Name:	DEBABRATA GHOSH DASTIDAR
Photograph:	
Experience:	11 YEARS
Awards and Recognition:	2020: Honorary Rosalind Member of London Journals Press, with the Membership ID#ZP95371 2019: a. Award for excellent research publication by JIS group. b. Award for excellent publications with students by JIS group. 2018: 'Outstanding Paper Award' in 3rd Regional Science and Technology Congress (Southern Region) organized by Department of Science and Technology & Biotechnology, Govt. of West Bengal. 2015: Best Faculty of the Department of Pharmacy, Guru Nanak Institute of Pharmaceutical Science and Technology, Panihati, Kolkata-700114; awarded in Samman 2015, organized by JIS Group.
Books/ Chapter published:	2019: Ghosh Dastidar, D. and G. Chakrabarti, Chapter 6 - Thermoresponsive Drug Delivery Systems, Characterization and Application In the book Applications of Targeted Nano Drugs and Delivery Systems. (2019)
Papers published:	2020: 1. Dipanwita Das Mukherjee, N. MaruthiKumar, Mukund P.Tantak, Satabdi Datta, Debabrata Ghosh Dastidar, Dalip Kumar, Gopal Chakrabarti NMK-BH2, a novel microtubule-depolymerising bis (indolyl)-hydrazide-hydrazone, induces apoptotic and autophagic cell death in cervical cancer cells by binding to tubulin at colchicine – Site Biochimica et Biophysica Acta - Molecular Cell Research (02.06.2020)

	2. Debabrata Ghosh Dastidar, Dipanjan Ghosh, Gopal Chakrabarti. Tumour vasculature targeted anti-cancer therapy. Vessel Plus. (27th May, 2020). 3. Paul, S., S. Chakrabarty, S. Ghosh, D. Nag, A. Das, D.G. Dastidar, M. Dasgupta, N. Dutta, M. Kumari, M. Pal, and G. Chakrabarti, Targeting cellular microtubule by phytochemical apocynin exhibits autophagy-mediated apoptosis to inhibit lung carcinoma progression and tumorigenesis Phytomedicine. (February, 2020) 4. Ghosh Dastidar, D., S. Saha, G. Dutta, S. Abat, N. Guha, and D. Ghosh. Surface functionalization of porous chitosan microsphere with silver nanoparticle and carbon dot.Materials Research Express. (6th January, 2020) 2019: 1. Ghosh, D., D.G. Dastidar, D. Banerjee, and S. Chatterjee pH-Triggered in-situ release of silver nanoparticle in hydrogel for topical applications Biomedical Physics & Engineering Express. (25.09.2019) 2. Debabrata Ghosh Dastidar, Souvik Ghosh, Abhijit Sengupta, Dipanjan Ghosh, Dibya Das, Gouranga Dutta, and N. Guha Production and Characterization of Self Emulsifying Tablet of Dexamethasone. International Journal of Pharmaceutical Research (04.11.2019) 3. Dastidar, D.G., A. Das, S. Datta, S. Ghosh, M. Pal, N.S. Thakur, U.C. Banerjee, and G. Chakrabarti Paclitaxel-encapsulated core-shell nanoparticle of cetyl alcohol for active targeted delivery through oral route Nanomedicine (Lond) (14.08.2019) 4. Chakraborty, P., D.G. Dastidar, P. Paul, S. Dutta, D. Basu, S.R. Sharma, S. Basu, R.K. Sarker, A. Sen, A. Sarkar, and P. Tribedi, Inhibition of Biofilm Formation of Pseudomonas Aeruginosa by Caffeine: A Potential Approach for Sustainable Management of Biofilm. Archives of Microbiology (27.11.2019). 5. Subhendu Chakrabarty, Debasish Nag, Arnab Ganguli, Amlan Das, Debabrata Ghosh Dastidar, Gopal Chakrabarti. Theaflavin and epigallocatechin-3-gallate Synergistically Induce Apoptosis Through Inhibition of PI3K/Akt Signaling Upon Depolymerizing Microtubules in HeLa Cells. Journal of cellular biochemistry (April, 2019).

	2018: 1. Ghosh Dastidar, D., S. Saha, and M. Chowdhury. Porous Microspheres: Synthesis, Characterisation and Applications in Pharmaceutical & Medical Fields International Journal of Pharmaceutics. (22.06.2018) 2. DIPANJAN GHOSH, DEBABRATA GHOSH DASTIDAR, RITAM BAIRAGI, SWATI ABAT, ARINDAM CHATTERJEE. Effect of particle size on dissolution profile of ciprofloxacin hydrochloride from floating matrix tablet. International journal of pharmaceutical research. International Journal of Pharmaceutical Research. (May, 2018) 2017: 1. Debabrata Ghosh Dastidar, Suvam Ghosh, and S. Chatterjee. Application of D-optimal mixture design for optimization of production parameters of fast and complete release dexamethasone amorphous solid dispersion tablet. Journal of Innovations in Pharmaceutical and Biological Sciences (November, 2017)
Conference Proceedings:	2020: 1. Abu Sufian, Namrata Chakraborty, Arpan Chatterjee, Debabrata Ghosh Dastidar. Prepation and evaluation of ketoconazole loaded transdermal patch. NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 2. Avinandan Ash, Anirban Roy, Aditya Hazra, Debabrata Ghosh Dastidar. Comparison of dissolution profile of commercially available diclofenac sodium tablet. NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 3. Pratyush Das, Sagar Maiti, Debabrata Ghosh Dastidar. Development and evaluation of rate controlled matrix tablet of aceclofena. NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 4. Sagar Maiti, Pratyush Das,Rishab Roychoudhury, Debabrata Ghosh Dastidar. Effect of binder on the dissolution profile of diclofenac sodium tablets.NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 5. Sayan Sarkar, Subhashish Saha, Debjani Saha, Debabrata Ghosh Dastidar. Development of UV spectrometry method for estimation of ketoconazole in tablet dosage form. NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 6. Swetlina Mishra, Pamolita Paul, Anik Mondal, Debabrata Ghosh Dastidar. Spectrophotometric method for simultaneous estimation of diclofenac sodium and metronidazole in combined

	dosage form. NATIONAL WORKSHOP ON PHARMACIST IN IMPROVING THERAPEUTIC OUTCOME (23rd Nov, 2019). 2019: 1. Dual Responsive Nanogel: Synthesis, Characterization and Applications in Cancer Therapy. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad. (January 27, 2019) 2. Effects of Vitamin A on HIV/AIDS Patients. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad. (January 27, 2019) 3. Liposomes in Cancer Therapy. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad. (January 27, 2019) 4. Mesoporous Particles: Synthesis and Pharmaceutical Applications. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad. (January 27, 2019) 5. Silver Nanoparticles in Tissue Regeneration. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad.(January 27, 2019) 6. Use of Nanoparticles for Waste Water Treatment. Jakir Hossain Institute of Pharmacy, Miapur Raghunatganj, Mursidabad. (January 27, 2019) 7. Recent Advancement in Biopharmaceutical Development. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 8. Artificial Neural Networking in Modern Therapy. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 9. Telepharmacy. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 10. Biomedical Applications of Carbon Dot. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 11. Designing Of Biosensor With Carbon Dots. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) Artificial Neural Networking For Pharmaceutical Formulation Development. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019)

	12. Sustained release tablet as a novel drug delivery system. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 13. Lipid-polymer Hybrid Nanoparticles. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 14. Active Targeting Strategies in Cancer Therapy. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 15. Oral delivery of Biopharmaceuticals. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 16. Porous Microspheres for Pulmonary Drug Delivery. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 17. Chromatographic Separation of Biomolecules. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 18. Aquasomes. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 19. Intellectual Property Rights. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 20. Gastro-Retentive Drug Delivery System. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 21. Water Soluble Derivatives of Chitosan. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 22. Molecular Modelling Tools-Advancement in Drug Discovery Process. Indian Pharmacy Graduates' Association, Bengal Branch and IPGA welfare trust (August 17, 2019) 2018: 1. Preparation & characterization of fluorescent probe encapsulated liposome. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). Method development of calcium alginate nanoparticles. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 2. Synthesis and characterization of fluorescent Carbon nanoparticle probe for drug delivery and bioimaging. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 3. Chitosan conjugated silver nanoparticle for burns & wound healing as a smart tissue regenerative medicine. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018).

	4. Preparation & characterization of Carbon Dots. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 5. Porous Chitosan Microspheres loaded with Erythromycin for lung infection. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 6. Chitosan Porous Microspheres Coated with Silver nanoparticle. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 7. Synthesis of water soluble hydrophobically modified chitosan for haemostasis. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 8. Synthesis & characterization of Mesoporous particles. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 9. Carbon dot coated porous chitosan microsphere. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 10. Synthesis & characterization of Antibiotic loaded periodontal film. Department of Higher education, Science and Technology and Biotechnology, Govt. of West Bengal. (December 18-19, 2018). 2015: Safety of Herbal Medicine: From Prejudice to EvidenceSociety for Ethnopharmacology and School of Natural Product Science, Jadavpur university. 2nd National Convention of SFE on Integrated approaches for Promotion and development of Herbal medicine. (December 5-6, 2015)
Patents:	Published: 03 Title: 1. Oil Based Floor Cleaning and Disinfecting Composition 2. Vanishing Soap Paper 3. A Synergistic Herbal Composition to Prevent Teeth and Gum Infection and the Process of Preparing There of Year: 2018 Authority: Indian Patent Office