Name:	MOUMITA CHOWDHURY
Photograph:	
Experience:	8yrs
Papers published:	**2018:** 1. Porous microspheres: Synthesis, characterization and applications in pharmaceutical and medical field; International Journal of Pharmaceutics 2018, 548, 34-48 **2017:** 1. **Moumita Chowdhury**, Abhijit Sengupta, Sumana Chatterjee, Lopamudra Datta. Extraction and physicochemical characterization of *Basella alba L* fruit mucilage and its comparative study ; Journal of Innovations in Pharmaceutical and Biological Sciences; June 2017, Vol 5 (2), 82-86 2. **Moumita Chowdhury**, Abhijit Sengupta, Lopamudra Datta, Sumana Chatterjee. Role of mucilage as pharmaceutical additives and cytoprotective agent; Journal of Innovations in Pharmaceutical and Biological Sciences; June 2017, Vol 4 (2), 46-52 **2014:** 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,July 2014,Vol 68,

	241-246 2. Sabyasachi Maiti, **Moumita Chowdhury**, Amrita Chakraborty , Somasree Ray, Biswanath Sa Sulphated locust bean hydrogels for immediate analgesic effect of Tramadol hydrochloride; Journal of Scientific and Industrial research; Jan'14, Vol. 73, 21-28 **2013:** 1. Sabyasachi Maiti, **Moumita Chowdhury**, Rana Datta, Somasree Ray, Biswanath Sa. Novel gastro ulcer protective micro(hydro) gels of sulphated locust bean gum of aluminium complex for immediate release of Diclofenac sodium; Journal of Drug targeting, Apr 2013, Vol. 21, No. 3: 265–276
Conference Proceedings:	**2020:** 2. Formulation and evaluation of Terbinafine microemulsion as topical drug delivery system (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P001 3. Pro 140, A Recent Advancement In HIV Therapy (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P019 4. Gastroretentive Drug Delivery Systems: A Method To Enhance Bioavailability (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P006 5. Formulation of Anti fungal transdermal patch (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P078 6. Phase IV Clinical Trials: A Review (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF

	BA/BE P081 7. Bioavailability Study of Dosage form containing mucilage (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P086 8. Insight Of Bioequivalence (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P090 9. A Brief Review On Phase I,II,III Clinical Trials (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P100 10. Bioavailability And Drug Stability (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P105 11. Extraction of mucilage from Basella alba fruits and its fabrication into Gastroretentive dosage form. (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P114 12. Solubility: A Measure To Enhance Bioavailability (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P135 13. Evaluation of microspheres obtained from mucilage of Abelmoschus esculentus fruits (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P137 14. Enhancement of Bioavailability: A Review (International Conference on Present Scenario of Bioavailability and Bioequivalence Studies and its Regulatory Affairs, 12th Feb, 2020) Abstract No. INT-CONF BA/BE P144

	2019: 1. Silver nanoparticles: Challenges and opportunities (National seminar on Present scenario, challenges and future perspective of drug discovery and smart delivery system development, 6th April, 2019) Abstract No. GCTS/NC-APR'2019/PTRA/P-18 2. Fluoroquinolone, A Ray of hope in antibiotic resistance crisis (International seminar on Renovation of Pharmaceutical education towards the need of the healthcare system, 27th January, 2019) Abstract No. JHIP-INT-SEMINAR/P-09/2019 3. Newer beta blocker for the management of hypertension (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/031 4. Comparative study of Trandolapril over other ACE inhibitor (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/032 5. Natural gum as Pharmaceutical additives (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/017 6. Development of gastroretentive floating microsphere for site specific drug release (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/004 7. Porous microspheres and their applications in pharmaceutical field (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/040 8. Diabetic neuropathy: underlying pathology and opportunities in treatment (33rd Annual Convention of IPGA on Pharma techies need transformation, 17th August, 2019) Abstract No. IPGACON/2019/062 9. Preparation and evaluation of Sustained release microsphere of Chlorpheniramine maleate using sodium alginate (National workshop on Pharmacist in improving therapeutic outcome, 23rd Nov, 2019) Abstract No. NWP-028/P-34 10. Development of Chlorpheniramine maleate loaded floating microspheres prepared by effervescent technique (National workshop on Pharmacist in

	improving therapeutic outcome, 23rd Nov, 2019) Abstract No. NWP-027/P-33 **2017:** 1. Formulation and Evaluation of Bilayer floating tablet. (National Seminar on Conservation of Biodiversity and sustainable use of biological resources on 1st September 2017) Abstract No. CBSBR- GNIPST-0007 2. Formulation and Evaluation of Dexamethasone Floating tablet using *Basella alba* fruit mucilage (International Seminar on Drug Discovery and Development World Congress on 20th -22nd September 2017) 3. A Revolution in drug delivery: Silver Nanoparticles (National Seminar on Clinical research in Recent Pharmaceutical Sciences, 22nd November, 2017) Abstract No. CRRPS-JU-2017-021 4. Comparative Evaluation of Floating Tablet and Its Modification to Bilayer dosage form (National Seminar on Clinical research in Recent Pharmaceutical Sciences, 22nd November, 2017) Abstract No. CRRPS-JU-2017-004 **2015:** 1. Extraction and Characterization of mucilage from the fruits of *Basella Alba L*. and its comparative study (2nd National Convention of SFE on Integrated approaches for Promotion and development of Herbal medicine- Dec 5-6, 2015) Abstract No. SFE/CONV/15/..41 **2014:** 2. Mucilages as additives and cytoprotective in Pharmaceutical formulation (National Seminar on Opportunities in Medicinal Plant Research; 1st Convention of SFE- India, Nov 29-30, 2014) Abstract No. SFE/SNPSJU/103 **2012:** 1. Immediate Release Hydrogel Beads of Sulfated Locust Bean Gum for Quick Analgesia; (National conference on Biopolymers, Bioactive agents and Delivery strategies; Gupta College of Technological Sciences, Asansol , 8th April, 2012). Abstract No. OPCT 07

Patents:	Granted: 2019 Title: “Novel polysaccharide based amphiphilic copolymer and preparation of anti rhinitis micellar solution thereof” Year: Authority: Controller General of Patents, Design and Trademarks (CGPDTM) Published: Title: “Novel polysaccharide based amphiphilic copolymer and preparation of anti rhinitis micellar solution thereof” Year: 2014 Authority: Controller General of Patents, Design and Trademarks (CGPDTM)