A. RESEARCH ARTICLE


B. SCIENTIFIC POSTER PRESENTATIONS

1. **Raja Chakraverty**, Tatini Debnath, Amitava Ghosh and Anuradha De “Assessment of the impact of a polyherbal antidiabetic formulation on kidney function in diabetic rats” presented at the National Seminar held at Bengal College of Pharmaceutical Sciences and Research in association with SPER during April, 2015.


12. Application of Green Chemistry to carcinogenic chemicals and strategy to minimize the risk of cancer; on 22nd March, 2015; Organized by GUnskara Mahavidyalaya, Gushkara, Burdwan, W.B., India.
C. BOOKS / CHAPTERS


2. **Title of book**: “MCQs IN PHARMACY FOR GPAT”, Author: Sagar Naskar; **Publication date**: January, 2015; **Publisher**: Nirali Prakashan, India.

3. Chapter entitled “Monoclonal antibodies in targeted anticancer therapy” contributed by Sonia Auddy, Amitava Ghosh, Sagar Naskar for the eBook entitled “Recent Trends in Targeted Drug delivery” proposed by **SM Group, USA** (accepted).

4. Editor of the invited eBook chapters entitled “Recent Trends in Targeted Drug delivery” proposed by **SM Group, USA** (for the year of 2015).
PUBLICATIONS AND PRESENTATIONS

2014

RESEARCH/REVIEW ARTICLES


11. Chakraborty Prithviraj, Parcha Versha, Chakraborty D. Debarupa, Ghosh Amitava. Application of artificial neural network model in predicting physicochemical characteristics of pharmaceutically developed wafers of loratadine. *Accepted Asian Journal of Pharmaceutics.* (Impact Factor 0.46)


### PAPER & POSTER PRESENTATIONS

1. **S Sarkar** Poster presentation on Qualitative phytochemical screening & acute toxicity study and LD$_{50}$ determination of *Datura metel*. AICTE sponsored National Conference held on 23$^{rd}$ Jan 2014 on Complex Diseases, Novel therapeutics & Delivery challenges at Gupta College of Technological Sciences, Asansol, India.

2. **S Sarkar** Poster presentation on Mechanism of Snake venom & Antisnake venom. National seminar held on 7$^{th}$ March 2014, on Emerging Thrust Area of Pharmaceuticals in the Field of Nanotechnology By BCDA College of Pharmacy & Technology, Barasat, Kolkata.


4. **Raja Chakraverty** and Amitava Ghosh. Current opinion on the prospects of antiretroviral therapy in the prevention of mother-to-child transmission (MTCT) of HIV at AICTE- sponsored National Seminar at BCDA College Of Pharmacy and Technology, Kolkata in March,2014. (Received Best Poster Award).

5. **Simli Sarkar** Formulation, Preparation, Evaluation and Comparison of Theophylline sustained release tablets using some natural & synthetic agents AICTE sponsored national conference on complex diseases, novel therapeutics and delivery challenges dated on 23rd and 24th January was held on Gupta College of Technological Sciences, Asansol, India.

6. **Prithviraj Chakraborty, Debarupa D. Chakraborty, Amitava Ghosh.** Development of a quick dissolving pharmaceutical wafer of BCS CLASS II drug following FBD approach presented in AICTE sponsored National Seminar on “Recent Developments for Modernization of Indian Traditional Formulations”, 24th – 25th January 2014, Organized by, Columbia Institute of Pharmacy, Raipur (C.G), India.


12. Payel Naskar, Amitava Ghosh, Sagar Naskar. The Possible interaction of vitamin D and obesity with regard to Type II diabetes and insulin resistance presented in AICTE-sponsored National Seminar at BCDA College of Pharmacy and Technology, Kolkata on 7th March, 2014.


20. **Poster presentation** on “MORE Chemistry: Synthesizing Chemicals in Eco Friendly Environment” Moumita Banerjee, **Debarupa D. Chakraborty** at National Seminar on Pharmaceutical Profession and Research in India-Current Scenario and Future Perspectives, organized at Bengal College of Pharmaceutical Sciences and Research, Durgapur in association with APTI, Bengal Branch, 30th August, 2014 (BCPSR/NS/14/81)


23. **Poster presentation** on “Fast Dissolving Tablets: Innovative Technology for suffering Mankind” Juhi Singh, **Sajal Kumar Jha** and **Amitava Ghosh** at National Seminar on Pharmaceutical Profession and Research in India-Current Scenario and Future Perspectives.
Perspectives, organized at Bengal College of Pharmaceutical Sciences and Research, Durgapur in association with APTI, Bengal Branch, 30th August, 2014.


25. Paper presentation at the 4th Annual Conference & International Colloquium of the Toxiconological Society of India (TSICOn) on “Ethnomedicinal plants as a viable alternative to synthetic antisnake venom serum (ASVS) in snakebite therapy: an appraisal” held between November 20-22, 2014 held at Calcutta school of Tropical Medicine, Kolkata.


27. Ethnomedicinal Plants As A Viable Alternative-Antisnakevenom (ASV) In Snake Bite Therapeutics; An Apprasial 4th International Conference And International Colloquium, School Of Tropical Medicine, Kolkata 22-24th November,2014.


Books Published

1. "A BASIC KNOWLEDGE OF PHARMACEUTICAL ANALYSIS" by Prof. Sujit Karmakar and Prof. (Dr.) Amitava Ghosh on June month published by Pharmamedix India Pvt ltd, Rajasthan, India

2. : “A HANDBOOK OF PRACTICAL PHARMACEUTICAL CHEMISTRY” for B.Pharm students; Author: Sagar Naskar; Publication date: August, 2014; Publisher: Pharmamedix, India.

3. “CONCEPTUAL PHARMACY” for Pharmacy students, Author: Sagar Naskar, Mrityunjoy Kundu; Publication status: December, 2014; Publisher: PharmamedixIndia.
The book contains the basic principle of each experiment included in the curriculum as well as all the details. Some important features of the book are as follows:

- Theoretical background of each and every experimental procedure.
- Elaboration of making of reagents as and when required.
- Explanation of result with proper calculative measures.
- Chemical structure, reaction with mechanism & mode of action etc. are included in the book for better understanding the process.

The book is written by using simple language and in concise form to help students retain more. All the subdivision of Pharmaceutical Chemistry (Analysis, Organic, Biochemistry and Medicinal Chemistry) is covered under one umbrella. Teachers can also refer this book for conducting any experiment without wasting their valuable time as it is written according to AICTE syllabus for B. Pharmacy courses. Instrumental aspects are also covered in this book.

Author:
Dr. Sagar Naskar (Ph. Pharm., Ph.D.)
Assistant Professor
Bengal College of Pharmaceutical Sciences & Research
Durgapur, W.B. India.
First hearty congratulations to you for having chosen this book on "A Basic Knowledge of Pharmaceutical Analysis".

I remember Prof. Dr. J. G. Pramanik once discussed with me a similar small idea about the writing a book on Pharmaceutical Analysis for the students of Pharmacy and the Industry Personnel. The handwritten notes that I have prepared for teaching undergraduates & Post graduate of Pharmacy over last 07 years which helped me in preparing this text book.

The idea of writing this book was conceived when our own students found great difficulty in getting a book suited to their academic needs, though there were several related books but they had very high technical standard, complex language as well as introductory part with less relevance to examination point of view. Very majority of the students find this subject to be dull & boring to read & have great difficulty in answering the examination due to poor understanding the knowledge of the chapter.

FEATURES OF THIS BOOK:

Full coverage of the UG & PG syllabus for Pharmaceutical Analysis. Covers all the topics of "A Basic knowledge of Pharmaceutical Analysis" & suitable for the syllabus of all the Indian Universities offering Drug Analysis subject. A very simple language & lucid presentation. Too much solution for various difficult & complex topics are examined in an easy to understand way & in the examination point of view.

Author's:

Prof. S. Karmakar
Assistant Professor
Bengal College of Pharmaceutical Sciences & Research
Bilhara Bag, Durgapur, W.B.

Prof. Dr. A. Ghosh
Principal
Bengal College of Pharmaceutical Sciences & Research
Bilhara Bag, Durgapur, W.B.

The present book entitled "Conceptual Pharmacy" is written in very concise form and designed for the candidates who are preparing for competitive examination. This book conveys the comprehensive information of diverse subject in this discipline. Here the reader will get a brief fundamental content having a degree or diploma or going to be a qualified personal in this field. Apart from getting basic subject knowledge of pharmacy, this book will help immensely to inculcate the subject matter to prepare themselves for different competitive examination either to go for higher studies or in different level of written test for recruitment procedure. The book is written in a simple manner to understand the reader and can memorize in an easiest way. This book contains important portion covering almost all major areas of Pharmacy subject such as Pharmaceutical Chemistry, Pharmacognosy, Pharmacology, Pathochemistry, Biochemistry, Analytical Chemistry, Toxicology, Pharmacy and Microbiology to some extent.

Author's:

Dr. Sagar Naskar (M. Pharm., Ph.D.)
Assistant Professor
Bengal College of Pharmaceutical Sciences & Research
Durgapur, WB, India

Co-Author:

Mr. Mrityunjoy Kundu (M. Pharm.)
Technical Assistant
Department of Chemistry
Bose Institute, Kolkata, WB, India

In this book, the authors provide a comprehensive overview of the field of pharmacy, highlighting the importance of understanding the subject matter for those preparing for competitive examinations. The book covers a range of topics, from pharmaceutical chemistry to pharmacology and toxicology, and is written in a clear, concise manner to facilitate easy understanding and memorization by the reader. It is a valuable resource for students and professionals looking to gain a solid foundation in the field of pharmacy.
PUBLICATIONS AND PRESENTATIONS

2013

RESEARCH/REVIEW ARTICLES


11. Malakar J, Nayak AK, Das A. Modified starch (cationized)–alginate beads containing aceclofenac: Formulation optimization using central composite design. Starch/Sta¨rke. 2013, 00, 1–11(Accepted). (IF-1.243)


**BOOK PUBLISHED**


ORAL/POSTER PRESENTATION IN SEMINAR/CONFERENCE

1. Raja Chakraverty “Recent insights into the association of chronic inflammatory and neurodegenerative processes in clinical impression” National Seminar held on 5th September, 2013 at Gupta College of Technological Sciences, Asansol, India. (Poster Presentation; Best Poster Award)

2. Raja Chakraverty “Recent trends in the clinical trials of novel anxiolytics- an appraisal” National Seminar held on 18th November, 2013 at Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India. (Poster Presentation; Best Poster Award)


4. Narayan Nath, Kironmoy Karmakar, Sipra Sarkar, Raja Chakraverty “Indigenous medicinal plant of Eastern India-a focus on antidiabetics” National Seminar held on 18th November, 2013 at Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India. (Poster Presentation; Second Prize Award)

5. Sipra Sarkar, Shreya Das, Amitava Ghosh “Antisnake venom properties of herbal medicine” National Seminar held on 18th November, 2013 at Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India. (Poster Presentation)

7. Sajal Kumar Jha “Formulation and evaluation of microemulsion drug delivery system containing BCS-III model drug” APTI Annual Convention held at Rajahmundry on 25th to 27th October, 2013. *(Poster Presentation)*

8. Sipra Sarkar, Shreya Das, Amitava Ghosh “Herbal drugs as antiscrake venom-a challenge to antiscrake venom serum” National Seminar held on 18th November, 2013 at Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India. *(Poster Presentation)*

9. Moumita Banerjee, Sipra Sarkar “Herbal drugs in place of conventional NSAIDS drugs” National Seminar held on 18th November, 2013 at Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India. *(Poster Presentation)*

10. Revana Mridha, Kanchan Kr. Day, Raja Chakraborty “Recent insights into the molecular mechanisms of G-protein coupled receptors” in IPSCONWB, 2013 at NRSMC, Kolkata, India. *(Poster Presentation)*

11. Sagar Naskar, Upal Kanti Mazumder “Natural remedies and herb-drug interactions” in IPSCONWB, 2013 at NRSMC, Kolkata, India. *(Oral Presentation)*

2012

RESEARCH/REVIEW ARTICLES


**ORAL PRESENTATION**

1. Sagar Naskar “Hepatoprotective activity of *Cocos nucifera* L. against carbon tetrachloride induced hepatotoxicity in rats” in 12th International Congress of Ethnopharmacology in Jadavpur University, Kolkata, India.


**POSTER PRESENTATION**

1. Sagar Naskar, Upal K. Mazumder. “Instrumentation, standard operating procedure and calibration of the UV-Visible spectrophotometer for testing the quality of medicines” in national seminar of “21st Century Quality Challenges in Pharma Formulation Sector” in B.C. Roy College of Pharmacy and AHS.

2. Sagar Naskar. “Phytochemical screening for the evaluation of herbal drugs” in national seminar of “Recent Research Trends in Herbal Medicine” in B.C. Roy College of Pharmacy and AHS.

3. Sagar Naskar, Upal K. Mazumder. “Instrumentation, standard operating procedure and calibration of the UV-Visible spectrophotometer for testing the quality of medicines” in
national seminar of “21st Century Quality Challenges in Pharma Formulation Sector” in B.C. Roy College of Pharmacy and AHS.

4. Sagar Naskar and Upal K. Mazumder. “Instrumentation and application of HPTLC in the field of pharmaceutical technology” in national seminar of “Recent Research Trends in Herbal Medicine” in B.C. Roy College of Pharmacy and AHS.


14. Swati Som, Sanjay Dey, Amitava Ghosh. “Formulation and in vitro characterization of ethylcellulose sustained release matrix tablets of theophylline” in international seminar of
“1st International Conference on Innovative Pharmacy and Pharmaceutical Sciences” in Bhopal.


BOOK PUBLISHED

Title of book: “BASIC RESEARCH IN FREE RADICALS AND ITS SCAVENGERS”, authors: Sagar Naskar and Upal K. Mazumder; publication date: 10.05.2012, publisher: LAMBERT Academic Publishing.
2011

RESEARCH/REVIEW ARTICLES


2010
