Name:	Mr. SAMRAT BOSE, M.Pharm, MBA.
Photograph:	
Experience:	10 years of experience (Teaching , Research, Sales & Marketing)
Papers published:	**2019:** 1. Ghosh, I. and **Bose, S**., 2019. Danio rerio as a Momentous Model of Cardiovascular Research: A Review. *International Journal of ChemTech Research*, 12(01), pp.191-199. **2018:** 1. Ghosh, I. and **Bose, S.,** 2018. Daniorerio, as a Model for Embryogenic Toxicity Study: A Review. *International Journal of ChemTech Research*, 11(11), pp.193-201.
Conference Proceedings:	**2020:** 1. Bag.R* **Bose S** "Different Technique of Blood collection using Zebrafish Model". International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University in 12 February, 2020 2. Bag.R* **Bose S** "Anti-diabetic activity of *Amorphophallus paeoniifolius* stem extract induced by streptozocin in zebrafish model" in Colloquium 2020 at Jis University on 12th june, 2020 3. Mukherjee S* , **Bose S**, " Determination of blood glucose level by different blood collection techniques from *Danio rerio"* International seminar on " Future of education , Research and prospects in Pharmacy" Jakir Hossain Institute of Pharmacy in 19 January, 2020. 4. Mukherjee S* , **Bose S** "Evaluation of Anti Diabetic activity of *Amorphophallus Paeoniifolius* leaf using *Danio rerio* model ".International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" Jadavpur University on 12 February, 2020. 5. Mukherjee S*, **Bose S**."Phytochemical Evaluation of leaf of *Amorphophallus paeoniifolius* " An International e-conference on " Innovation in Pharmacy and green chemistry during post COVID-19 era" JIS University on 13 jun, 2020. 6. Das A*, **Bose S**,"PHYTOCHEMICAL EVALUATION OF ACACIA AURICULIFORMIS LEAVES". International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, on 12th Feb, 2020 7. Datta S*, **Bose S**, "Zebrafish as a model for obesity and diabetes "International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020

	8. Datta S*, **Bose S**, "A comparative study of anti-obesity activity of *citrus sinesis* and *citrus limon* by using *Danio rerio* model " An International e-conference on " Innovation in Pharmacy and green chemistry during post COVID-19 era" organized by JIS University on 13 jun, 2020. 9. Sarkar P*, **Bose S** ,"ZEBRAFISH IS AN IN-VIVO MODEL TECHNIQUE FOR ANGIOGENESIS",International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. 10. Sarkar P*, **Bose S** "ANTI- ANGIOGENIC STRATEGIES FOR CANCER TREATMENT" in Colloquium 2020 at JIS University on 12th June,2020 11. Mukherjee B*, **Bose S** ,The Linkage Between Reactive Oxygen Species and TNF Signaling Pathway, International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. 12. Kar D*, **Bose S**, A REVIEW ON ZEBRAFISH MODEL AS DEVELOPMENT OF METABOLIC SYNDROME International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. 13. Mistry N*, **Bose S** , TERATOLOGY IN ZEBRAFISH EMBRYO: A TOOL FOR RISK ASSESSMENT OF VARIOUS PHYTOCHEMICALS, in Colloquium 2020 at JIS University on 12th June,2020 . 14. Goswami S*, **Bose S**, The Role of Pegylated Liposomal Doxorubicin on Human Ovarian Cancer ,International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020 15. Saha C*, **Bose S**, "STUDY OF ANTI-ANXIETY EFFECT OF TOBACCO LEAF AND GREEN TEA EXTRACT ON ZEBRAFISH MODEL" International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. 16. Poddar H*, **Bose S**, The influence of exercise on anxiety like behavior in zebrafish (*Danio rerio*) .International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. 17. Poddar H*, **Bose S**, Light/Dark model for studying anxiolytic properties of hydro-alcoholic extract of Pale Catechu, Poster presentation in Colloquium 2020 at JIS University on 13th June,2020 . 18. Ghosh P***, S Bose**, The Potential of Venom Peptides as Therapeutics for Diabetes Mellitus, International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University . on 12 February, 2020. **19.** Samajdar G*, **Bose S**, **"**Establishment Of Anaesthetic Protocol For Zebrafish Embryo By Temperature Modulation With Contaminant Use Of Other Drugs"International seminar on " Future of education , Research and prospects in Pharmacy" Jakir Hossain Institute of Pharmacy in 19 January, 2020. 20. Samajdar G*, **Bose S,** "A Review On Recent Advancement On Neurone Regeneration In Zebrafish Model".International conference on "Present scenario of Bioavailability and Bioequivalence studies and it's Regulatory Affairs" at Jadavpur University on 12 February, 2020. **2019:**

	1. Bag.R* **Bose S** "Effects of D-Glucpse exposure on motor activity by swimming distance during early development of *Danio rerio* :A review" in 33rd Annual Convention of Pharmacy Graduates' Association in Biswa Bangla 17th August, 2019 2. Bag.R* **Bose S** "Evaluation of antianxiety effect of hydroalcoholic extract of *Amorphophallus paeoniifolius* stem by zebrafish model" in National workshop on Pharmacist in improving therapeutic outcomeDr.H.L. Roy auditorium, JU 23rd November, 2019. 3. Bag.R* **Bose S** "Evaluation of anti-diabetic activity of *Amorphophallus paeoniifolius* stem using zebrafish model" in 71st Indian Pharmaceutical Congress in Sri Ramacharan Institute of Higher Education and Research on 20th to 22nd December 2019. 4. Mukherjee S* , **Bose S,** "Zebra Fish as a Model for Obesity and Diabetes" in 33rd Annual Convention of Pharmacy Graduates' Association. Biswa Bangla Convention Centre, Kolkata. in 17th August, 2019 5. Das A*, **Bose S** "GENETICALLY & CHEMICALLY INDUCED ZEBRAFISH MODEL OF DIABETES MELLITUS & METABOLIC MEMORY; A REVIEW" in 33rd Annual Convention of Pharmacy Graduates' Association BISWA BANGLA on 17th August, 2019 6. Sarkar P*, **Bose S**,"CAM ASSAY IS AN IN-VIVO MODEL TECHNIQUE FOR ANGIOGENESIS; A REVIEW" in 33rd Annual Convention of Pharmacy Graduates' Association, BISWA BANGLA. in 17th August, 2019 7. Sarkar P*, **Bose S** " ANTI-ANGIOGENIC ACTIVITY OF NYCTANTHES ARBOR-TRISTIS LEAVES EXTRACT BY CAM ASSAY TECHNIQUE" in 71st Indian Pharmaceutical Congress in Sri Ramachandra Institute of Higher Education and Research on 20th to 22nd December 2019 8. Mukherjee B*, **Bose S**, Angiogenesis Inhibitors, An Approach of Anticancer Treatment: A Review , National workshop on "Pharmacist in Improving Therapeutic Outcome" at Jadavpur University on 23 November, 2019**.** 9. Sarkar P*, **Bose S**,"MARINE SOURCE OF ANTI-CANCER DRUGS; A REVIEW", International Seminar on" Renovation of Pharmaceutical Education Towards the need of the health care system" in Jakir Hossain Institute of Pharmacy, Murshidabad on 27th January, 2019. 10. Mistry N*, **Bose S**,Teratogenic Study of Hydroalcoholic Leaf Extract of Nyctanthes arbor-tristis on Zebrafish (*Danio rerio)* Embryo in 71st Indian Pharmaceutical Congress in Sri Ramacharan Institute of Higher Education and Research on 20th to 22nd December 2019. 11. Mistry N*, **Bose S**,Teratogenicity of corticosteroid Assessed by Zebrafish Model: A Review, in33rd Annual Convention of Pharmacy Graduates' Association Biswa Bangla Convention Centre, New Town, Kolkata-700156 ,on 17th August, 2019 .

	12. Mistry N*, **Bose S** ,Modern Development of Teratogenic Study Considering Zebrafish Model: A Review, International Seminar on" Renovation of Pharmaceutical Education Towards the need of the health care system" Jakir Hossain Institute of Pharmacy, Murshidabad on 27th January, 2019. 13. Nandy M*, **Bose S**,"Latest Treatment of HIV: A Review", in National workshop on Pharmacist in improving therapeutic outcome, Jadavpur University,on 23rd November, 2019 14. Poddar H*, **Bose S**, Role of important growth factors for angiogenesis : A Review, in33rd Annual Convention of Pharmacy Graduates' Association , Biswa Bangla on 17th August, 2019 15. Poddar H*, **Bose S,** Evaluation of Anti-psychotic effect of hydro-alcoholic extract of Pale Catechu using Novel tank test and Shoal Cohesion test, in National workshop on Pharmacist in improving therapeutic outcome, Jadavpur University,on 23rd November, 2019. 16. Poddar H*, **Bose S,** Anti- anxiety effect of Pale Catechu using zebrafish model, in 71st Indian Pharmaceutical Congress in Sri Ramacharan Institute of Higher Education and Research on 20th to 22nd December 2019. 17. Samajdar G*, **Bose S**, NATURAL LIP BALM", International Seminar on "Renovation Of Pharmaceutical Eduction Towards The Need Of The Health Care System", Jakir Hossain Institute Of Pharmacy" on 27th Jan, 2019 18. Samajdar G*, **Bose S,** A Review On Neurone Regeneration Using Omega-3-Fatty Acid In Zebrafish Model, in33rd Annual Convention of Pharmacy Graduates' Association , Biswa Bangla on 17th August, 2019 19. Samajdar G*, **Bose S, "**Evaluation Of Anaesthetic Protocol For Zebrafish Embryo With Lignocaine, Diazepam And Ketamine By Temperature Modulation"in National workshop on Pharmacist in improving therapeutic outcome, Jadavpur University,on 23rd November, 2019 **2018:** 1. Dey S*, **Bose S,** FIGHT OBESITY WITH GREEN TEA, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018, 2. Singh S*, **Bose S**, *ALLIUM SATIVUM* IN BREAST CANCER AND PROSTATE CANCER, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018, 3. Ghosh I*, **Bose S** *CARICA PAPAYA* AS NATURAL SOURCE OF POTENTIAL DENGUE ANTIVIRAL, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018

4. Gayen I*, **Bose S**, MARIBAVIR: A NOVEL ANTIVIRAL AGENT ACTIVITY AGAINST CYTOMEGALOVIRUS, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

5. Sarkar S*, **Bose S**, *ANDROGRAPHIS PANICULATA*: A TRADITIONAL REMEDY FOR FATTY LIVER, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

6. Bora AK*, **Bose S**, ANTI-DIABETIC EFFECT OF CINNAMON EXTRACT ON BLOOD GLUCOSE IN MURINE AND HUMAN MODELS: A REVIEW, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018

7. Sinha A*, **Bose S**, BICYCLOL, A NOVEL SYNTHETIC ANTIHEPATITIS DRUG PROCURED FROM TRADITIONAL HERB SCHISANDRA CHINENSIS, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

8. Dey G*, **Bose S** ,FINGOLIMOD, THE FIRST ORALDRUG FOR MULTIPLE SCLEROSIS, DERIVED FROM MYRIOCIN (ISP-1), A METABOLITE OF THE FUNGUS *ISARIA SINCLARII,* National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018

9. Hazra S*, **Bose S**, EFEECT OF HORSE CHESTNUT IN VARICOSE VEINS, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

10. Datta A*, **Bose S**, MILK THISTLE: USE IN TRADITIONAL AND MODERN MEDICINE, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

11. Manna S*, **Bose S**, ANTI-HYPERGLYCEMIC AND ANALGESIC EFFECT OF ALL PART OF MUSA PARADISIACA EXTRACT ON MODERN TECHNIQUES: A REVIEW, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018,

	12. Das R1*, **Bose S** ,A COMPARATIVE EVALUATION OF ANTICANCER ACTIVITIES OF FLAVONOIDS ISOLATED FROM *MIMOSA PUDICA* , ALOE VERA AND *PHYLLANTHUS NIRURI* AGAINST HUMAN BREAST CARCINOMA CELL LINE (MCF-7) USING MTT ASSAY-A REVIEW, National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques, at Gandhi Bhavan, Jadavpur University, 14th September, 2018, **2017:** 1. Puja Adhikary , **Samrat Bose**, EFFECT OF BIODIVERSITY ON AQUIRED IMMUNE SYSTEM, NATIONAL SEMINAR ON BIODIVERSITY "CONSERVATION OF BIODIVERSITY AND SUSTAINABLE USE OF BIOLOGICAL RESOURCES", at Guru Nanak Institute of Pharmaceutical Science and Technology, 1st September, 2017