

DR. (Mrs.) R. MAZUMDER

PATENT: Total: 01 (Published)

1. Mazumder Rupa, "Glycosomes of Natamycin for Treatment of Ophthalmic Fungal Keratitis", Application No. 201911040868 A, International Classification No. A61K31/519, Filed on 9th October, 2019, Published on 25th October, 2019.

FULL BOOK AUTHORSHIP: Total: 02

1. DasPaul Swarnali, Mazumder Avijit, Mazumder Rupa, **Advanced Pharmaceutical Formulation**, Birla Publications Pvt. Ltd., Delhi, 2013.
2. Mazumder Dr. Rupa, Majee Chandana, Chakraborty Dr. G. S., **Characterization of bio-active molecule from *Andrographis paniculata***, LAP LAMBERT Academic Publishing, Germany, 2011.

CONTRIBUTION IN BOOK CHAPTERS: Total: 07

1. Mishra N., Mazumder Avijit, Mazumder Rupa, Basu A., Pattnaik Ashok, "Nyctanthes arbor-tristis: a Review", in **Medicinal Plants: Varied Uses**, Trivedi P. C. (Ed.), I.K. International Publishing House Pvt. Ltd, New Delhi, 2007.
2. Mazumder Avijit., Mazumder Rupa, ". "Evaluation of *in vitro* antifungal activity of *Phyllanthus amarus*", in **Medicinal Plants: Varied Uses**, Trivedi PC. (Ed.), Pointer Publisher, Jaipur, 2007.
3. Mazumder Avijit., Mazumder Rupa, "Pharmacological properties of *Moringa oleifera* leaf extract: Screening for analgesic and antipyretic action in rats and mice", in **Medicinal Plants: Varied Uses**, Trivedi PC. (Ed.), Pointer Publisher, Jaipur, 2007.
4. Mazumder Avijit, Lahkar V., Mazumder Rupa, "*In vitro* antibacterial potentiality of leaves of *Cassia tora*: an ethno medical herbal remedy in Ranchi", in **Recent Progress in Medicinal Plants**, Govil J. N. (Ed.), Stadium Press LLC, Houston, Texas, USA, 2005.
5. Mazumder Avijit, Mazumder Rupa, "Studies on neuropharmacological profile of *Lagerstroemia parviflora* Roxb. leaf extract in animal model", in **Recent Progress in Medicinal Plants**, Vol. 12, Govil J. N. (Ed.), Stadium Press LLC, Houston, Texas, USA, 2005.
6. Mazumder Avijit., Mazumder Rupa, "Herbal remedies to antibacterial therapy: its current status in 21st century" in **Medicinal Plants**, Trivedi P. C. (Ed.), 2004.
7. Mazumder Rupa., Dastidar S. G., Chakrabarty A. N., "**Non antibiotics- a new class of unrecognized antimicrobics**" NISCOM Publication, New Delhi, 1998.

TOTAL PUBLICATIONS:

Total: 221

A) International Journal:

Total - 83

1. Gupta Priya, Mazumder Rupa, Padhi Swarupanjali, “Development of Natamycin Loaded Glycosomes–A Novel Approach to Defend Ophthalmic Keratitis”, **Indian Journal of Pharmaceutical Education and Research**, 54(2), s163-s172, Apr-Jun, 2020. (ISSN: 0019 – 5464; **SCI Expanded**; **Scopus**; **Peer Reviewed**; **Thomson Reuters Publication**) (Article DOI: 10.5530/ijper.54.2s.72; Article URL: <http://ijper.org/article/1166>)
2. Majee Chandana, Mazumder Rupa, Choudhary Alka N., “Pharmacognostical Evaluation and Preliminary Phytochemical Analysis of Different Parts of *Lagerstroemia Speciosa*”, **International Journal of Pharmaceutical Sciences and Research (IJPSR)**, 11(8), 1000-1007, 2020. (ISSN (Online): 0975-8232; ISSN (Print): 2320-5148; **Scopus**; **Peer Reviewed**; **Thomson Reuters Publisher**) (ACCEPTED)
3. Dhaka Monika, Mazumder Rupa, Haque Md Rafiul, “Preparation and Assessment of Ocular Inserts Containing Sulbactam for Controlled Drug Delivery”, **Journal of Drug Delivery & Therapeutics**, 10(1-s), 66-71, 2020. (Online ISSN: 2250-1177; **Peer Reviewed**; **Society of Pharmaceutical Technocrats, Vinita Nagar**)
4. Gauniya Anju, Mazumder Rupa, Pathak Kamla, “Enhancement of Permeability and Dissolution Profile of Poorly Permeable Drug by Using Controlled Crystallization Bottom Up Technique”, **Latin American Journal of Pharmacy**, (ISSN / eISSN: 0326-2383 (printed ed.); ISSN 2362-3853 (on line ed.); **Science Citation Index (SCI)**; **Peer Reviewed**; **Publisher: Colegio Farmaceuticos Provincia De Buenos Aires, Dept Cientifico, Thomson Reuters Publication**) Accepted.
5. Majee Chandana, Mazumder Avijit, Mazumder Rupa, Choudhary Alka N., “Determination of Total Phenolic Content and Total Antioxidant Activity in Various Parts of *Trapa bispinosa*”, **Journal of Pharmaceutical Sciences and Research**, 11(11), 3625-3627, 2019. (Monthly; ISSN: 0975-1459; CODEN: JPSRC9; **Scopus (Elsevier)**; ICV: 4.86; **PharmaInfo Publications**)

6. Kumari Leena, Salahuddin, Mazumder Avijit, Pandey Daman, Yar Mohammad Shahaar, Kumar Rajnish, Mazumder Rupa, Mohammad Sarafroz, Ahsan Mohamed Jawer, Kumar Vivek, Gupta Sushma, "Synthesis, and Biological Potentials of Quinoline Analogues: A Review of Literature", **Mini-Reviews in Organic Chemistry**, 16(7), 653 – 688, 2019. (DOI: 10.2174/1570193X16666190213105146) (ISSN: 1875-6298 (Online); ISSN: 1570-193X (Print); Impact Factor: 1.12; SCI Expanded; Scopus; Peer Reviewed; Bentham Science Publishers)
7. Mishra Rakhi, Mazumder Avijit, Mazumder Rupa, Mishra Prem Shankar, Chaudhary Preeti, "Docking Study and Result Conclusion of Heterocyclic Derivatives having Urea and Acyl Moiety", **Asian Journal of Biomedical and Pharmaceutical Sciences**, 9(67), 13-67, 2019. (ISSN: 2249 – 622X; Google Scholar H-Index: 16; Journal Impact Factor: 0.96; 5 Years Impact Factor: 2.64; Literati Scientific and Publishers, Asian Biomedical and Pharmaceutical Research Association, Aurangabad)
8. Padhi Swarupanjali, Mazumder Rupa, Bisth Shradha, "Development and Application of Lipid Nanotechnology on Infectious Diseases of CNS – Current Scenario", **Indian Journal of Pharmaceutical Education and Research**, 53(3), 355-365, Jul-Sep, 2019. (ISSN: 0019 – 5464; SCI Expanded; Scopus; Peer Reviewed; Thomson Reuters Publication)
9. Das Paul Swarnali, Mazumder Rupa, "Formulation and Evaluation of Atenolol Nanocrystals using 3(2) Full Factorial Design", **Nanoscience & Nanotechnology-Asia**, 2019. 10.2174/2210681209666190220120053, 9(4), 2019 (Accepted) (ISSN (Print): 2210-6812; ISSN (Online): 2210-6820; Scopus; Peer Reviewed; SciFinder; Bentham Science Publishers)
10. Majee Chandana, Mazumder Rupa, Choudhary Alka N., "Medicinal Plants with Anti-ulcer and Hepatoprotective Activity: A Review", **International Journal of Pharmaceutical Sciences and Research (IJPSR)**, 10(1), 1-11, 2019. (ISSN (Online): 0975-8232; ISSN (Print): 2320-5148; Scopus; Peer Reviewed; Thomson Reuters Publisher)
11. Barua Rohit, Mazumder Rupa, "Review on Microneedles - An Innovative Approach to Transdermal Drug Delivery", **International Journal of Research and Reviews in Pharmacy and Applied Sciences**, 8(1), 107-118, 2018. (<http://ijrrpas.com/review-on->

- microneedles-an-innovative-approach-to-transdermal-drug-delivery/) (ISSN: 2076-734X, EISSN: 2076-7366; Peer Reviewed)
12. Kumar Rohit, Mazumder Rupa, Padhi Swarupanjali, “Gastro-retentive Drug Delivery System – An Overview”, **International Journal of Research and Reviews in Pharmacy and Applied Sciences**, 8(1), 88-100, 2018. <http://ijrrpas.com/gastro-retentive-drug-delivery-system-an-overview/> (ISSN: 2076-734X, EISSN: 2076-7366; Peer Reviewed)
 13. Kumar Praveen, Mazumder Rupa, “Comparative Study on Formulation and Evaluation of Microemulsion Based Gel of Curcumin with Different Combinations of Polymers”, **World Journal of Pharmaceutical Research**, 7(15), 445-466, 2018. DOI: 10.20959/wjpr201815-1279. (ISSN: 2277 – 7105; Peer Reviewed)
 14. Kumar Sachin, Mazumder Rupa, “Preparation and characterization of floating tablets of venlafaxine hydrochloride: an approach for depression treatment”, **Asian Journal of Pharmaceutics (AJP)**, 12(1), S296-S303, 2018. (ISSN: 0973-8398 (print); 1998-409X (web); Scopus; Peer Reviewed; Medknow Publications)
 15. Kumar Sachin, Mazumder Rupa, “Development and optimization of venlafaxine hydrochloride floating microspheres using response surface plots”, **Marmara Pharmaceutical Journal**, 22(2), 277-285, 2018. (ISSN: 1309-0801; Scopus; Peer Reviewed; Marmara University, Turkey)
 16. Kumar Sachin, Mazumder Rupa, “Formulation, Evaluation and Radiographic Study of Stomach Specific Floating Tablets Containing Venlafaxine Hydrochloride for Treatment of Depression”, **International Journal of Pharmaceutical Sciences and Research (IJPSR)**, 9(8), 3493-3500, 2018. (ISSN (Online):0975-8232; ISSN (Print): 2320-5148; eSCI; Impact Factor: 0.83; Peer Reviewed; Thomson Reuters)
 17. Salahuddin, Mazumder A., Shahar Yar M., Mazumder R., Chakraborty G. S., Ahsan Mohamed Jawed, Rahman Mujeeb Ur, “Updates on Synthesis and Biological Activities of 1,3,4-oxadiazole: A Review”, **Synthetic Communications**, 47(20), 1805–1847, 2017. (ISSN: 0039-7911 (Print); 1532-24932 (Online); Impact Factor: 1.7; SCI; Peer Reviewed; Taylor & Francis Publications, Philadelphia, USA)
 18. Kumar Pawan, Mazumder Rupa, “Preparation and *In Vitro* and *In Vivo* Characterization of Solid Dispersion Tablets of Azithromycin by Melting Method”, **International**

- Journal of Research and Development in Pharmacy and Life Sciences (IJRDPL)**, 6(5), 2517-2521, 2017. [e-ISSN: 2278-0238; Print ISSN: 2393-932X; Peer Reviewed; SRDE (Society for research and Development in Education) Publication]
19. Kumar Pawan, Mazumder Rupa, "Preparation and *In Vitro* Evaluation of Azithromycin Solid Dispersion Tablets using PEG-6000", **Asian Journal of Biochemical and Pharmaceutical Research**, 7(3), 1-10, 2017. (ISSN: 2231-2560; Peer Reviewed; **Academica Editores Publication**)
 20. Kumar Pawan, Mazumder Rupa, "Solid Dispersion: Improvement of Aqueous Solubility of Poorly Soluble Drug", **Asian Journal of Biochemical and Pharmaceutical Research**, 1(7), 2231-2560, 2017. (ISSN: 2231-2560; Peer Reviewed; **Academica Editores Publication**)
 21. Yadav Neha, Mazumder Rupa, Padhi Swarupanjali, "Development of Sustained Release Microspheres of Haloperidol using Different Polymers", **World Journal of Pharmacy and Pharmaceutical Sciences**, 6(1), 774-783, 2017. (ISSN: 2278-4357; **Scopus**; Peer Reviewed)
 22. Singh Neha, Mazumder Rupa, Das Swarnali, "Preparation and *In vitro* Evaluation of an Anti-bacterial In Situ Ophthalmic Gel", **Current Nanomedicine**, 7(1), 67-72, 2017. (ISSN: 2468-1881 (Online); ISSN: 2468-1873 (Print); Peer Reviewed; **Bentham Science Publishers**)
 23. Singhal Aditi, Mazumder Rupa, Mazumder Avijit, Chakraborty, "Phytochemical screening and antioxidant property of methanolic extract of *Bauhinia variegata* leaves", **Advance Pharmaceutical Journal**, 1(4), 90-94, 2016. (PEER REVIEWED)
 24. Gauniya Anju, Mazumder Rupa, Pathak Kamla, "Enhancement of Dissolution Profile of Poorly Water Soluble Drugs by Using Techniques of Nanocrystallization", **Current Nanomedicine**, 6(3), 240-250, 2016. (PEER REVIEWED)
 25. Nimse Satish Balasaheb, Pal Dilipkumar, Mazumder Avijit, Mazumder Rupa, "Synthesis of Cinnamanilide Derivatives and Their Antioxidant and Antimicrobial Activity", **Journal of Chemistry**, Article ID 208910, <http://dx.doi.org/10.1155/2015/208910>, 2015. (TMR Impact Factor: 0.772)
 26. Gauniya Anju, Mazumder Rupa, Pathak Kamala, "Formulation, optimization and characterization of ziprasidone nanocrystals prepared by media milling technique",

- International Journal of Pharmacy and Pharmaceutical Sciences**, 7(8), 146-150, 2015. [IC Value: 5.00; SJR: 0.3]
27. Pahwa Shilpa, Mazumder Rupa, Bhattacharya S., "Isolation of coumarin compound from the bark of *Bauhinia purpurea*", **International Journal of Pharmaceutical Sciences & Research**, 6(1), 267-272, 2015.
 28. Mazumder R., Sharma M., Mishra A., "Formulation And Evaluation of Floating Microsphere of Amlodipine Besylate by using Ethylcellulose and HPMC", **Pharmacophore**, 5(4), 2014. (IC Value: 5.09; Impact Factor: 1.728)
 29. Gauniya Anju, Mazumder Rupa, Pathak Kamala, "Nanocrystals: A challenge for improved drug delivery", **Asian Journal of Biomedical and Pharmaceutical Research**, 4(3), 282-292, 2014.
 30. Garg Seema., Chandra Amrisha, Mazumder Avijit, Mazumder Rupa, "Analgesic potential of hydrogels of silver nanoparticles using aqueous extract of *Saraca indica* bark", **International Journal of Sciences and Pharmaceutical Research**, 5(1), 240-245, 2014.
 31. Garg Seema, Chandra Amrisha, Mazumder Avijit, Mazumder Rupa "Green synthesis of silver nanoparticles using *Arnebia nobilis* root extract and wound healing potential of its hydrogel", **Asian Journal of Pharmaceutics**, 8, 95-101, 2014.
 32. Sharma Rajni, Mazumder Rupa, Sharma Archana, "Enhancement of dissolution profile of albendazole by solid dispersion and formulation of tablet using poloxamer 188 and PEG 4000", **International Research Journal of Humanities, Engineering & Pharmaceutical Sciences**, 2(8), 19-23, 2014.
 33. Shah Sonali J., Mazumder Rupa, "Formulation development and evaluation of mouth dissolving tablet of tramadol hydrochloride", **Asian Journal of Pharmaceutical and Clinical Research, Innovare Academic Sciences**, 6(3), 31-36, 2013.
 34. DasPaul Swarnali, Mazumder Rupa, Bhattacharya Snehenid, Jha Arvind Kumar, "Method development and validation for the determination of residual solvents in ophthalmic nanoparticle suspension", **World Journal of Pharmacy and Pharmaceutical Sciences**, 2(6), 5802-5810, 2013. (Impact Factor: 5.210; IC Value: 6.21)
 35. DasPaul Swarnali, Mazumder Rupa, Bhattacharya Snehenid, Jha Arvind Kumar, "An Ex vivo study of Amphotericin-B Nanoparticle for Ocular Delivery", **British Biomedical Bulletin**, 1(2), 119-125, 2013. (SJIF: 3.584)
 36. Mishra Soumya, Gupta Saurabh, Jain Rahul, Mazumder Rupa, "Solubility enhancement of poorly water soluble drug by using nano-suspension technology", **International Journal of Research and Development in Pharmacy and Life Sciences**, 2(6), 642-649, 2013.

37. Majee Chandana, Das G. K., Mazumder Rupa, Chakraborty G. S., "Evaluation of analgesic and antimicrobial potential of hydroalcoholic extract of leaves of *Coleus aromaticus* in albino mice", **The Journal of Phytopharmacology**, 2(3), 1-8, 2013.
38. Majee Chandana, Mazumder Rupa, Chakraborty G. S., "A review on potential plants under *Trapa* species", **International Journal of Research in Pharmacy and Chemistry**, 3(2), 502-508, 2013.
39. Pandeya R. K., Mazumder . R., "Designing the first proton pump inhibitor as a delayed release, orodispersible tablet for treatment of peptic ulcer", **International Journal of Pharmamedix India**, I(II), 291-305, 2013.
40. DasPaul Swarnali, Mazumder Rupa, Bhattacharya Snehend, Jha Arvind Kumar, "Optimization of Polymeric Nano Drug Delivery System Using 3² Full Factorial Design", **Current Drug Delivery**, 10(4), 394-403, 2013.
41. Pahwa Shilpa, Mazumder Rupa, Bhattacharya S., "Antidiabetic activity of methanolic extract of leaf of *Bauhinia purpurea*", **International Journal of Therapeutic Applications**, 2, 19 – 23, 2012.
42. DasPaul Swarnali, Mazumder Rupa, Bhattacharya Snehend, Jha Arvind Kumar, "A Review on Patented Nanotechnology used for Ocular Drug Delivery", **Recent Patents on Nanomedicine**, 2(2), 156-163, 2012.
43. Ashraf M. D. Farooque, Mazumder A., Shambhawe S., Mazumder R., "Review on *Plumeria acuminata*", **International Journal of Research in Pharmacy and Chemistry (IJRPC)**, 2(2), 467-469, 2012.
44. Kundu Mintu, Mazumder Rupa, Kushwaha M. D., "Evaluation of hepatoprotective activity of ethanol extract of *Coccinia grandis* (L.) Voigt. leaves on experimental rats by acute and chronic models", **Oriental Pharmacy and Experimental Medicine**, 12(2), 93-97, 2012.
45. Kundu M., Mazumder R., Kushwaha M. D., "Protective effect of ethanol extract of leaves of *Caesalpinia bonduc* on oxidative states associated with Streptozotocin induced diabetic rats", **International Journal of Pharmaceutical and Chemical Sciences**, 1(1), 270-276, Jan-Mar, 2012.
46. Pahwa Shilpa, Mazumder Rupa, Bhattacharya S., "Antidiabetic activity of methanolic extract of bark of *Bauhinia purpurea*", **International Journal of Pharmaceutical Sciences and Research**, 3(5), 1441-1444, 2012.
47. Kundu Mintu, Mazumder Rupa, Kushwaha Murli Dhar and Chakraborty G. S., "Standardization Profiles of roots of *Asparagus racemosus* Willd", **Pharmacology online**, Italy, 3, 587-592, 2011.
48. Kundu M, Mazumder R, Kushwaha M. D., Chakraborty G. S., "Pharmacognostic Profiles of Leaves of *Azadirachta indica* (A) Juss.", **Pharmacology online**, 3, 185- 191. 2011.
49. Kundu Mintu, Mazumder Rupa, Kushwaha Murli Dhar and Chakraborty G. S., "Pharmacognostical Profiles of Leaves of *Caesalpinia bonduc*. (L.) Roxb.",

- Pharmacologyonline**, Italy, 3, 71-77, 2011.
50. Kumari Sangita, Mazumder Avijit, Bhattacharya, Mazumder Rupa, Pahwa Shilpa, "Comparative antibacterial and antifungal activity of the methanolic extract of leaves of *Plumeria alba* Linn. (Apocynaceae)", **International Journal of Pharmacy and Pharmaceutical Sciences**, 3(5), 507-510, 2011.
 51. Kundu M., Mazumder R., Kushawa M. D., Chakraborty G. S., "Pharmacognostic profiles of leaves of *Coccinia grandis* (L.) Voigt.", **Pharmacologyonline**, Italy, 2, 1386-1392, 2011.
 52. Kumari Suman, Verma P. R. P., Mazumder R., Kundu Monika, Chaudhary Sheetal, Thareja Deepika, "Standardization and studies on commercial tablets of valdecoxib", **International Journal of Research in Pharmacy and Chemistry (IJRPC)**, 1(4), 1209-1211, Oct – Dec 2011.
 53. Pahwa Shilpa, Mazumder R., Bhattacharya S., "Evaluation of *in vitro* antimicrobial activity of different parts of *Bauhinia variegata* Linn.", **International Journal of PharmTech Research**, 3(4), 1971-1977, Oct-Dec 2011.
 54. Majee Chandana, Gupta B. K., Mazumder R., Chakraborty G. S., "HPLC Method Development and Characterization of Bio-Active Molecule Isolated from *Andrographis paniculata*", **International Journal of PharmTech Research (IJPTR)**, 3(3), 1586-1592, July-September 2011.
 55. Pahwa Shilpa, Mazumder Rupa, Bhattacharya S., "Evaluation of *in vitro* antimicrobial activity of different parts of *Bauhinia purpurea* Linn.", **Inventi Rapid: Ethnopharmacology**, 2, 2011.
 56. Shah Divyen, Londhe Vaishali, Mazumder R., Parikh Rima, "Can Levamisole alone maintain the immunity?", **International Journal of Pharmacy and Pharmaceutical Sciences**, 3(2), 161-164, 2011.
 57. Kumari Sangita, Mazumder Avijit, Mazumder Rupa, Pahwa Shilpa, "*In vitro* antifungal activity of the methanolic extract of the leaves of *Lagestroemia parviflora* (Roxb.)", **Research Journal of Pharmacognosy and Phytochemistry (RJPP)**, 2(3), May-June, 249-251, 2010.
 58. Pahwa S., Mazumder R., Bhattacharya S., Mazumder A., Kumari S., "*Bauhinia purpurea*- A phytopharmacological review", **Advances in Pharmacology and Toxicology**, 11(3), 115-118, 2010.
 59. Mazumder Avijit, Bhatt A., Bonde V. A., Shaikh A., Mazumder Rupa, "Evaluation of *Cestrum nocturnum* for its anti-inflammatory and analgesic potentiality", **Journal of Herbal Medicine and Toxicology**, 4(1) 113-117, 2010.
 60. Panda Bibhu Prasad, Mazumder Rupa, Banerjee Rintu, "Statistical optimization of process parameters influencing the biotransformation of plant tannin into gallic acid under solid-liquid fermentation", **Journal of Pharmacy & BioAllied Sciences**, 1(1), 37-42, 2009.
 61. Kundu Juthika, Mazumder Rupa, Srivastava Ranjana, Srivastava Brahm S., "Intranasal immunization with recombinant toxin-coregulated pilus and cholera toxin B subunit

- protects rabbits against *Vibrio cholerae* O1 challenge”, **FEMS Immunology and Medical Microbiology**,1-6, 2009.
62. Dewanjee Saikat, Maity Anup , Mazumder Rupa, Mazumder Avijit, Mandal SC., “Evaluation of antimicrobial activity of hydroalcoholic extract of *Schima wallichii* bark”, **Pharmacol online**, 1:523-528,2008.
 63. Mazumder A., Mahato A., Pattnaik A.K., Mazumder R., “Studies on analgesic activity and antipyretic potential of *Phyllanthus amarus*”, **Hamdard Medicus**, 51(4), Oct-Dec, 2008(Accepted and in press).
 64. Mazumder A., Roy Pallav., Mazumder R., “In vitro antibacterial activity of the leaf and root extracts of *Clitoria ternatea* Linn” **Ethiopian J Pharm Scs.**,25(2),145-150,2007.
 65. Dewanjee Saikat , Kundu M., Maiti A., Mazumder R, Mazumder A., Mandal S.C., “In vitro evaluation of antibacterial activity of crude extracts from plants *Diospyros peregrine*, *Coccinia grandis*, *Swietenia macrophylla*”, **Tropical J of Pharm Research.**, 6(3), 773-778,2007.
 66. Mazumder Avijit, Bhattacharya S., Mazumder Rupa, “*In vivo* antitussive potentiality of *Lagerstroemia parviflora* flower extract using a cough model induced by sulfur dioxide” **Natural Product Research**, 21(3),217-220, 2007.
 67. Mazumder Avijit., Nilu Kumari., Mazumder Rupa, “Study of analgesic activity of *Tinospora cordifolia* leaves” **International J of Pharmacology and Biological Sciences**, 1(2),49-50, 2007.
 68. Mazumder Avijit, Sahay Juhi, Mazumder Rupa, “Evaluation of antipyretic potential of *Eclipta prostrata* Linn. leaf extract in rats”, **Ethiopian J. of Pharmaceutical Sciences**, 24, 71-73, 2006.
 69. Mazumder Avijit., Mahato Arun., Mazumder Rupa., “Antimicrobial potentiality of *Phyllanthus amarus* against drug resistant pathogens”, **Natural Product Research**, 20(4), 323-326, 2006.
 70. Mazumder R., Bhattacharya S., Mazumder Avijit., Pattnaik, A.K., Tiwary P.M., Chaudhary S., “Antidiarrhoeal evaluation of *Aegle marmelos* (Correa)Linn. root extract”, **Phytotherapy Research**, 20, 82-84,2006.
 71. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder Rupa, “Evaluation of antipyretic potential of *Lagerstroemia parviflora* extract in rats”, **Pharmaceutical Biology**, 43(1), 64-66, 2005.
 72. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder Rupa, “A Comparison of in vitro anti fungal activity of the methanol extract of various parts of *Lagerstroemia parviflora* (Roxb)”, **Ethiopian J. of Pharmaceutical Sciences**, 22, 61-65, 2005.
 73. Mazumder, Avijit, Saha, B. P., Basu S. P., Mazumder, R. “*In vitro* Antimicrobial Efficacy of *Lagerstroemia parviflora* Roxb. Flowers”, **Pak. J. Biol. Sc**, 8(8), 1157-1159,

2005.

74. Mazumder Avijit, Jha Aruni, Mazumder Rupa, Basu S. P., "A comprehensive study on the factors affecting diabetic patients in the newly formed state of Jharkhand", **Advances in Pharmacology and Toxicology**, 6(2), 1-4, 2005.
75. Mazumder Rupa, Dastidar Sujata G., Basu S. P., Mazumder Avijit and Singh S. K., "Antibacterial potentiality of *Mesua ferrea* Linn flowers", **Phytotherapy Research**, 18:10, 824-826, 2004.
76. Mazumder Avijit, Saha B. P., Basu S.P., Mazumder Rupa, Boominathan, R., Parimala Devi B., Mandal Subhas C. "Evaluation of antitussive activity of *Lagerstroemia parviflora* leaf", **Phytotherapy Research**, 18:9, 780-782, 2004.
77. Mazumder Avijit, Saha, B. P., Basu S. P., Mazumder Rupa, "In vitro and in vivo antibacterial efficacy of leaves of *Lagerstroemia parviflora* against *Salmonella* isolates from India: an area with a high prevalence of drug resistance", **Ethiopian J. of Pharmaceutical Sciences**, 21, 7-12, 2004.
78. Mazumder, R., Mazumder, A., Basu S. P., Parimala Devi B., Boominathan R., Mandal S.C., "Antitussive activity of *Mesua ferrea* Linn. flower extract", **Ethiopian J. of Pharmaceutical Sciences**, 21: 55-58, 2004.
79. Mazumder Avijit, Jagannath S., Saha B. P., Basu S. P., Mazumder Rupa, "A Study on sedative hypnotic activity of leaves of *Lagerstroemia parviflora* Roxb." **Advances in Pharmacology and Toxicology**, 5(2), 61-63, 2004.
80. Mazumder Avijit, Mazumder Rupa, "Design of a package to increase the sales volume of a newly formulated cough syrup", **Advances in Pharmacology and Toxicology**, 5(2), 1-10, 2004.
81. Mazumder Rupa, Ganguly Kumkum, Dastidar Sujata G. and Chakrabarty A.N., "Trifluoperazine: a broad spectrum bactericide especially active on staphylococci and vibrios" **International J. of Antimicrobial Agents**, 18, 403-406, 2001.
82. Mandal Subhash C., Kumar Ashok C.K., Mazumder Avijit, Mazumder Rupa and Maity B.C., "Antibacterial activity of *Litsea glutinosa* bark", **Fitoterapia**, 71, 439-441, 2000.
83. Dastidar Sujata G., Mazumder Rupa and Chakrabarty A. N., "In vitro and in vivo antimicrobial activity of the antipsychotic drug Trifluoperazine" **Canadian J Infec. Disease**, 6: 463 C, 1995.

B) National Journal:

Total - 31

84. Majee R. N., Mazumder P. M., Mazumder Avijit, Mazumder Rupa, "Synthesis and biological activity of hydrazide, thiocarbamate, thiadiazole and oxadiazole of (E)-2-undecen-1,11-dioic acid obtained from aleuritic acid of shellac", **Journal- Indian Chemical Society**, 90(1), 111-114 · January 2013.
85. Pahwa S., Mazumder R., Bhattacharya S., Kumari S., Mazumder A., Singh D. P., "Pharmacognostical and phytochemical evaluation of the leaves of *Bauhinia purpurea* Linn.", **Ancient Science of Life**, 30(2), 1-5, 2010.
86. Kumari Sangita, Mazumder Avijit, Mazumder Rupa, Pahwa Shilpa, "Ethnobotany, Phytochemistry and Pharmacology: *Plumeria acuminata*", **The Indian Pharmacist**, 26-28, November, 2010.
87. Shah C., Patel R., Mazumder R., Bhattacharya S., Mazumder A., Gupta R. N., "Aerogels: Novel Drug Carriers", **The Pharma Review**, 164-167, Nov 2009.
88. Desai Chirag., Patel Hetal., Mazumder R., Bhattacharya S., Mazumder A., Gupta RN., "Stimuli Responsive Hydrogels as Floating Drug Delivery System", **Pharma Times**, 40(8), 18-20, 2008.
89. John P. P., Mazumder Avijit, Mazumder R., Bhatnagar S. P., "Anthelmintic activity of root bark of *Carissa carandas*", **Ancient Science of Life**, XXVII(I), 11-13, 2007.
90. Mazumder R., Bhattacharya S., Jha S., Mazumder A., Jyoti Kumari, Jha Sanjay, "Studies on Pharmacognostical features of *Curcuma domestica* Val.", **Ancient Science of Life**, XXVI(4), 37-41, April-June, 2007.
91. Dewanjee Saikat , Mazumder R, Mazumder A., Mandal S.C., "Evaluation of invitro antifungal activity of methanolic extract of aerial parts of *Croton bonclandianus*", **Indian J. Nat. Prod.** , 23(4), 19-23, 2007.
92. Mazumder Avijit, Jha Aruni, Mazumder Rupa, Basu S.P., "Asthma and its control a study in the perspective of the newly formed state of Jharkhand" **Indian J of Hospital Pharmacy** , Nov-Dec, 215-218, 2006
93. Mazumder Avijit , Lahkar Vijay, Sahay J., Oraon A., Mazumder R., Pattnaik A.K., "Pharmacognostical studies on the leaves of *Cassia tora* Linn. Family: Caesalpinaceae", **Ancient Science of Life**, XXV (2), Oct-Dec, 2005.
94. Mazumder Avijit, Mazumder R., Basu S. P., Saha B. P., " β sitosterol: a key antibacterial

- steroid from the leaves of *Lagerstroemia parviflora*”, **J of Sc & Pharmacy**, 6:1, Jan-Mar, 2005.
95. Mazumder R., Dastidar Sujata G., Basu S. P., Mazumder Avijit, “Effect of *Mesua ferrea* Linn. flower extract on *Salmonella*”, **Indian J of Exp Biol**, 43, 566-568, 2005.
96. Mazumder Avijit, Raj Pradeep, Mazumder Rupa, “Studies on antibacterial potentiality of the leaf extract of *Lawsonia inermis*”, **Drug Lines**, 7 (1 &2), 15-16, Mar. 2004 – Apr. 2005.
97. Pattnaik A. K., Mazumder A., Mahto H. N., Oraon A., Mazumder R., Venkatesan J., “Studies on phytochemical and analgesic activity of bark of *Tectona grandis*”, **Drug Lines**, 8(1), 24-25, Apr. 2005-Oct.2005.
98. Mazumder, Avijit, Madhusudhan M., Krishna Mohan M., Mazumder, R., “Microbial polysaccharides: a new pharmaceutical adjuvant in the coming era”, **Pharma Times**, 37(3), 2005.
99. Mazumder R., Rao, G. P., Singh Ashutosh, Mazumder A., Basu, S. P., Dastidar, S. G., “Antiviral potentiality of methanolic extracts of different parts of *Mesua ferrea*”, **Indian Journal of Natural Products**, 20(2), 31-33, June 2004.
100. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., “Studies on anti-inflammatory activities of the leaf extract of *Lagerstroemia parviflora*”, **J of Sc & Pharmacy**, 5:3, July-Sept, 2004.
101. Mazumder R., Bhattacharya S., Mazumder A., Kundu Juthika, Gupta R. N., “Cholera : A Global Health Problem and its Control by Vaccines”, **Pharma Times**, Sept-Oct., 36-37, 2004.
102. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., “Comparison of the antibacterial spectrum of different parts of *Lagerstroemia parviflora*”, **The Indian Pharmacist**, III: 28, 69-71, Oct., 2004.
103. Mazumder R., Kapoor Priyanka , Singh Anju, Mazumder A., Bhattacharya S., “Effect of *Zizyphus mauritiana* root on organisms causing diarrhoea” , **The Indian Pharmacist**, III:29, 73-76, 2004 .

104. Mazumder R., Mazumder A., Bhattacharya S., Singh Anju., Kapoor Priyanka, “Studies on pharmacognostic features of *Zizyphus mauritiana* Linn. Root (Fam:Rhamnaceaea), **Anc Sc of Life** , Vol. XXVI(2), 33-37, 2004.
105. Mazumder Avijit, Saha B. P., Basu S. P. and Mazumder Rupa, “Antibacterial activity of methanolic extract of leaves of *Lagerstroemia parviflora*”, **Indian J. Natural Product**, 19 (3), 20, 2003.
106. Mazumder Avijit, Saha B. P., Basu S. P. and Mazumder R. and Prasad S. M., “Effect of *Lagerstroemia parviflora* extract against Urdbean leaf crinkle virus”, **J. of Science and Pharmacy** , 4 , 3, 2003.
107. Mazumder Rupa, Dastidar Sujata G., Basu S. P., Mazumder Avijit and Kumar Sanjay, “Emergence of *Mesua ferrea* Linn. leaf extract as a potent bactericide”, **Ancient Science of Life**, Vol. XXII (4), 2003.
108. Mazumder Rupa, Roy Chowdhury Sharmila and Mazumder Avijit, “Antimicrobial potentiality of phenothiazine group of antipsychotic drug – prochlorperazine”, **Indian J. Exp. Biol.**, 40, 828-830, 2002.
109. Mitra Mazumder Papiya, Mazumder Rupa, Mazumder A. and. Sasmal D., “Antimicrobial activity of citrinin obtained from the fungus *Penicillium citrinum*”, **Ancient Science of Life**, XXI(3), 191-197, 2002.
110. Mazumder Rupa, Mazumder Avijit, Singh S. K., Basu S.P. and Saha B. P., “Antimicrobial action of the leaf extract of *Lagerstroemia parviflora* Roxb”, **Ancient Science of Life**, Vol. XXI (3), 198 – 201, 2002.
111. Mazumder Avijit, Basu S. P., Saha B. P. and Mazumder Rupa, “Phytochemical observation on leaf of *Lagerstroemia parviflora* (Roxb)”, **Ancient Science of Life**, Vol. XXII (2) , 21-24, 2002.
112. Mazumder Avijit, Manisha and Mazumder Rupa, “*In vitro* antimicrobial comparison of different brands of marketed Ciprofloxacin tablets”, **Indian Journal of Hospital Pharmacy**, Vol. XXXVIII, 1, 7-8, 2001.
113. Mazumder Avijit, Mazumder Rupa and Basu S. P., “Pharmaceutical Marketing – a neglected discipline in the curriculum of pharmacy education”, **Indian J. Pharm. Edu.**,

34 (3), 2000.

114. Mazumder R., Mendiratta T., Mondal S.C. and Mazumder A., "Antimicrobial potency of the leaf stalk extract of *Curcuma longa* (Linn)", **Ancient Science of Life**, Vol. XX, 92-96, 2000.

C) International Conference:

Total - 13

115. Pahwa Shilpa, Kumari Sangita, Mazumder Avijit, Mazumder Rupa, "Metabolic engineering of microorganisms: Modern approach for drug production", **International Seminar on Pharmaceutical Education and Research, GIPER campus, Kashipur**, 23rd Feb, 2010.
116. Mazumder Avijit, Mazumder Rupa, Bhattacharya S., "*In vitro* and *in vivo* antibacterial efficacy of leaves of *Cestrum nocturnum* against multidrug resistant Salmonella isolates from hospital in India: an area with high prevalence of drug resistance", **International Conference on Drug Discovery and Therapy, Dubai**, Feb 10-12, 2010.
117. Kundu Juthika, Mazumder Rupa, Srivastava Ranjana, Srivastava Brahm S., "Intranasal immunization with Recombinant Toxin Co-regulated Pilus and Cholera Toxin B Subunit Protects Rabbits against *Vibrio cholerae* 01 Challenge", **Proc. of the Fall International Convention, Hotel-Seoul Kyoyuk Munhwa Hoekwan Republic of Korea**, Organized by the Pharmaceutical Society of Korea, October 23-24, 2008.
118. Mazumdar A., Mazumder R., Bhattacharya S., "*In vitro* and *In vivo* antibacterial efficacy of leaves of *Lagerstroemia parviflora* against Salmonella isolates from India: an area with a high prevalence of drug resistance", **2nd World Conference on Magic Bullets, (Ehrlich II conference)**, Nürnberg, Germany, October 3 - 5, 2008.
119. Mazumder Avijit, Mazumder R., Bhattacharya S., "Evaluation of antityphoid potentiality of *Phyllanthus amarus* against antibiotic resistant Salmonella isolates: a study *in vitro*", **International conference on Drug discovery: perspectives and challenges, CDRI, Lucknow**, Feb 24-26, 2006.
120. Mazumder R., Mazumder A., Bhattacharya S., "Studies on acute toxicity and anti-inflammatory potentiality of the methanolic extract of *Grewia asiatica* leaves", **International conference on Drug discovery: perspectives and challenges, CDRI, Lucknow**, Feb 24-26, 2006.
121. Bhattacharya S., Mazumder R., Mazumder Avijit., Pattnaik A. K., "Emergence of *Aegle Marmelos* (Correa) Linn. fruit extract as a potent antidiarrhoeal agent", **International conference on Drug discovery: perspectives and challenges, CDRI, Lucknow**, Feb 24-26, 2006.
122. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., "Sensitivity pattern of fungal strains against *Lagerstroemia parviflora* (Roxb) leaf extract-a study *in vitro*", **Proc. of**

International Conference on Botanicals with International Coordination: Exploring Quality, Safety, Efficacy and Regulation, Kolkata, Feb 25-26, 2005.

123. Mazumder R., Mazumder Avijit, Bhattacharya S., Basu S. P., Dastidar S. G., “Detection and isolation of antimicrobial component in *Mesua ferrea* Linn. flower”, **Proc. of International Conference on Botanicals with International Coordination : Exploring Quality, Safety , Efficacy and Regulation, Kolkata, Feb 25-26, 2005.**
124. Mandal Subhas C., Dewanjee Saikat, Parimala B., Boominathan R., Mazumder Rupa and Mazumder Avijit, “ Evaluation of antifungal properties of methanolic extract of some medicinal plants of Eastern India”, **Proc. of 9th International Congress of International Society of Ethnobiologists**, Kent University, London, June 14 –18th , 2004.
125. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., “Emergence of *Lagerstroemia parviflora* flower extract as a potent bactericide”, **International Conference of APTI**, Andhra University, Vishakapatnam, Oct. 2-3rd, 2004.
126. Mazumder R., Bhattacharya S., Mazumder A., Sarkar, B., “The more fast moving a brand is, greater is its therapeutic efficacy: do we agree?” **International Conference of APTI**, Andhra University, Vishakapatnam, Oct. 2-3rd, 2004.
127. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., “To identify and propose a suitable launching strategy for a newly formulated iron preparation”, **International Conference of APTI**, Andhra University, Vishakapatnam, Oct. 2-3rd, 2004.

D) National Conference:

Total - 94

128. Sawanny Rajni, **Mazumder Avijit, Mazumder Rupa**, Kotiyal Akhilesh, “Ketogenic Diet: An Effective Alternative Therapy for control of Progression Childhood Epilepsy”, National Conference on Pharma Healthcare IPR Summit 2019: Challenges & Opportunities, Amity University, Noida, 27th September, 2019.
129. **Singhal Aditi, Mazumder Avijit, Mazumder Rupa, Chakraborty G.S.**, “ Nanorobots-its application and potential in pharmacy”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
130. Singh Akansha, **Mazumder Rupa, Mazumder Avijit, Pachouri Praveen**, “Additive manufacturing : A boon to pharmaceutical formulations”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
131. **Sharma Archana, Mazumder Avijit, Mazumder Rupa, Chakraborty G.S.**, “Screening of leaves of *wedelia chinensis* for its antimicrobial potentiality” 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.

132. **Sharma Archana, Mazumder Avijit, Mazumder Rupa, Chakraborty G.S,** “Screening of leaves of wedelia chinensis for its antibacterial potentiality” 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
133. **Mazumder Avijit, Yadav Swati, Mazumder Rupa, Salahuddin,** “Challenging roles of pharmacists in ensuring safety of herbal medicines”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
134. **Mazumder Avijit, Yadav Swati, Mazumder Rupa,** Verma Manoj, “Evaluation of various types of medication errors in multispecialty hospital in Delhi”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
135. Pandey Deepika, Ankur, **Mazumder Avijit, Mazumder Rupa,** “Factors affecting asthmatic patients in Delhi & NCR region and their prescription pattern: A Comprehensive study”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
136. **Yadav Neha, Mazumder Avijit, Mazumder, Mazumder Rupa, Rana Nikheleswar,** “Pharma-IoT: its opportunities and challenges in digital India”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
137. **Yadav Neha, Mazumder Avijit, Mazumder, Mazumder Rupa,** “Role of Regulatory bodies in maintaining the quality of pharmaceutical education”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
138. **Rana Nikheleswar, Mazumder Avijit, Mazumder Rupa, Yadav Neha,** “Personalised medicine: its advantages and future challenges for healthcare industries” 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
139. **Rana Nikheleswar, Yadav Neha, Mazumder Avijit, Mazumder Rupa,** “Nanoparticles of coenzyme Q10 in the treatment of cardio vascular diseases” 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
140. Sharma Pragya, **Gauniya Anju, Mazumder Rupa, Mazumder Avijit,** “Nanotechnology for targeted drug delivery: its challenges ahead”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
141. Gupta Priya, **Mazumder Rupa, Pachauri Praveen, Mazumder Avijit,** “4D Printing: A Challenge in pharmaceutical formulation”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
142. Barua Rohit, Singh Akansha, **Mazumder Rupa, Mazumder Avijit,** “Development of microneedle patches of Indomethacin by using 3D printing technology”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
143. **Yadav Neha, Mazumder Avijit, Mazumder Rupa,** “Challenging role of pharmacists by application of IoTs in patient health care”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018.
144. **Yadav Swati, Kumar Amit, Mazumder Avijit, Mazumder Rupa,** “Study of prescription pattern of anti-thyroid drugs among rural population of Western UP”, 70th Indian Pharmaceutical Congress, 21st to 23rd December 2018

145. Tyagi Swati, Mazumder Avijit, Mazumder Rupa, Singhal Aditi, "Screening of aerial parts of *Beta vulgaris* for its antihypertensive activity on rat models", **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
146. Singh Pragya, Mazumder Avijit, Mazumder Rupa, Salahuddin, Rani Ketki, "Screening of leaves of *Neolamarckia cadamba* for antimicrobial potentiality", **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December 2017.
147. Mazumder Avijit, Yadav Neha, Mazumder Rupa, Salahuddin, "Pharmaceutical education: role of regulatory bodies in the current scenario", **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
148. Gupta K., Mazumder Avijit, Farooq Uzma, Salahuddin, Mazumder Rupa, "A prospective survey of prescription pattern of inotropic drugs in ICU patients in a tertiary care hospital at Delhi", **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
149. Sharma Archana, Mazumder Rupa, Mazumder Avijit, Ghosh Ganesh, "Solid lipid nanoparticle: an approach for transdermal delivery of antihypertensive drug" **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
150. Sharma Archana, Mazumder Rupa, Mazumder Avijit, Kumari Sangita, Pattanik Ashok, "Susceptibility of commonly used disinfectants against multidrug resistant bacterial pathogens isolated from tertiary hospitals in India" **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December 2017.
151. Majee Chandana, Mazumder Rupa, Mazumder Avijit, "Trapa species: A magic herbal remedy for future" **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
152. Yadav Neha, Mazumder Rupa, Mazumder Avijit, "Nanomedicine: its current status in the treatment of cancer", **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December 2017.
153. Yadav Neha, Mazumder Rupa, Mazumder Avijit, Salahuddin, Chakraborty GS, "Role of pharmacists in counseling of asthmatics for better drug compliance" **Proc 69th Indian Pharmaceutical Congress**, Chitkara University, 22nd to 24th December, 2017.
154. Ojha Abhishek, Mazumder Rupa, Mazumder Avijit, "Computer Applications in pharmacy", National Conference on **Recent Advancements in Pharma Scs and Clinical Res**, Galgotia Univ, 15th April 2017

155. Nigam Mayuri, Mazumder Rupa, Padhi Swarupanjali,” Microbubbles: Advancement in Drug therapy”, National Conference on **Recent Advancements in Pharma Scs and Clinical Res**, Galgotia Univ, 15th April 2017
156. Sharma A., Mazumder R., Mazumder A., Chakraborty G.S., Padhi S., “Nanophytomedicines-An advancement in drug therapy” **National Seminar on Current regulations on herbal Drugs and Food Supplements at Jamia Hamdard, 2017**
157. Kumar Sachin, Mazumder Rupa, “Formulation and Evaluation of Controlled Release Floating T ablets of Antidepressant Drug Employing HPMC K 100M and Ethyl Cellulose”, 52nd IHPA Annual Conference, I. T. S. College of Pharmacy, 28th January, 2017.
158. Yadav Neha, Mazumder Rupa, Padhi Swarupanjali, “Microparticulate drug delivery system as a means of targeting drugs to brain-a review”, DST Sponsored National Seminar on Evidenced based alternative medicine: Challenges and opportunities” 29-30th Apr, 2016
159. Mazumder Avijit, Pragya, Kumar Sanjay, Mazumder Rupa, “Study on drug use in pediatric inpatients in a tertiary care hospitals”, **Proc of 67Th Indian Pharmaceutical Congress, Mysore, 19-21st Dec, 2015**
160. Mazumder Avijit, Kumar Sanjay, Pragya, Mazumder Rupa,” Medication errors: ways to overcome them”, **Proc of 67Th Indian Pharmaceutical Congress, Mysore, 19-21st Dec, 2015**
161. Mazumder Avijit, Mazumder Rupa, Pattnaik Ashok” Antibacterial screening of leaves of Buchananian lanzan against drug resistant pathogenic microbes”, **Proc of 67Th Indian Pharmaceutical Congress, Mysore, 19-21st Dec, 2015**
162. Mazumder Avijit, Mazumder Rupa, Mazumder Devarati Malik Neetu” Drug utilization evaluation of antibiotics in ICU in a super specialty hospital in New Delhi”, **Proc of 67Th Indian Pharmaceutical Congress, Mysore, 19-21st Dec, 2015**
163. Mazumder A., Mazumder Rupa, Chakraborty G. S., M. Kotnala, Nagarajan K., “*In vitro* antimicrobial activity of *Cestrum nocturnum* against multi-drug resistant microbes”, **Proc. 65th Indian Pharmaceutical Congress, Amity University, Noida , Dec 20-22nd, 2013.**
164. Sharma Rajni, Mazumder Rupa, Padhi Swarupanjali, Mazumder Avijit, “Self

- microemulsion drug delivery system: for bioavailability enhancement”, **Proc. 2nd Annual Conference of Society of Pharmaceutical Education & Research (SPER)**, Jamia Hamdard University, Delhi, March 9th, 115, 2013.
165. Goswami Vaishali, Mazumder Rupa, Mazumder Avijit, “Ophthalmic *in-situ* gel: a novel approach of drug delivery”, **Proc. 2nd Annual Conference of Society of Pharmaceutical Education & Research (SPER)**, Jamia Hamdard University, Delhi, March 9th, 81, 2013.
166. Gahlawat Deepak., Mazumder Avijit., Kotnala Mohit.,Mazumder Rupa “**Invitro antibacterial activity of the whole plant of Tinospora cordifolia**” **Proc 2nd Annual Conference of Society of Pharmaceutical Education and Research**, Jamia Hamdard , Delhi, Mar 9, 2013.
167. Pattnaik Ashok Kumar., Mazumder Avijit., Gahlawat Deepak., Mazumder Rupa., Sen Tuhinadri., “Evalaution of antibacterial potentiality of extract of the roots of *Buchananian lanzan* against various drug resistant clinical isolates”, ” **Proc 2nd Annual Conference of Society of Pharmaceutical Education and Research**, Jamia Hamdard , Delhi, Mar 9, 2013.
168. Padhi Swarupanjali, Agarwal Nidhi, Thareja Deepika, Choudhary Sheetal, Mazumder Rupa “Importance of Pharmaceutical Nutrients”, **Proc. National Seminar on “Pharmacist In Public Health”**, Advanced Institute of Pharmacy, Palwal, Advanced Institute of Pharmacy, Palwal, 1 Dec 2012, 56, 1st Dec. 2012.
169. Ashraf Md. Farooque, Mazumder A., Shambhawe S., Mazumder R., “Antidiarrhoeal activity of leaves of *Plumeria acuminata*”, **Proc. Indian Pharma Convention**, DIPSAR, New Delhi, 12th Feb, 2012.
170. Shambhawe Shipra, Mazumder Avijit, Ashraf Farooque, Mazumder Rupa, “*In vitro* study of anti-diarrhoeal potentiality of *Lagestroemia indica* (Linn.) leaves against antibiotic resistant microbes”, **Proc. Indian Pharma Convention**, DIPSAR, New Delhi, 12th Feb, 2012.
171. Chakraborty Gunosindhu, Ghorpade P.M., Mazumder R., Mazumdar A., “Antidiabetic and Antihyperlipidaemic Effect of Alcoholic Extract of *Mirabilus jalap*,

Emerging Trends in Natural Product Research”, Jadavpur University, Kolkata, 12-13th February, 2011.

172. Mazumder Avijit, Nagarajan K., Mazumder R., ”*In vitro* and *in vivo* antibacterial efficacy of flower of *Cestrum nocturnum* against multidrug resistant clinical isolates”, Proc **62nd Indian Pharmaceutical Congress**, Manipal, 17-19th Dec 2010.
173. Mazumder Avijit, Nagarajan K., Mazumder R., ”Effect of wound healing potency of the leaf extract of *Lagerstroemia parviflora* in wistar rats”, Proc **62nd Indian Pharmaceutical Congress**, Manipal, 17-19th Dec 2010.
174. Majee Chandana, Mazumder R., Chakraborty G. S., “Study on analgesic and antimicrobial activity of *Coleus aromaticus*”, **National Seminar on Current Status of Pharma Education in India**, KIET School of Pharmacy, Ghaziabad, 14th November, 2010.
175. Gaunia A., Mazumder R., Kumar P., Gupta S., Bhargava B., “Gastroretentive drug delivery system of paracetamol: Formulation and evaluation of floating microbeads”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
176. Gupta S., Mazumder R., Kumar P., Gaunia A., “Recent Development in Microencapsulation of Probiotic Bacteria”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
177. Mazumder R., Kumar P., Gupta S., Gaunia A., “Recent Development of Microencapsulated Form of the Live Measles Vaccine”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
178. Saxena S., Pahwa S., Kumari S., Mazumder A., Mazumder R., “Novel Antigen Delivery Systems Employing PLGA Microspheres - A New Technique of Immunization”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
179. Rai P., Chakraborty G.S., Mazumder R. and Mazumder A., “Development, Fabrication and Evaluation of Transdermal Drug Delivery System”, **A.I.C.T.E.**

- Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
180. Singhal D., Chakraborty G.S., Mazumder R. and Mazumder A., “Liposomal Treatment in Oncology”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
181. Saxena S., Chakraborty G.S., Mazumder A. and Mazumder R., “Role of Nanotechnology in Curing Diabetes”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
182. Majee C., Gupta B.K., Mazumder R. and Chakraborty G.S., “HPLC Method Development and Characterization of Bio Active Molecule Isolated from *Andrographis paniculata*”, **A.I.C.T.E. Sponsored National Seminar in Recent Trends in Drug Discovery**, N.I.E.T., Greater Noida, 28th-29th August, 2010.
183. Mazumder Avijit, Mazumder Rupa, “*In vitro* antimicrobial activity of *Cestrum nocturnum* against pathogenic microbes with special reference to *Salmonella* species causing typhoid fevers”, **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec11-13, 2009.
184. Mazumder R, Mazumder A, Nagarajan K, Bhattacharya S, “Effect of wound healing potency on the leaf extract of *Lagerstroemia parviflora* in wistar albino rats. **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec11-13, 2009.
185. Kumari Sangita, Pahwa Shilpa, Mazumder Rupa, Mazumder Avijit, ”Design of a strategy of effective biomedical waste management”, **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec11-13,2009.
186. Pereira Dorris Thomas, Mazumder Avijit, Mazumder Rupa, “Design of an effective pharma marketing strategy from rural India in the current perspective”, **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec11-13, 2009.
187. Patnaik AK., Kodati D., Sen, T., Mazumder Avijit, Mazumder R, ”Evaluation of wound healing activity of the methanolic root extract of *Buchanania lanzan*”, **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec11-13,2009
188. Kakalij RM, Mazumder A., Mazumder R., “Antiangiogenic therapy: a new approach to

- treat cancer”,. **Proc 61st Indian Pharmaceutical Congress**, Ahmedabad, Dec 11-13, 2009
189. Mazumder Avijit, Mazumder Rupa, Shah Divyen, Bhattacharya S.,” *Invitro* and *Invivo* antimicrobial activity of *Tinospora cordifolia* bark extract against multidrug resistant Salmonella species causing typhoid fevers”, **Proc 60th Indian Pharmaceutical Congress**, New Delhi, Dec 12-14, 2008.
190. Mazumder Rupa, Mazumder Avijit, Das Sumit, Bharadwaj Anshuman, Nagarajan K., “Effect of wound healing potency on the leaf extract of *Achyranthes aspera* in wistar albino rats”, **Proc 60th Indian Pharmaceutical Congress**, New Delhi, Dec 12-14, 2008.
191. Mazumder A., Mazumder Rupa., Gupta RN., “Study of use of antibiotics in the treatment of acute respiratory tract infection in a tertiary care hospital”, **Proc 60th Indian Pharmaceutical Congress**, New Delhi, Dec 12-14, 2008.
192. Pattnaik Ashok Kumar, Mazumder Avijit, Sen T., Mazumder Rupa,” *Invitro* antibacterial effect of leaves of *Buchanania lanzan* against multidrug resistant hospital isolates,” **Proc. of 59th Indian Pharmaceutical Congress**, Varanasi, Dec. 19-22, 2007.
193. Mazumder Avijit., Roy Pallav., Mazumder Rupa, Bhattacharya S., “ Antibacterial effects of the leaves of *Clitoria ternatea* against multidrug resistant clinical isolates of Eastern India”, **Proc. of 59th Indian Pharmaceutical Congress**, Varanasi, Dec. 19-22, 2007.
194. Mazumder Avijit, Singh Ajay Kumar, Mazumder Rupa, Bhattacharya S., “Studies on anti-inflammatory activity of the leaf extract of *Moringa oleifera* (Lam)” **Proc. of 58th Indian Pharmaceutical Congress**, Mumbai, Dec. 1-3, 2006.
195. Perumal P., Suresh Kumar., Mazumder Rupa., Mazumder Avijit, “Immunostimulant effect of ethanolic extract of *Artemisia dracuncululus* in wistar rats”, **11th Annual National Convention of APTI**, Bangalore, Sept 1-3, 2006.
196. Sarkar Biswatrish, Chandra Ramesh & Mazumder R., “Production of cellulase from *Pleurotus ostreatus* on spent straw bed,” **Bioprocess Engg. & Biotechnology: Trends and Opportunities**, BIT, Mesra, 2005.
197. Mazumder Avijit, Saha B. P., Basu S. P., Mazumder R., “ Chemical investigation and pharmacological evaluation of the leaves *Lagerstroemia parviflora* for antipyretic

- activity”, **Proc. of 56th Indian Pharmaceutical Congress**, Kolkata, Dec 3-5 , 2004.
198. Mazumder R., Mazumder Avijit, Bhattacharya S., Kundu Juthika, “A Comprehensive study of the diseases and prescription pattern in diarrhoeal infection in rural and urban areas of Jharkhand”, **Proc. of 56th Indian Pharmaceutical Congress**, Kolkata, Dec. 3-5, 2004.
199. Kumar Dhiraj, Mazumder A, Jayaram Kumar, Mazumder R., “Role of pharmacist in the 21st century”, **Proc. of 56th Indian Pharmaceutical Congress**, Kolkata, Dec 3-5, 2004.
200. Mazumder Avijit, Bhattacharya S., Jayaram Kumar, Mazumder R., Gupta R. N., “Pharmacy Students Counseling: A need of the new era”, **Proc. of 56th Indian Pharmaceutical Congress**, Kolkata, Dec. 3-5, 2004.
201. Mazumder Avijit, Jaganath S., Mazumder Rupa, Basu S. P., Saha, B. P. and Mandal, R., “A study on potentiation of pentobarbitone induced sleeping time by *Lagerstroemia parviflora* Roxb”, **Proc. of National Seminar on Ayurveda for better health and workshop on Clinical application of Rasa Shastra**, Jamnagar, Jan 24-25, 2004.
202. Mazumder Rupa, Mazumder Avijit, Mandal R., Basu S. P. and Dastidar S. G., “Studies on phytochemical screening and *in vitro* antifungal activity of whole flower of *Mesua ferrea* Linn.”, **Proc. of National Seminar on Ayurveda for better health and workshop on Clinical application of Rasa Shastra**, Jamnagar, Jan 24-25, 2004.
203. Mazumder Avijit, Mazumder R., Saha B. P. and Basu S. P., “Studies on toxicity and anti-inflammatory effect of the leaves of *Lagerstroemia parviflora* (Roxb)”, **Proc. of Annual Conference of Chemists and Biologist**, CDRI, Lucknow, Aug 30-31st, 2004.
204. Mazumder Avijit, Mazumder Rupa, Jayaram Kumar K. and Sahay Juhi, “Assessment of needs of Pharmaceutical services in Jharkhand”, **Proc. of 55th Indian Pharmaceutical Congress**, Chennai, Dec. 19-21, 2003.
205. Mazumder Avijit, Kumari Sangita and Mazumder Rupa, “A comprehensive study of the disease and prescription pattern in respiratory tract infection (RTI) in the newly formed state of Jharkhand”, **Proc. of 55th Indian Pharmaceutical Congress**, Chennai, Dec. 19-21, 2003.
206. Mazumder Avijit, Mazumder Rupa, Basu, S.P. and Saha B.P., “Studies on evaluation of

- in vitro* antimicrobial potential of bark of *Lagerstroemia parviflora* (Roxb)”, **Proc. of 55th Indian Pharmaceutical Congress**, Chennai, Dec. 19-21, 2003.
207. Mazumder Avijit, Mazumder Rupa and Basu S. P., “A survey on the prevalence of various diseases and the factors affecting them in the capital of Jharkhand”, **Proc. of 55th Indian Pharmaceutical Congress**, Chennai, Dec. 19-21, 2003.
208. Mazumder Avijit, Mazumder Rupa and Basu S. P., “Design of a package for framing marketing strategy for newly formulated Vitamin C”, **Proc. of 54th Indian Pharmaceutical Congress**, Pune, December 13th to 15th, 2002.
209. Mazumder Rupa, Singh Shailendra Kumar, Mazumder Avijit, Basu S. P. and Dastidar Sujata G., “A Comparative study on antimicrobial Activity of different parts of *Mesua ferrea* Linn.”, **Proc. of 54th Indian Pharmaceutical Congress**, Pune, December 13th to 15th, 2002.
210. Mazumder Avijit, Kumari Sangita, Mazumder Rupa and Singh S. K., “A Comprehensive study of disease and prescription pattern in Urinary Tract Infection”, **Proc. of 54th Indian Pharmaceutical Congress**, Pune, December 13th to 15th, 2002.
211. Mazumder Avijit, Kumar Mukesh and Mazumder Rupa, “A Comprehensive study of the factors affecting the sales volume of a newly formulated Cough Syrup to be launched in Jharkhand”, **Proc. of 54th Indian Pharmaceutical Congress**, Pune, December 13th to 15th, 2002.
212. Mazumder Avijit, Singh Prasad Ravi Shankar and Mazumder Rupa, “The more costlier the brand is, the greater will be its therapeutic efficiency: Myth or Reality”, **Proc. of 54th Indian Pharmaceutical Congress**, Pune, December 13th to 15th, 2002.
213. Mazumder Avijit, Mukherjee Subhendu and Mazumder Rupa “Self Medication – A Threat to the Newly formed State of Jharkhand”, **Proc. of 53rd Indian Pharmaceutical Congress**, New Delhi, December 21st to 23rd, 2001.
214. Mazumder Avijit, Sharma Pawan, Mazumder Rupa, and Mukherjee Subhendu, “Preliminary survey on prescribing pattern for the treatment of Diabetes Mellitus in the State of Jharkhand”, **Proc. of 53rd Indian Pharmaceutical Congress**, New Delhi, December 21st to 23rd, 2001.

215. Mazumder Avijit, Mazumder Rupa and Basu S. P., "Pharmaceutical Engineering – A subject neglected by Pharma-educationists", **Proc. of 53rd Indian Pharmaceutical Congress**, New Delhi, December 21st to 23rd, 2001.
216. Mazumder Avijit, Manisha and Mazumder Rupa, "The most pharmaceutically potent brand always occupy largest sales volume: Myth or Reality", **Proc. of 53rd Indian Pharmaceutical Congress**, New Delhi, December 21st to 23rd, 2001.
217. Kumar Ranjit T., Singh Gurvinder, Mazumder A. and Mazumder R., "Recent reports of genetic engineering applications in Pharmacy", **Proc. of Vth National Conference of Indian Society of Chemists and Biologists**, Agra, March 24 to 26, 2001.
218. Kumar Ranjit T., Singh Gurvinder, Mazumder A., and Mazumder R., "Recombinant DNA products: A new challenge of the new millennium", **Proc. of Vth National Conference of Indian Society of Chemists and Biologists**, Agra, March 24 to 26, 2001.
219. Mazumder Avijit, Mukherjee Subhendu, Mazumder Rupa and Basu S. P., "Suggestive measures of sales promotion in drug industry", **Proc. of All India Conference on Marketing Summit – 2000 Excellence Through IT Application** at BIT, Mesra, Ranchi, 15-16 September, 2000.
220. Mazumder A., Kumar Ranjit T., Singh Gurvinder and Mazumder R., "Application of genetic engineering in Pharmacy", **Proc. of Pharmacy Education session of 52nd Indian Pharmaceutical Congress**, Hyderabad, 1-3 Dec., 2000.
221. Samanta Arnab, Mazumder Rupa and De Biplab, "A Review of GATE question paper of Pharmacy stream", **Proc. of National Seminar on Pharmacy Education and Research – Yesterday, Today and Tomorrow**, BIT, Mesra, Ranchi, Ranchi, 8-10 Nov, 1998.

