ethnopharmacology, India, 2014 | National | Nov 22-23, 2014 | JU, Kolkata |

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|----------|---|---|---|----------|--|------------------|
| 2 | Different <i>In-Vivo</i> and <i>in-Vitro</i> model for Hypolipidemia | Lopamudra Dutta. Prerona Saha Sumana Roy | 1 st national convention: Society for ethnopharmacology, India | National | November 29 th -30 th 2014 | JU. Kolkata |
| 3 | Medicinal Plants as a Source of Antiulcer Remedy | Anuranjita Kundu, Jeenatara Begum, Abhijit Sen Gupta, Prerona Saha, Lopamudra Datta, Sumana Chatterjee | 1 st national convention: Society for ethnopharmacology, India | National | November 29 th -30 th 2014 | JU, Kolkata |
| 4 | Paclitaxel loaded Solid Lipid Nanoparticle: A smart Delivery System for better anticancer therapy | Debabrata Ghosh Dastidar, Satabi Datta, Arnab Ganguly, Gopal Chakraborti | National Conference on Nanoscience & Nanotechnology (NS&NT-2014) | National | September 18-19, 2014 | |
| 5 | Evaluation of antioxidant activity of <i>Clitoria ternatea</i> ethanolic extract. | Rupam Saha, Prerona Saha, Asis Bala | 1 st convention: Society for Ethnopharmacology, India 2014 | National | November 29-30, 2014 | SNPS-JU, Kolkata |
| 6 | Protective activity of <i>Citrus hystrix</i> fruit peel against arsenic induced sub acute | Anirban Banerjee, Sriparna KunduSen, Asis Bala. | 1 st convention: Society for Ethnopharmacology, India 2014 | National | November 29-30, 2014 | SNPS-JU, Kolkata |

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| | toxicity. | | | | | |
| 7 | Evaluation of hepatoprotective activity of leaves of <i>Syzygium samarangenes</i> . | Sanchari Ghoswami, Prerona Saha, Asis Bala. | 1 st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-JU, Kolkata |
| 8 | Evaluation of free radical scavenging activity of <i>Clitoria ternatea</i> . | Rupam Saha, Prerona Saha, Asis Bala. | National Seminar on Control of Viral menace using delivery design | National | 19 th Nov, 2014 | Dr. B C Roy College of Pharmacy and AHS. Durgapur |
| 9 | Mucilages as additives and cytoprotective in Pharmaceutical formulation: A Review | Moumita Chowdhury, Sumana Chatterjee, Abhijit Sengupta, Lopamudra Datta | 1 st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-JU, Kolkata |
| 10 | Antidiabetic activity of fruits from some medicinal plants of Rutaceae and Curcubitaceae family : A Review | Abir Koley Lopamudra Dutta Abhijit Sengupta | 1 st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-JU, Kolkata |
| 11 | Comparative study of natural mucoadhesives used in the formulation of | Priyanka Ray, Dr.Sumana Chaterjee, Prerona Saha | 1 st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-JU, Kolkata |

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| | microbeads/microspheres | | | | | |
| 12 | A survey on the use of complementary medicines among some suburban population of jalpaiguri district, west bengal | Soumya Bhattacharya, Lopamudra Datta, Sriparna KunduSen, Anirban Bakshi | 1 st Convention Society of Ethnopharmacology Poster | National | 29-30 Nov, 2014 | JU, Kolkata |
| 13 | Assess the Effects of Heavy metal pollution on Indian Major carp species from waste water fed fish pond of East Kolkata Wetland. | Nandi, Swati; Srivastava, R.C | India Biodiversity meet , | National | Nov 21-23, 2014 | ISI Kolkata |
| 14 | Antimicrobial activity of Indian Medicinal Plant on Multi Drug Resistant Bacteria | Tamalika Chakraborty, Dr Sumana Chatterjee, Dr Lopamudra Datta, Dr Abhijit Sengupta. | 1 st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS- JU, Kolkata |

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iii) Research & Development Grant

There is an ongoing AICTE funded Rapid Promotion Scheme (RPS) project in the institute under Dr. Lopamudra Datta.

The institute received financial grant from Gurunanak Educational Trust (GET).

The details are given below.

| Sl. | Name of Project | Submitted to | Coordinator | Amount |
|-----|--|--------------|---|--------------|
| 1. | Identification of active fraction of Citrus limetta responsible for antidiabetic activity. | GET | Dr. Sriparna KunduSen & Dr. Asis Bala | Rs. 15000/- |
| 2. | Formulation and Evaluation of Herbal MouthWash. | GET | Dr. Lopamudra Datta | Rs. 15,000/- |
| 3. | QSAR modeling and validation of the Pharmacophore with reference to their antidiabetic activity. | GET | Dr. Sriparna KunduSen & Dr. Abhijit Sengupta | Rs. 15,000/- |
| 4. | Identification of Bioactive component of <i>Colocasia esculenta</i> showing anticancer activity on EAC | GET | Dr. Sumana Chatterjee & Dr. Asis Bala | Rs. 15,000/- |
| 5. | Role of GSH on L-Arginine & 5Fluorouracil cocultured EAC | GET | Dr. Asis Bala & Dr. Abhijit Sengupta | Rs. 15,000/- |
| | Operative antioxidant & Anti-inflammatory studies of Different phytomolecules on Human RBCcells. | GET | Dr. Lopamudra Datta & Dr. Asis Bala | Rs. 15,000/- |
| | Ofloxacin loaded periodontal film | GET | Mr. Debabrata GhoshDastidaar | Rs. 15,000/- |
| | Evaluation o& comparison of Aegele marmeloes fruit pulp prepared topical gel microsphere ,cream and ointment. | GET | Dr. Sumana Chatterjee & Mr. Jaydip Ray | Rs. 15,000/- |
| | Delivery of predisolone acetate through chitosan-alginate coated emulsion for the treatment of ulcerative colitis. | GET | Dr. Abhijit Sengupta & Mr. Debabrata Ghoshdastidaar | Rs. 15,000/- |
| | Enhancement of Bioactive Constituent from <i>Calotrophis Gigantea</i> leaves and Evaluation of their Anticancer & Antiinflammatory activity. | GET | Dr. Sumana Chatterjee and Dr. Asis Bala | Rs. 15,000/- |

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f) PH.D DETAILS

The following faculty members enrolled for PhD under West Bengal University of Technology in the year 2014-15.

| LIST OF FACULTIES ENROLLED FOR PH.D. | | | | | |
|--------------------------------------|-------------------------|-----------------|---------------------------|---|---|
| Sl. No | Name of Faculty | Date Of Joining | Dept. | Collaborative Institute With Enrolment Date | Area Of Research |
| 1 | Ms. Sumana Roy | 04/09/2008 | Pharmaceutical Technology | West Bengal University of Technology | Phytochemistry, Pharmacology, Pharmaceutics |
| 2 | Ms. Anuranjita Kundu | 04/09/2008 | Pharmaceutical Technology | West Bengal University of Technology | Phytochemistry, Pharmacology |
| 3 | Mr. Abir Koley | 01/07/2011 | Pharmaceutical Technology | West Bengal University of Technology | Phytochemistry, Pharmacology, Pharmaceutics |
| 4 | Mr. Soumya Bhattacharya | 01/07/2011 | Pharmaceutical Technology | West Bengal University of Technology | Phytochemistry, Pharmacology, Pharmaceutics |
| 5 | Ms. Priyanka Ray | 18/10/2011 | Pharmaceutical Technology | West Bengal University of Technology | Phytochemistry, Pharmacology, Pharmaceutics |

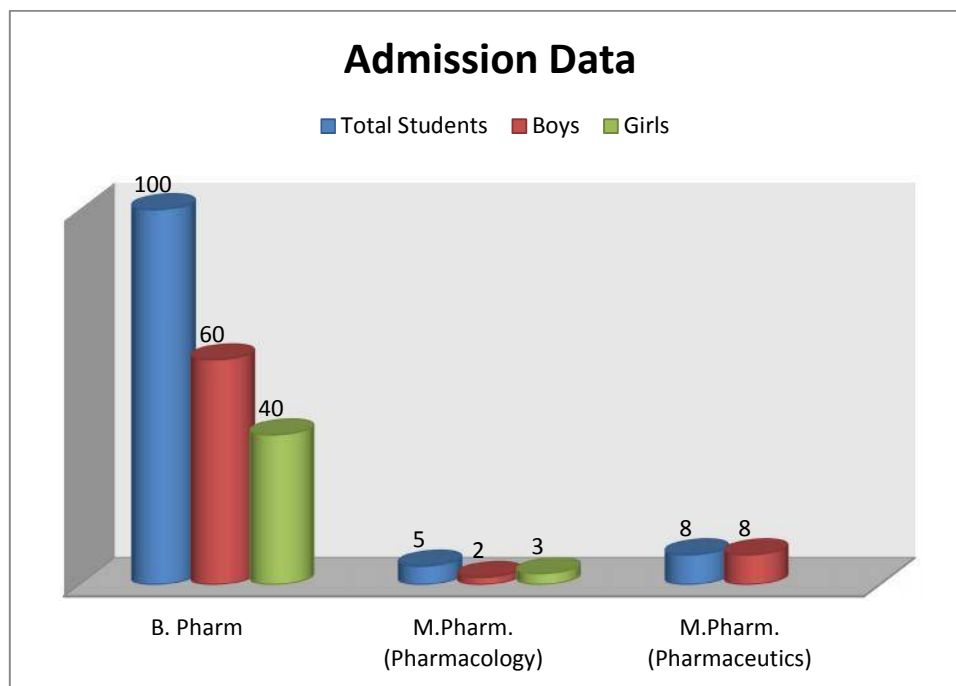
The following faculty members of the institute are already registered and are doing their research work at the institute itself.

| LIST OF FACULTIES REGISTERED FOR PH.D. | | | | |
|--|------------------------------|-----------------|---------------------------|---|
| Sl. No | Name Of Faculty | Date Of Joining | Dept. | Collaborative Institute |
| 1 | Mr. Jaydip Ry | 04/04/05 | Pharmaceutical Technology | Siksha O Anusandahan University, Orissa |
| 2 | Mr. Durgesh Ranjan Kar | 10/10/06 | Pharmaceutical Technology | Siksha O Anusandahan University, Orissa |
| 3 | Mr. Debabrata GhoshDastidaar | 15/07/09 | Pharmaceutical Technology | Calcutta University |

2) STUDENTS RELATED INFORMATION

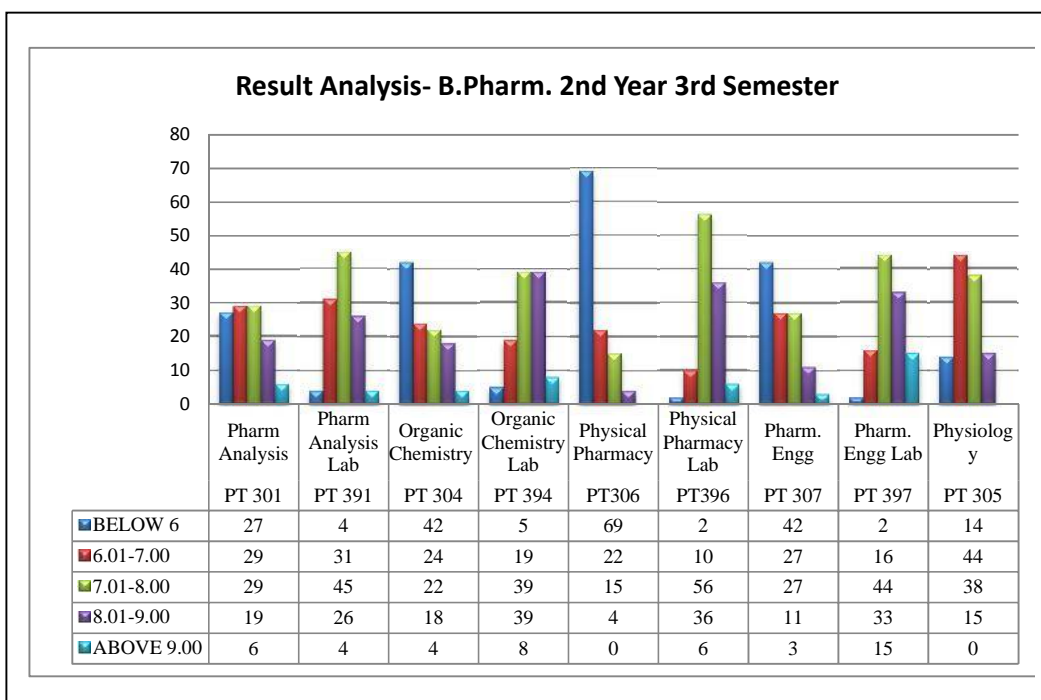
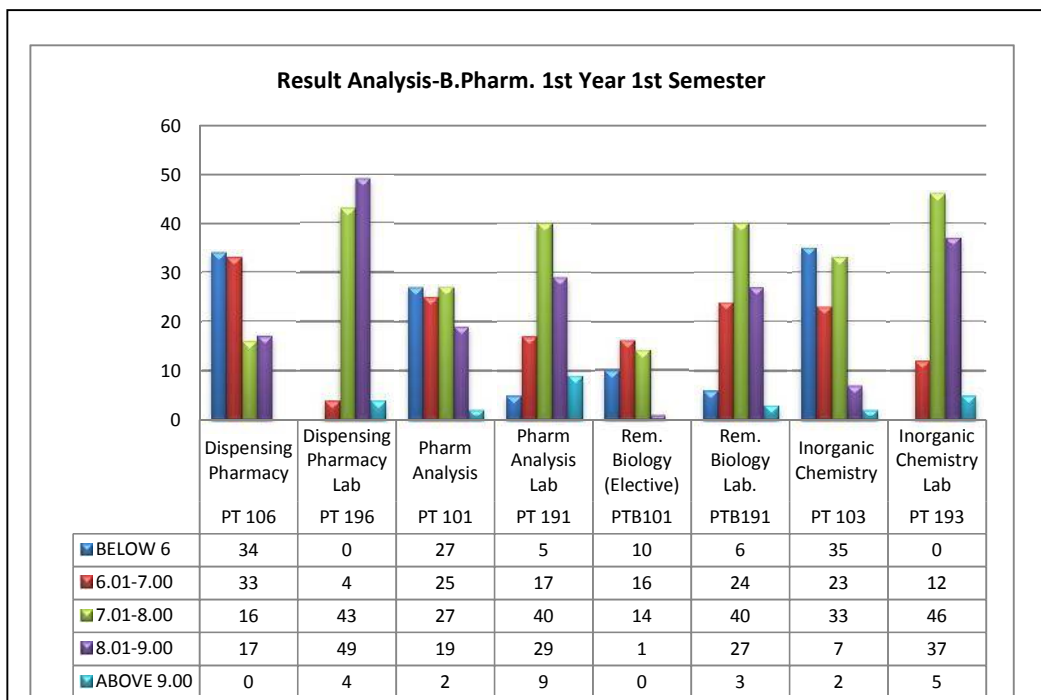
a) **ADMISSION DATA**

- i. A total of 100 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).
- ii. A total of 13 students took admission in M.Pharm through GPAT and Post Graduate Entrance Test (PGET) organized by West Bengal University of Technology (WBUT). Five students took admission in M .Pharm(Pharmacology) whereas eight students opted for M.Pharm. (Pharmaceutics)

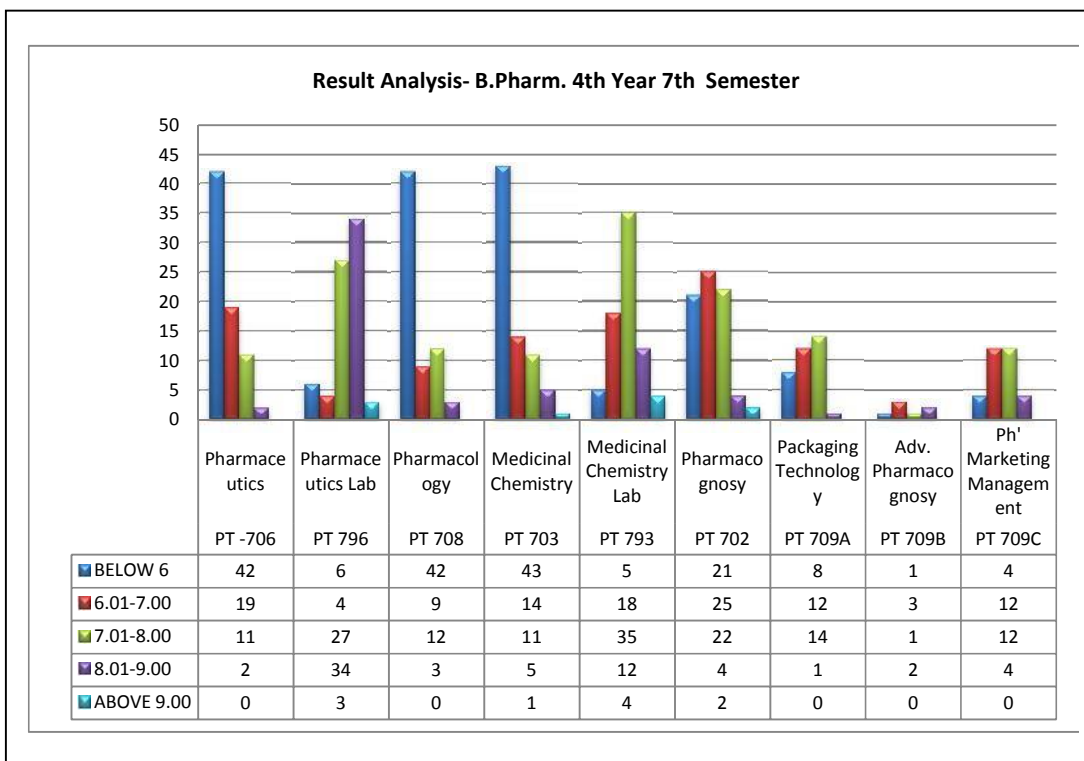
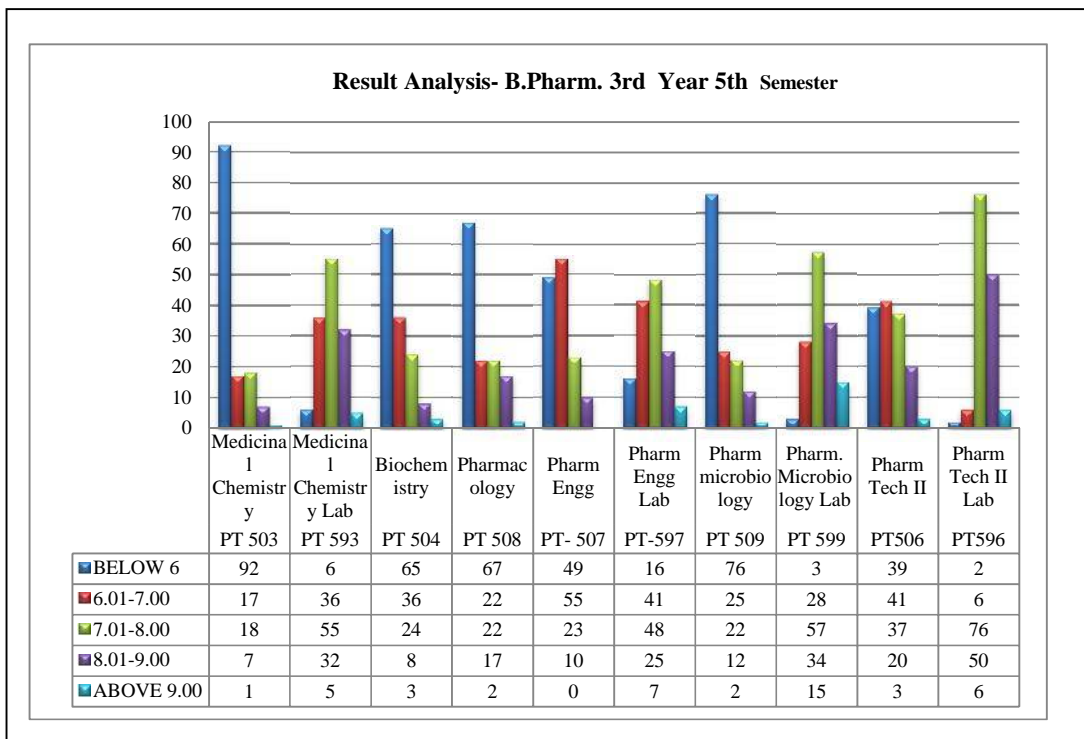


b) RESULT ANALYSIS

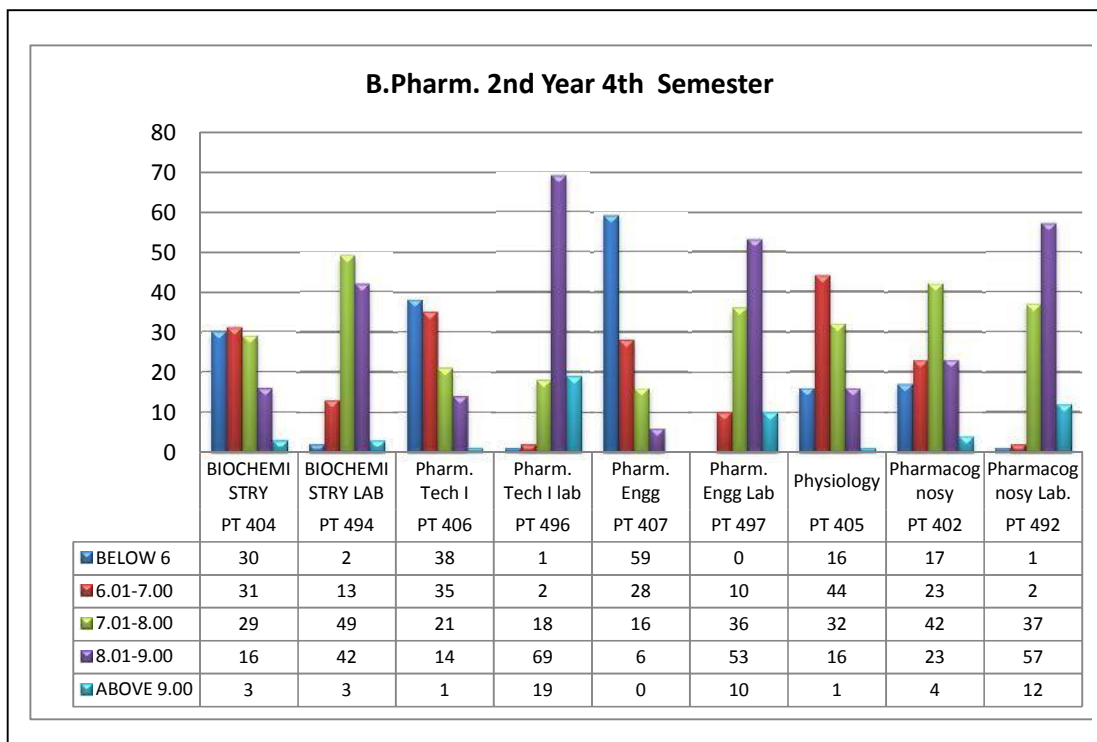
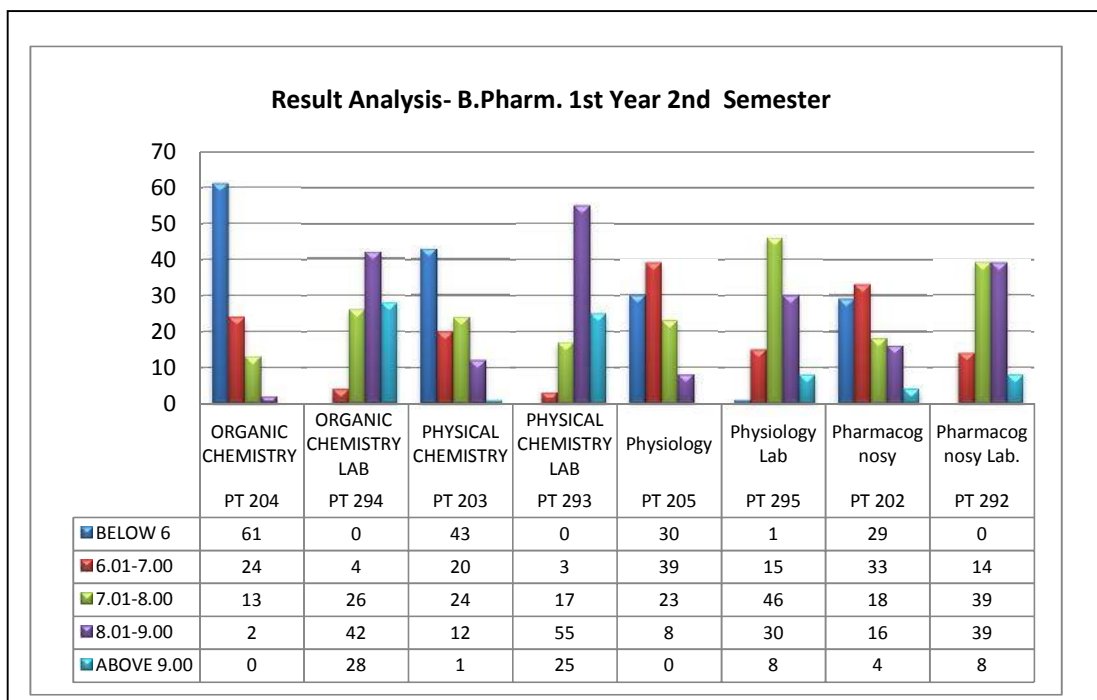
SUBJECT WISE RESULT ANALYSIS ODD SEM 2014-15



SUBJECT WISE RESULT ANALYSIS ODD SEM 2014-15

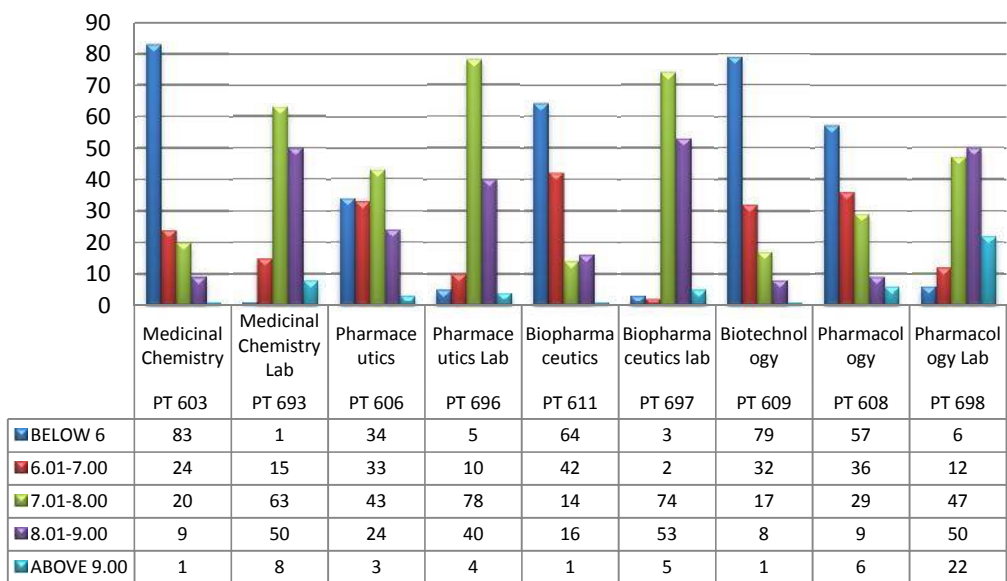


SUBJECT WISE RESULT ANALYSIS EVEN SEM 2014-15

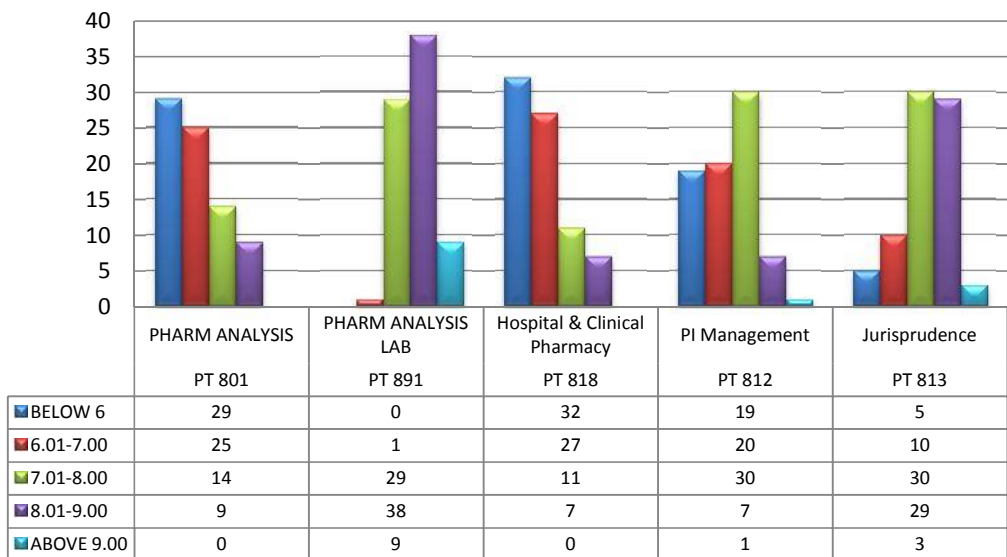


SUBJECT WISE RESULT ANALYSIS EVEN SEM 2014-15

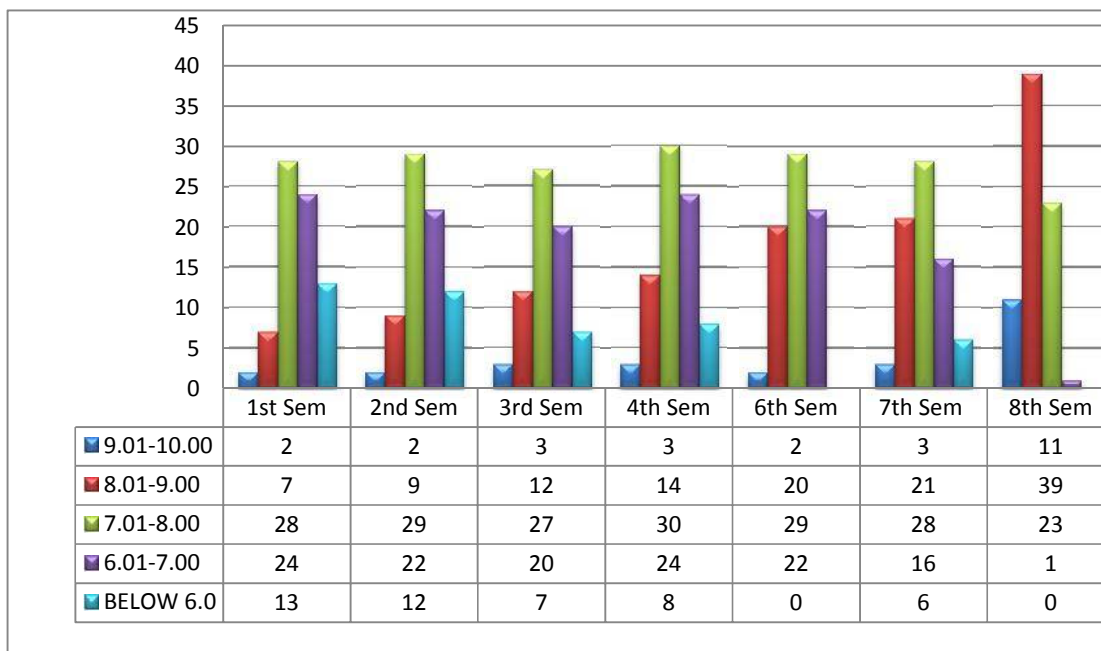
Result Analysis- B.Pharm. 3rd Year 6th Semester



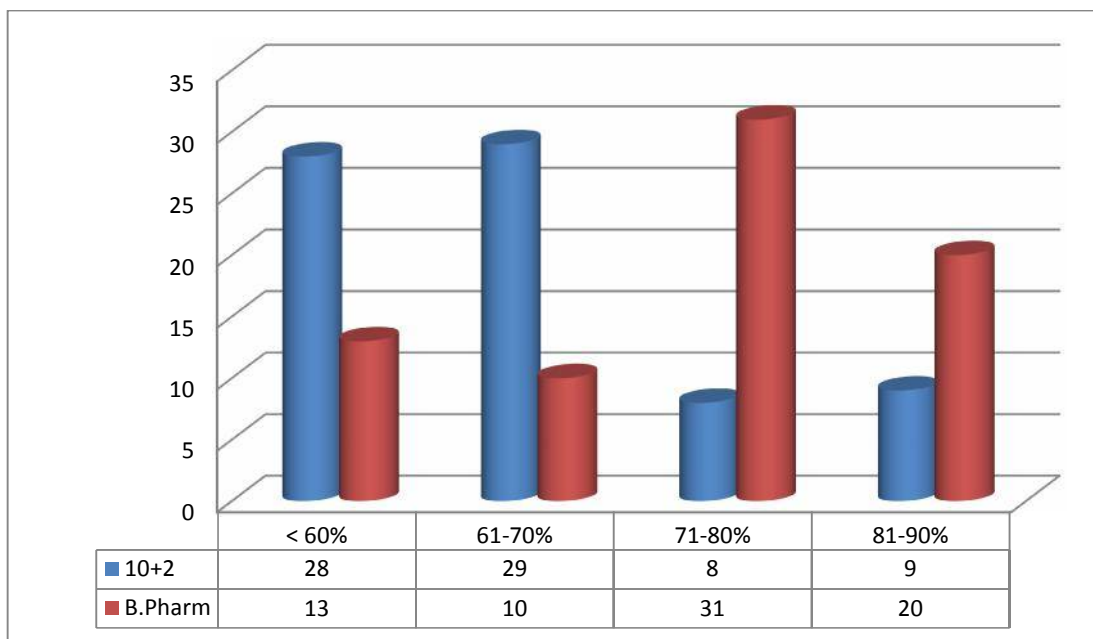
Result Analysis- B.Pharm. 4th Year 8th Semester



COMPARATIVE RESULT ANALYSIS (SGPA) OF STUDENTS OF 2011-15 BATCH



COMPARATIVE RESULT ANALYSIS (10+2 and B.PHARM) OF STUDENTS OF 2011-15 BATCH



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c) SUMMER TRAINING

A total of 130 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-

| Sl.No. | Name of the Company | No of Students |
|--------------|---|----------------|
| 1. | Dey's Medical Stores Mfg. Ltd. | 14 |
| 2. | Gluconate Health Ltd. | 07 |
| 3. | Aglowmed Ltd. | 02 |
| 4. | Caplet India Pvt. Ltd. | 23 |
| 5. | Golden cross Pharma Ltd. (Uttarakhand) | 04 |
| 6. | Klar Sehen Pvt. Ltd. | 03 |
| 7. | Stadmed Pvt.Ltd | 14 |
| 8. | Emami Ltd | 11 |
| 9. | Bengal Chemicals and Pharmaceuticals Ltd. | 04 |
| 10. | Cipla Ltd (Sikkim) | 09 |
| 11. | Intas Pharmaceuticals Ltd. | 02 |
| 12. | Albert David Ltd. | 05 |
| 13. | Pasteur Laboratories Pvt. Ltd | 09 |
| 14. | East India Pharmaceutical Works Ltd. | 01 |
| 15. | Stadmed Pharmaceuticals Ltd. | 14 |
| 16. | Indchemic Health specialities Pvt. Ltd. | 01 |
| 17. | Lachemico Pvt. Ltd. | 02 |
| 18. | Emcee Pharmaceuticals Pvt. Ltd. | 01 |
| 19. | Rugby Pharma Pvt. Ltd. | 04 |
| TOTAL | | 130 |

d) PLACEMENT RECORDS

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

| SL No | Company | Date of Interview | Number of student Placed. |
|--------------|--|-------------------|---------------------------|
| 1 | Neon Laboratory .Pvt. Ltd | 20.03.2015 | 3 |
| 2 | Glaxo Smith Kline Pharmaceutical Pvt. Ltd. | 27.03.2015 | 2 |
| 3 | Standard Pharmaceutical Pvt. Ltd | 23.05.2015 | 6 |
| 4 | Abbott India. Pvt. Ltd. | 10.03.2015 | 6 |
| 5 | Apollo Pharmacy retail Chain. | 23.04.2015 | 3 |
| 6 | Abbott India. Pvt. Ltd. | 21.05.2015 | 1 |
| 7 | Mankind Pharmaceuticals | 26.06.2015 | 1 |
| 8 | Dabur | 27.05.2015 | 1 |
| Total | | | 23 |

e) INDUSTRY VISIT

Industry visits were organized by the college for second year B.pharm. students. The students visited East India Pharmaceutical works in two batches each comprised of 60 students.

The students were also taken to IFB Agro Ltd and Vivekananda Institute of Biotechnology, Nimpith.



INDUSTRIAL VISITS OF B.PHARM 2ND YEAR STUDENTS 2014-15

f) 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.

| Conference & Seminar Publication of Students | | | | | | |
|--|---|---|--|---------------------------|------------------|---|
| Sl No. | Title of the Abstract | Authors' Names | Title / Theme of the Conference/ Seminar | National or International | Date | Venue |
| 1 | Extracellular bacterial protein(s): A new target for the prevention of Ehrlich's Ascites carcinoma. | Shatabisha Bhattacharya, Asis Bala, Tamalika Chakraborty, Abhijit Sengupta. | 5th International Conference on Stem cells and Cancer (ICSS-2014), | International | 8-10 Nov., 2014. | JNU, New Delhi |
| 2 | Evaluation of antioxidant activity of <i>Clitoria ternatea</i> ethanolic extract. | Rupam Saha, Prerona Saha, Asis Bala | 1st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-Jadavpur University . Kolkata |
| 3 | Protective activity of <i>Citrus hystrix</i> fruit peel against arsenic induced sub acute toxicity. | Anirban Banerjee, Sriparna KunduSen, Asis Bala. | 1st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-Jadavpur University . Kolkata |
| 4 | Evaluation of hepatoprotective activity of leaves of <i>Syzygium samarangenes</i> . | Sanchari Ghoswami, Prerona Saha, Asis Bala. | 1st convention: Society for Ethnopharmacology, India 2014 | National | Nov 29-30, 2014 | SNPS-Jadavpur University . Kolkata |
| 5 | Evaluation of free radical scavenging activity of <i>Clitoria ternatea</i> . | Rupam Saha, Prerona Saha, Asis Bala. | National Seminar on Control of Viral menace using delivery design | National | 19th Nov, 2014 | Dr. B C Roy College of Pharmacy and AHS. Durgapur |

g) STUDENT DEVELOPMENT INITIATIVES

FINISHING SCHOOL CUM TRAINING PROGRAM

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A Finishing School cum Training Program was jointly organized by GNIPST Training and Placement Cell and Entrepreneurship Development Cell from 21st February to 11th April, 2015. 3rd and 4th year students of B. Pharm. and students of M. Pharm. attended this program.

The speakers were selected from the different walks of life and they enlightened the students on different aspects of pharmacy like R & D, QA & QC, marketing, entrepreneurship.

On 21st February, the Finishing School Training Programme of GNIPST was inaugurated by Sri Soumen Mukhopadhyay, Deputy Director, Drug Control Office, Goutam Kr. Sen, President, IPGA, Mr. Subroto Saha, Asst. Directorate, Drug Control Office, Mr. Ranendra Chakraborty, Sales Manager, Dr. Reddys Laboratory were also present. A talk was given by Mr. Ranendra Chakraborty for students interested in the marketing sector.

On 28th February, Dr. D. Roy, Former Deputy Drug Controller; Mr. Sujoy Chakraborty, Divisional Therapy Manager, Cipla and Mr. Vikramjit Biswas, Senior Manager, Learning & Development, Cipla delivered their valuable lectures

On 14th March, Mr. Milind Bhattacharya, Senior Manager, QA & QC, Emami Ltd. and Mr. Joydev Bhoumik, Manager, Operation, Ranbaxy Laboratory Limited delivered their valuable lectures.

On 21st March, Mr. Tridib Neogi, Associate Vice-President (Quality Assurance), Albert David Ltd. delivered his valuable insight on the QA & QC.

On 28th March, Dr. Gautam Chatterjee, an Alumni of Jadavpur University and presently associated with NIPER delivered his valuable talk for the students interest in further studies and research.

On 11th April, 2015 the closing ceremony of the FINISHING SCHOOL TRAINING PROGRAMME was held in GNIPST Auditorium.



h) STUDENTS ACHIEVEMENT

a) ACADEMIC ACHIEVEMENT

The students of GNIPST appeared in Graduate Pharmacy Aptitude Test (GPAT), Post Graduate Entrance Test (PGET) conducted by West Bengal University of Technology.

The details of the students who opted for higher studies in the academic year of 2014-15 are given in the list below.

| Name | CAT,GATE, GRE Qualified | Higher Studies | Year |
|------------------------------|--------------------------------|----------------------------|-------------|
| Diksha Kumari | GPAT QUALIFIED | Will go for higher studies | 2015 |
| Rupanjay Bhattacharya | GPAT QUALIFIED | Will go for higher studies | 2015 |
| Abhik Paul | GPAT QUALIFIED | Will go for higher studies | 2015 |
| Saroj Bandhu Ghosh | GPAT QUALIFIED | Will go for higher studies | 2015 |
| Sourav Bhattacharya | GPAT QUALIFIED | Will go for higher studies | 2015 |
| Utsa Sinha | GPAT QUALIFIED | BPUT , Orissa | 2014 |
| Purbali Chakraborty | GPAT QUALIFIED | NIPER, MOHALI | 2014 |
| Satarupa Bhattacharya | GPAT QUALIFIED | M.Pharm. At JU, Kolkata | 2014 |
| Sandipan Sarkar | GPAT QUALIFIED | Bharti Vidya Pith, Pune | 2014 |
| Antara Sengupta | GPAT QUALIFIED | Bharti Vidya Pith, Pune | 2014 |
| Annwasha Mukherjee | GPAT QUALIFIED | Bharti Vidya Pith, Pune | 2014 |
| Ipsita Sen | GPAT and PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Sourav Das | PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Soumen Dhara | GPAT and PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Senjuti Mukherjee | GPAT and PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Arnab Bannerjee | PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Nitish Mahapatra | PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Achintya Bannerjee | PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |
| Pradipta Sarkar | PGET QUALIFIED | M.Pharm. At GNIPST | 2014 |

b) DIFFERENT EXTRACURRICULAR ACTIVITIES



INTRACOLLEGE CHESS COMPETITION

The Intra college Chess Competition of GNPST was held on 21st and 22nd October, 2014. The results of the competition is as follows.

Chess Tournament (Boys)- 1st prize- Basab Brata Dey;
1stRunner up-Ankit Chowdhury; 2ndRunner up-Smaranjeet Banik

Chess Tournament (Girls)- 1st prize- Rituparna Das ;1st Runner up-Varsa Srivastav; 2ndRunner up- Krishnakali Basu



INTRACOLLEGE TABLE TENNIS TOURNAMENT

Intra college Table Tennis tournament was organized on 25th and 26th September, 2014

Winner of Table Tennis Tournament- Krishnakali Basu, B.Pharm 3rd year, 2014

1st Runner up-Aindrila Bhowmick, B.Pharm 2nd year, 2014

2nd Runner up-Sayani Banerjee, B.Pharm 2nd year, 2014



INTRA COLLEGE CRICKET TOURNAMENT

Intra college Cricket tournament was held on 21st and 22nd October, 2014. The results of the tournament is as follows-

Winner - B.Pharm 3rd year, 2014

Runner up team- B.Pharm 2nd year, 2014

Highest run scorer of Cricket Tournament- Tanmoy Das Biswas

Highest wicket taker of Cricket Tournament - Subhodip Das



INTRA COLLEGE CAROM TOURNAMENT

The Intra college Indoor games Competition of GNPST was held on 21st and 22nd October, 2014. The events were Carom Tournament (Boys), Carom Tournament (Girls). The results is as follows-

Carom Tournament (Boys)- 1st prize- Sk. Abdul Salam;
1stRunner up-Subhayan Dutta; 2ndRunner up-Nirupan Gupta

Carom Tournament (Girls)- 1st prize- Aishwarya Datta; 1stRunner up-Krishnakali Basu; 2ndRunner up-Rituparna Das

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INTRACOLLEGE FOOTBALL TOURNAMENT

Intra college Football tournament was organized on 25th and 26th September, 2014. The results of Intra college Football Tournament (for male students) is as follows.

Winner of Football Tournament-B.Pharm 3rd year, 2014

Runner up team-B.Pharm final year, 2014



INTRACOLLEGE ANNUAL SPORTS MEET

The intra college Annual Sports Meet held on 28th and 29th January, 2015.

The events were 100 meter flat race (Girls), 100 meter flat race (Boys), Three legged race (Girls), 200 meter flat race (Girls), Long Jump (Boys), Skipping (Girls), Shotput (Girls), Shotput (Boys), Musical Chair (Staff), Discuss Throw(Girls), 50 meter female flat race (staff), 100 meter male flat race (staff), Walking race female (staff), Balance race female (staff), Long Jump (Girls), 200 meter flat race (Boys), Sack race (Girls), Sack race (Boys), Relay race (Boys), Relay race (Girls), Go for Goal (Boys), Tug of war (Boys) and Tug of war (Girls).

The results of Intra college Annual Sports meet held on 28th and 29th January, 2015 is as follows.

| Name of Event | 1st | 2nd | 3rd |
|----------------------------------|---|---|-----------------|
| 100 meter flat race (Girls) | Priya Roy | Nirmita Gupta | Joyati Ghosh |
| 100 meter flat race (Boys) | Arijit Mitra Thakur | Deep Chakraborty | Arindam Ganguly |
| Three legged race (Girls) | Nayana Sinha, Anjali Mondal, Saheli Mukherjee | Arjita Biswas, Aindrila Bhowmick Archita Basu | |
| 200 meter flat race (Girls) | Priya Roy | Nirmita Gupta | Anjali Mondal |
| 3 rd Long Jump (Boys) | Dipankar Kamila | Arindam Ganguly | Rohan Datta |

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| | | | |
|---|---|-----------------------|-----------------------------|
| Skipping (Girls) | Saheli Mukherjee | Indira Saha | Jayita Roy |
| Shotput (Girls) | Chandrika Saha | Priya Roy | Sneha Paul |
| Shotput (Boys) | Arijit Mitra Thakur | Arindam Ganguly | Rohan Datta |
| Musical Chair (Staff) | Mr. Abir Koley | Ms. Priyanka Ray | Mr. Debabrata Ghoshdastidar |
| Discuss Throw(Girls) | Priya Roy | Arijita Biswas | Varsha Shrivastava |
| 100 meter Female flat race (staff) | Ms. Saini Setua | Ms. Priyanka Ray | Anuranjita Kundu |
| 100 meter male flat race (staff) | Mr. Debabrata Ghoshdastidar | Mr. Mrinal Datta | Mr. Ranjit Ghosh |
| Walking race female (staff) | Ms. Saini Setua | Ms. Anuranjita Kundu | Ms. Sumana Roy |
| Balance race female (staff) | Ms. Saini Setua | Dr. Sriparna KunduSen | Ms. Priyanka Ray |
| Tug of war (Female staff) | Ms. Priyanka Ray, Ms. Prathama SenGupta, Dr. Sriparna Kundu Sen, Ms. Sumana Roy | | |
| Tug of war (Male staff) | Mr. Debabrata Ghoshdastidar, Mr. Abir Koley, Sk. Ziaur Rahman, Mr. Ranjit Ghosh, Mr. Koushik Dhar | | |
| Balance race (Girls) | Indira Saha | Aindrila Bhowmick | Aindrila Bhowmick |
| Long Jump (Girls): | Aindrila Bhowmick | Nirmita Gupta | Krishnakali Basu |
| 200 meter flat race (Boys): | Dipankar Kamil | Arijit Mitra Thakur | Kaustav Sakar |
| Sack race (Girls) | Aindrila Bhowmick | Nirmita Gupta | Sayani Banerjee |
| Sack race (Boys) | Rohan Datta | Souvik Debnath | Sayantana Das |
| Relay race (Boys) | Dipankar Kamila, Arijit Mitra Thakur, Soumyajit Sinha, Sneham Sen | | |
| Relay race (Girls) | Joyoti Ghosh, Aindrila Bhowmick, Anjali Mondal, Poulami Sarkar | | |
| Go for Goal (Boys) | Abhijit Kumar Mondal | Arkajyoti Hazra | Abhinandan Mondal |
| Tug of war (Boys) | Dipu Roy, Vishal Singh,Sk Minhaz Uddin Ahmed, Ritobroto Paul, Rohan Dutta | | |
| Tug of war (Girls) | Krishnakali Basu, Indira Saha, Chandrika Saha, Maitryee Banerjee, Kajal Nagpal | | |

DIFFERENT SPORTS EVENTS AT GNPST



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c) DIFFERENT CULTURAL EVENTS ORGANISED IN THE INSTITUTE BETWEEN JULY, 2014 TO JUNE 2015

The cultural club and the committee of the college under the aegis of “Student Life Centre” organized different cultural programs in the academic year of 2014-15.

| Date | Name of Function | Venue | Brief Description |
|---------------------|-------------------|-------------------|--|
| 12.08.14 | Fresher's welcome | GNIPST auditorium | The fresher's welcome was organized by the cultural committee. All the freshers students were welcomed by the senior students. Various cultural performance such as song, Dance ,Skit ,Band performance etc. were presented by the students. Mr.Fresher and Ms.Fresher were awarded. |
| 22.10.14 | Bijaya sammillani | GNIPST auditorium | The Bijaya Sammillini was organized in the college auditorium. The auditorium was decorated beautifully. Various game shows such as Candle lighting, Sankha Dhvani, identifying the puja pandal etc. were organized both for faculty and students. Several students performed during the program. |
| 25.1.15 | Saraswati Puja | GNIPST Exam Hall | The saraswati puja was organized by the students in the examination hall. The idol was worshipped according to proper rituals. Students offered pushpanjali during the puja. Prasad was distributed after the puja. |
| 8.2.15 | Reunion | GNIPST Campus | The reunion ceremony was held in the GNIPST college lobby. Many ex-students attended the reunion. They had good interaction with all the faculty members and present students. They also filed up their present details in the Reunion register. |
| 28.3.15 to 30.03.15 | Fest | GNIPST Campus | The GNIPST Tech Fest and Cultural fest was organized by the cultural committee in Collaboration with Scientific committee and Social welfare Committee. Several competitions took place during the fest such as innovative modeling, debate competition, Painting,Solo singing, band performance, Fashion show etc. Students enjoyed a lot as everything was carried out smoothly. |
| 24.4.15 | Farewell function | GNIPST auditorium | The outgoing batch of B.Pharm was bid farewell by the juniors at the College Auditorium. The students participated in various cultural programs and they had a good interactive session with the outgoing seniors by sharing their memories of GNIPST college life. |

DIFFERENT CULTURAL ACTIVITIES IN THE INSTITUTE



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d) DIFFERENT WELFARE EVENTS ORGANISED IN THE INSTITUTE BETWEEN JULY, 2014 TO JUNE 2015

The social welfare committee and social welfare club of the Institute under the aegis of “Student Life Centre” organizes various programs all throughout the year.

The different programs organized by social welfare committee in the year of 2014-15 are given below.

| Semester | Programme | Venue | Date |
|-----------------------|--------------------------|-------------------------|------------|
| Even Semester 2015 | National Youth Day | GNIPST | 12.01.2015 |
| | Visit to an old age home | | 10.03.2015 |
| | Visit to an orphanage | Missionaries of charity | 12.04.2015 |
| | Eye checking camp | GNIPST campus | 28.04.2015 |
| Odd Semester 2014 | Garment distribution | | 14.08.2014 |
| | Swach Bharat Abhiyan | GNIPST campus | 25.09.2014 |
| | Run for Unity | GNIPST campus | 30.10.2014 |
| | Blood donation camp | GNIPST campus | 30.10.2014 |

GARMENT DISTRIBUTION 2014



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SWACHH BHARAT ABHIYAN 2014



RUN FOR UNITY 2014



NATIONAL YOUTH DAY, 2015



**VISIT TO ORPHANAGE
2014-15**



VISIT TO OLD AGE HOME 2014-2015

d) **FORMATION OF STUDENT LIFE CENTRE**

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:

| SL. NO. | NAME OF THE MEMBERS | POSITION IN THE COMMITTEE | DESIGNATION |
|---------|------------------------------|---------------------------|---|
| 1 | DR. ASIS BALA | CONVENER | COORDINATOR, SOCIAL SERVICES CLUB |
| 2 | MR. SOUMYA BHATTACHARYA | MEMBER | COORDINATOR DEBATE AND EXTEMPORE CLUB |
| 3 | MR. DEBABRATA GHOSH DASTIDAR | MEMBER | COORDINATOR SPORTS CLUB |
| 4 | MR. SAMRAT BOSE | MEMBER | COORDINATOR, SCIENCE AND INNOVATIVE MODELLING |
| 5 | MR. ABIR KOLEY | MEMBER | COORDINATOR, PHOTOGRAPHY |
| 6 | MS. SUMANA ROY | MEMBER | COORDINATOR, ECO CLUB |
| 7 | MS. PRIYANKA RAY | MEMBER | COORDINATOR, CULTURAL CLUB |
| 8 | MS. JEENATARA BEGUM | MEMBER | COORDINATOR LITERARY AND PAINTING |

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Various activities are initiated by the above mentioned clubs and societies. Some of the activities that were initiated are as follows:

1. Workshops & Seminars
2. Annual Sports
3. Intra and Inter college academic competitions
4. Debates & Quizzes
5. Exhibitions
6. Industry Visits
7. Campus Beautification Program
8. Social Service
9. Intra and Inter college non-academic competitions
10. Cultural Programmes



SPORTS CLUB : To imbibe this sportsman spirit within the student and to make them mentally & physically fit.

•TEACHER CO-ORDINATOR : Mr Dehabrata Ghosh Dastidar

•STUDENT CO-ORDINATOR: Mr Soumyajit Roy

•NUMBER OF STUDENT MEMBER : 100



SOCIAL SERVICE CLUB: Make commitment to the value of social work and ethics in professional practices.

•TEACHER CO-ORDINATOR : Dr.Asis Bala

•STUDENT CO-ORDINATOR:Mr Ranit Kundu

•NUMBER OF STUDENT MEMBER : 50



CULTURAL CLUB: to organize various cultural activities. To inculcate the sense of belongingness, Team work, Coordination and amiability. To enhance the social skills in students besides their professional education.

•TEACHER CO-ORDINATOR : Mrs Priyanka Ray

•STUDENT CO-ORDINATOR: Mr Tapas Kumar Bhowmik

•NUMBER OF STUDENT MEMBER : 80

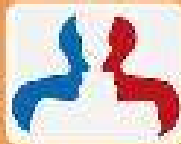


INNOVATIVE & SCIENTIFIC MODEL CLUB :To help students acquire basic knowledge of Pharmacy and Science and develop a scientific way of learning. To develop students' awareness of and concern for scientific issues in personal, social, environmental and technological contexts.

•TEACHER CO-ORDINATOR : Mr SAMRAT BOSE

•STUDENT CO-ORDINATOR: Mr Avik Paul

•NUMBER OF STUDENT MEMBER : 120



DEBATE & EXTEMPORE CLUB: To create a discussion area in which student develop proficiencies based on educational and communication knowledge and critical thought .To develop the skill of understand argumentive discussion in various societal and pharma topics.

•TEACHER CO-ORDINATOR : Mr SOUMYA BHATTACHARYA

•STUDENT CO-ORDINATOR: Mr Anirban Datta

•NUMBER OF STUDENT MEMBER : 30



LITERARY & PAINTING CLUB: To improve Literary skill through routine monitoring & practice. To impart basic knowledge on pattern of writing.

TEACHER CO-ORDINATOR : Mrs JEENATARA BEGUM

STUDENT CO-ORDINATOR: Ms Indira Saha

NUMBER OF STUDENT MEMBER : 69



ECO-CLUB: Creation of awarness among the student about the environment issues.

TEACHER CO-ORDINATOR : Mrs SUMANA ROY

STUDENT CO-ORDINATOR:

NUMBER OF STUDENT MEMBER : 69



PHOTOGRAPHY CLUB: To Promote Creativity through photography, to share & critique the photographs of students , to improve & educate Technical skills in order to spread the love for photography.

TEACHER CO-ORDINATOR : Mr ABIR KOLEY

STUDENT CO-ORDINATOR: Mr Dipesh Hazra

NUMBER OF STUDENT MEMBER : 45.

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ACHIEVEMENTS OF DIFFERENT CLUBS:

DEBATE AND EXTEMPORE CLUB:

| <u>List of Competitions</u> | <u>Achievements</u> |
|--|---------------------------|
| Debate competition in inter college JIS SPIRIT 2014-2015 | Champion- Best Team |
| Quiz competition in inter college JIS SPIRIT 2014-2015 | 2 nd Runner up |

PHOTOGRAPHY CLUB:

| <u>List of Competitions</u> | <u>Achievements</u> |
|--|---|
| Photography competition in Sagar Dutta College of medicine winner - Cultural Feast | Apratim Pal, B.Pharm 2 nd Year |

SPORTS CLUB:

| <u>List of Competitions</u> | <u>Achievements</u> |
|--|---|
| Sardar jodh singh challengers trophy | 1 st runners up |
| Gulabi devi memorial football tournament | 1 st runners up |
| Dr. Sudhir chandra sur memorial trophy | 1 st runners up |
| Athletic meet (university level) | Gold medal winner in 200m race, 400m relay race |

CULTURAL CLUB

| List of Competitions | Achievements |
|---|--|
| 1. Band competition in inter college JIS SPIRIT 2014-2015 | 1 st Runners Up |
| 2. Fashion Show inter college JIS SPIRIT 2014-2015 | 1 st Runners Up |
| 3. Solo Singing in Sagar Dutta College of medicine Cultural Feast | Winner-Sayantan Goswami (B.Pharm 4 th Year) |
| 4. Fashion Show Sagar Dutta College of medicine team Cultural Feast | Winner –GNIPST |
| 5. Recitation inter college JIS SPIRIT 2014-2015 | Winner-Udita Majumdar (B.Pharm 4 th Year) |

3) FACULTY ACHIEVEMENTS

DIFFERENT FACULTY MEMBERS IN EDITORIAL BOARD OF JOURNALS

| Sl.No. | Name of the faculty | Name of the Journal |
|--------|---------------------|------------------------------------|
| 1. | Dr. Asis Bala | Pharmacologia, (ISSN 2044-4648) |
| 2. | Dr. Swati Nandi | Krishi Samachar |

- Ms. Tamalika Charaborty, who is working under the guidance of Dr. Sumana Chatterjee and Dr. Lopamudra Datta has enrolled for Ph.D degree from West Bengal University of Technology. Her title of thesis is “Isolation and Characterization of multidrug resistant bacteria from various sources and screening of Indian medicinal plants for their antimicrobial activity against MDR”
- Mr. Sampat Kumar Kundu is working under the guidance of Dr. Abhijit Sengupta and Dr. Sumana Chatterjee towards enrollment for PhD at West Bengal University of Technology.
- Ms. Priyanka Ray is continuing her PhD under the guidance of Dr. Sumana Chatterjee and Dr. Preona Saha and is enrolled under West Bengal University of Technology.
- Ms. Sumana Ray is doing her PhD under the guidance of Dr. Lopamudra Datta and Dr. Prerona Saha and is enrolled under West Bengal University of Technology.
- Ms. Anuranjita Kundu is continuing her PhD under the able guidance of Dr. Abhijit Sengupta and Dr. Prerona Saha and is enrolled under West Bengal University of Technology.
- Mr. Abir Koley is doing his PhD research work under the able guidance of Dr. Abhijit Sengupta and Dr. Lopamudra Datta and is enrolled under West Bengal University of Technology.
- Mr. Soumya Bhattacharya is doing his PhD. Research work under the able guidance of Dr. Lopamudra Datta and Dr. Sriparna Kundu Sen and is enrolled under West Bengal University of Technology.
- Dr. Sriparna Kundu Sen and Dr. Asis Bala acted as reviewers for “Pharmaceutical Biology”. Dr. Asis Bala acted as reviewer for “Journal of Ethnopharmacology”.

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Academics

a) Departmental Lab wise details of equipment

➤ Department of Pharmaceutical Technology

The Institute procured a variety of instruments in the academic year of 2015-16. The net value of the items procured was Rs.721,742.00/-The list of procurements is given below.

| Item Name | Qty | Rate | Amt | Bill Wise Tax | Net Item Value |
|--------------------------|------|------------|-------------------|------------------|-------------------|
| AUTOCLAVE | 2.00 | 41,000.00 | 82,000.00 | 4,100.00 | 86,100.00 |
| VERTICAL MIDI GEL SYSTEM | 1.00 | 13,650.00 | 13,650.00 | 0.00 | 13,650.00 |
| HEATING MANTLE | 5.00 | 1,500.00 | 7,500.00 | 1,087.50 | 8,587.50 |
| HEATING MANTLE | 2.00 | 1,700.00 | 3,400.00 | 493.00 | 3,893.00 |
| HEATING MANTLE | 1.00 | 1,300.00 | 1,300.00 | 188.50 | 1,488.50 |
| DISTILLATION UNIT | 2.00 | 5,500.00 | 11,000.00 | 736.00 | 11,736.00 |
| FLAME PHOTO METER | 1.00 | 35,000.00 | 35,000.00 | 5,075.00 | 40,075.00 |
| CO2 INCUBATOR | 1.00 | 228,932.00 | 228,932.00 | 0.00 | 228,932.00 |
| PCR | 1.00 | 327,280.00 | 327,280.00 | 0.00 | 327,280.00 |
| TOTAL | | | 710,062.00 | 11,680.00 | 721,742.00 |

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b) Library Books & Journals

There is a total number of 1068 titles and a total of 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 | 1068 |
| No. of Volumes (course-wise) in the College Library | Pharmaceutical Technology | 9241 |
| No. of National Journals (course-wise) in the College Library | Pharmaceutical Technology | 16 |
| No. of International Journals (course-wise) in the College Library | International Journals 97 | |
| No. of E-Journals (course-wise) in the College Library | Total 97 (BENTHAM- 23, DELNET-68STM-6) | |
| 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 | 10 PCs | |

c) Details of E-journals renewal

The Institute renewed subscription of E-journals and softwares STM, NISCAIR, BENTHAM, DELNET, LibSys

| Name of the E-Journal/ Software | Renewal | Approx. Price (Rs) |
|------------------------------------|---------|-----------------------|
| STM | 2014-15 | 22500 |
| NISCAIR | 2014-15 | 29900 |
| BENTHAM | 2014-15 | 75400 |
| DELNET | 2014-15 | 30,000 |
| LibSys | 2014-15 | 13715 |

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| BALANCE SHEET AS AT 31.03.2015 | | | |
|---------------------------------------|---------------|-------------------------|-------------------------|
| LIABILITIES | SCH NO | AMOUNT IN Rs. | |
| | | AS AT 31.03.2015 | AS AT 31.03.2014 |
| CAPITAL FUND | 1 | 49,456,330 | 32,286,341 |
| RESERVE & SURPLUS | 2 | - | - |
| | | 49,456,330 | 32,286,341 |
| APPLICATION OF FUNDS | | | |
| FIXED ASSETS | | | |
| GROSS BLOCK | 3 | 68,774,613 | 65,668,546 |
| LESS: DEPRECIATION | | 35,918,371 | 31,131,024 |
| NET BLOCK | | 32,856,242 | 34,537,521 |
| ADD : CAPITAL WORK IN PROGRESS | | 4,975,098 | 1,719,963 |
| ADD : CAPITAL ADVANCE | 4 | 586,850 | 18,342 |
| | | 38,418,190 | 36,275,826 |
| CURRENT LIABILITIES & PROVISIONS | 5 | - | - |
| FEES RECEIVABLE | | 1,068,313 | 310,100 |
| CASH & BANK BALANCE | | 24,010,703 | 8,815,692 |
| LOANS & ADVANCE | | 867,045 | 788,593 |
| | | 25,946,061 | 9,914,385 |
| LESS : CURRENT LIABILITIES | | - | - |
| CURRENT LIABILITIES | 6 | 6,730,921 | 7,254,870 |
| CAUTION MONEY | 7 | 8,177,000 | 6,649,000 |
| | | 14,907,921 | 13,903,870 |
| NET CURRENT ASSETS | | 11,038,140 | (3,989,485) |
| | | 49,456,330 | 32,286,341 |

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| INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2015 | | | |
|--|------------|--------------------------|--------------------------|
| I N C O M E | SCH NO | AMOUNT IN Rs. | |
| | | YEAR ENDED 31.03.2015 | YEAR ENDED 31.03.2014 |
| COLLEGE FEES | 8 | 43,631,400 | 37,243,400 |
| HOSTEL ACCOUNT (NET) | 9 | 470,650 | 365,150 |
| OTHER INCOME | 10 | 2,542,546 | 1,197,362 |
| TOTAL INCOME | A | 46,644,596 | 38,805,912 |
| EXPENDITURE | | | |
| ADMINISTRATIVE EXPENSES | 12 | 9,117,248 | 5,517,782 |
| TEACHING / TRAINING COST | 11 | 20,969,222 | 16,274,385 |
| INTEREST | 13 | - | 715,021 |
| DEPRECIATION | 3 | 4,787,347 | 4,336,289 |
| TOTAL EXPENDITURE | B | 34,873,817 | 26,843,477 |
| EXCESS OF INCOME OVER EXPENDITURE | A-B | 11,770,779 | 11,962,435 |

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| SCHEDULES ANNEXED TO AND FORMING PART OF BALANCE SHEET | | | | |
|---|-------------------------|-------------------|-------------------------|-------------------|
| | AMOUNT IN Rs. | | AMOUNT IN Rs. | |
| | AS AT 31.03.2015 | | AS AT 31.03.2014 | |
| <u>SCHEDULE 1</u> | | | | |
| Capital Fund - GURUNANAK EDUCATIONAL TRUST | | | | |
| Opening Balance | 32,286,341 | | 24,469,047 | |
| Add: Introduced during the year | 9,400,000 | | 24,095,869 | |
| Less: Refund or Adjusted during the year | 4,000,790 | | 28,241,010 | |
| | 37,685,551 | | 20,323,906 | |
| Add: Surplus / (Dificit) for the year | 11,770,779 | 49,456,330 | 11,962,435 | 32,286,341 |
| Net Capital Fund | | 49,456,330 | | 32,286,341 |
| <u>SCHEDULE 2</u> | | | | |
| Reserve & Surplus | | | | |
| Opening Balance | - | | | |
| Add: Surplus for the year | 11,770,779 | | 11,962,435 | |
| | 11,770,779 | | 11,962,435 | |
| Add: Prior Period | - | | - | |
| | 11,770,779 | | 11,962,435 | |
| Less: Transferred to capital fund | 11,770,779 | | 11,962,435 | |
| | | - | | - |
| <u>SCHEDULE 4</u> | | | | |
| Capital Advance | | | | |
| Lafarge Aggregates & Concrete(I) Pvt Ltd | 5,850 | | | |
| Filtotech Air Control System Pvt Ltd | 581,000 | | | |
| Garuda Power Pvt. Ltd. | - | 586,850 | 18,342 | 18,342 |
| <u>SCHEDULE 5</u> | | | | |
| CURRENT ASSETS , LOANS & ADVANCES | | | | |
| A. CASH & BANK BALANCES | | | | |
| I. Cash In Hand (as certified) | 3,422,141 | | 3,300,666 | |
| II. Cash at Bank | 1,003,109 | 4,425,250 | 1,061,441 | 4,362,107 |

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| | | | | |
|---|---------------|-------------------|------------------|-----------|
| | | | | |
| B. Fixed Deposit | | | | |
| Fixed Deposit Against Bank Guarantee with BOB | | | - | |
| Opening balance | 4,453,585 | | 4,117,416 | |
| Add: Invested During the year | 15,000,000 | | | |
| Add: Interest accrued | 131,868 | | 336,169 | |
| Less. F.D. Encashed during the year | - | 19,585,453 | | 4,453,585 |
| | | - | | 8,815,692 |
| C. SUNDRY ADVANCES | | | | |
| I. Advance to Suppliers | 14,045 | | 36,900 | |
| II. Loan & Advance | 672,500 | | 106,690 | |
| III. Hostel Fees Receivable | - | | - | |
| IV. Tuition Fees Receivable | 1,068,313 | | 310,100 | |
| V. Security Deposit - CESC | 80,400 | | 80,400 | |
| VI. Security Deposit - Telephone | 6,000 | | 6,000 | |
| VII. T.D.S Receivable | - | | 51,603 | |
| VIII. Security Deposit for LPG Gas | 7,000 | | 7,000 | |
| IX. Sundry Receivable | 30,850 | | | |
| X. Security Deposit | - | | 500,000 | 1,098,693 |
| XI. Prepaid Expenses | 56,250 | 1,935,358 | | |
| | | 25,946,061 | | 9,914,385 |
| SCHEDULE 6 | | | | |
| CURRENT LIABILITIES & PROVISIONS | | | | |
| A. Sundry Creditors | | 595,393 | | 1,543,374 |
| I. Hostel fees received in advance | | 167,500 | | 3,000 |
| II. Tuition & Other Fees received in advance | | 5,872,000 | | 5,646,000 |
| III. Bank Balance -Book Overdraft | | - | | - |
| IV. Outstanding Liability | | 70,000 | | 54,612 |
| V. AICTE Grants In Aids | 7,884 | | 1,425,000 | |
| Add: Interest During the Year | 4,520 | | 3,544 | |
| Total: Received Grant-in-Aid | 12,404 | | 1,428,544 | |

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| | | | | |
|--|-------------------------|-------------------|-------------------------|-------------------|
| Less:R&D Activity | - | | 104,518 | |
| Less:R&D Lab Equipment | - | | 1,316,142 | |
| | | 12,404 | | 7,884 |
| VI. Elployees Contribution to ESI & PF | | 285 | | |
| VII. P.Tax Payable | | - | | 4,810 |
| VIII. Liability for Expenses. | | 13,339 | | |
| | | 6,730,921 | | 7,254,870 |
| <u>SCHEDULE 7</u> | | | | |
| <u>CAUTION MONEY</u> | | | | |
| Opening Balance | 6,649,000 | | 4,723,000 | |
| Received During The Year | 2,610,000 | | 2,346,000 | |
| Repaid During The Year | 1,082,000 | | 420,000 | |
| Closing Balance | | 8,177,000 | | 6,649,000 |
| SCHEDULES ANNEXED TO FORMING PART OF INCOME & EXPENDITURE ACCOUNT | | | | |
| | AMOUNT IN Rs. | | AMOUNT IN Rs. | |
| | AS AT 31.03.2015 | | AS AT 31.03.2014 | |
| <u>SCHEDULE 8</u> | | | | |
| TUITION FEES | | | | |
| Tuition Fees | 32,174,900 | | 27,070,400 | |
| Admission Fees | 707,000 | | 624,000 | |
| Library Fees | 470,500 | | 364,500 | |
| Book Bank & Library Fees | | | 1,092,000 | |
| Professional Training & Project Fees | 9,807,000 | | 7,608,500 | |
| Games & Sports | 472,000 | | 484,000 | |
| | - | 43,631,400 | - | 37,243,400 |
| <u>SCHEDULE 9</u> | | | | |
| HOSTEL ACCOUNT | | | | |
| Hostel Fees | 732,250 | | 660,750 | |
| Hostel Admission Fees | 45,000 | | 15,000 | |
| | | 777,250 | | 675,750 |

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| | | | | |
|----------------------------------|------------|-------------------|------------|-------------------|
| Hostel Mess Expenses | 306,600 | | 310,600 | |
| | | 306,600 | | 310,600 |
| | | 470,650 | | 365,150 |
| <u>SCHEDULE 10</u> | | | | |
| OTHER INCOME | | | | |
| Fine | 71,700 | | 46,560 | |
| Provisional Admission Fees | | | | |
| Prospectus | 311,750 | | 278,800 | |
| Uniform Charges | 1,076,000 | | 1,000 | |
| Interest on Savings A/C | 322,290 | | 131,968 | |
| Interest on Fixed Deposit | 131,868 | | 516,022 | |
| Prior Period Income | - | | 54,296 | |
| Center Fees | 43,472 | | | |
| Library Fine | 16,791 | | | |
| Income from Training | 329,700 | | | |
| Other Income | 238,975 | | 168,716 | |
| | | 2,542,546 | | 1,197,362 |
| <u>SCHEDULE 11</u> | | | | |
| TEACHING / TRAINING COSTS | | | | |
| Salary, Bonus & Allowances | 20,646,451 | | 16,139,929 | |
| Honorarium | 272,700 | | | |
| Staff Welfare Expenses | 50,071 | | 134,456 | |
| | | 20,969,222 | | 16,274,385 |
| <u>SCHEDULE 12</u> | | | | |
| ADMINISTRATIVE EXPENSES | | | | |
| Advertisement Expenses | | 2,657,096 | | 580,938 |
| Bank Charges | | 16,722 | | 5,959 |
| Board Meeting Exp. | | 21,000 | | 29,665 |
| Books & Periodicals | | 101,441 | | 30,207 |
| Business Development Expenses | | 100,000 | | |
| Consultancy Fee | | - | | 140,000 |
| Consummables | | | | |

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| | | | | |
|-------------------------------------|--------|------------------|---------|------------------|
| | | 1,094,147 | | 634,165 |
| Examination Exp. | | 26,083 | | |
| Gardening Exp. | | 3,278 | | |
| General Expenses | | 17,613 | | 170,489 |
| Car Hire Charges | | 4,623 | | 2,530 |
| Inspection Expenses | | 74,671 | | 25,772 |
| Insurance Premium | | 14,793 | | 14,880 |
| Legal Charges | | 8,086 | | 15,988 |
| Membership Fees | | 200,000 | | 100,000 |
| Office Expenses | | 121,813 | | 31,027 |
| Outsourceing Exp. | | 777,000 | | 596,490 |
| Postage & Stamp | | 1,395 | | 1,026 |
| Printing & Stationary | | 336,139 | | 208,789 |
| Refreshment Exp. | | 57,790 | | |
| Registration & Affiliation Expenses | | 1,352,153 | | |
| Repair & Maintenance | | 147,500 | | 1,140,967 |
| Scholarship | | 1,010,152 | | |
| Seminer & Conference | | 639 | | |
| Sports & Games | | 40,244 | | |
| Student Welfare | | 74,638 | | 1,739,763 |
| Student kits | | 713,988 | | |
| Telephone & Fax | | 18,429 | | 12,650 |
| Traning & Project Exp. | | 22,908 | | 18,820 |
| Travelling & Conveyance Exps. | | 81,107 | | 17,657 |
| Vehicle Maintenance Exp. | | - | | |
| R & D Activity | 21,800 | | 104,518 | |
| Less:Grant-in-Aid | - | 21,800 | 104,518 | |
| | | 9,117,248 | | 5,517,782 |

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| | | | | |
|----------------------------|---|---|---------|----------------|
| SCHEDULE 13 | | | | |
| INTEREST | | - | | |
| Bank of Baroda (Term Loan) | - | | 715,021 | |
| | | | | |
| | | - | | 715,021 |
| | | | | |