

**NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**(PHARMACY INSTITUTE)**  
**GREATER NOIDA**  
**LIST OF PUBLICATIONS**

**2021**

SCI	SCOPUS	PEER REVIEWED	TOTAL
<b>24</b>	<b>46</b>	<b>01</b>	<b>71</b>

1. Haque Md Rafiul, Ahmad Md Afroz, Ashraf Kamran, Akhter Md Habban, Jameel Mohammad, Ali Abuzer, Akhtar Wasim, Dhaka Monika, **Rana Kavita**, “Arq Ajwain Protects Nonalcoholic Fatty Liver Disease on High-Fat Diet-Induced Obese Rat”, Trends in Phytochemical Research, 5(4);209-221, 2021 (SCOPUS) [DOI:10.30495/tpr.2021.1940654.1221]
2. Kohli Khushboo, **Sharma Neha, Mazumder Avijit**, “Docking: A Powerful Approach for the discovery of Anti-cancerous Drugs”, International Journal of Drug Delivery Technology, 11(4);1138-1145, 2021 (SCOPUS) [DOI: [10.25258/ijddt.11.4.4](https://doi.org/10.25258/ijddt.11.4.4)]
3. **Mazumder Avijit**, Yadav Bharti, Sharma Harender, “Phytotherapy for peptic ulcer: An overview on important Indian herbal plants having flavonoid as antiulcer activity”, Plant Science Today, 8(40);1006-1014, 2021. (SCOPUS) [DOI: <https://doi.org/10.14719/pst.1350>]
4. Bind Amit, **Das Saumya, Singh Veena Devi**, Kumar Roshan, Chourasia Anurag, Saha Purabi, “Natural Bioactives for The Potential Management of Gastric Ulceration”, Turkish Journal of Physiotherapy and Rehabilitation, 32(3);15633-15640, 2021. (SCOPUS) [Weblink: <https://turkjphysiotherrehabill.org/pub/32-3.html>]
5. Mishra Prem Shankar, **Mishra Rakhi**, Gupta Ram Ji, Maiviya Rishab, **Mazumder Rupa**, “Efficient Green Synthesis and Biological Evaluation of Thiadiazole Derivatives”, Letters in Applied Nanosciences, 10(3);2594-2604, 2021. (SCI) [DOI: <https://nanobioletters.com/wpcontent/uploads/2021/01/22846808103.25942604>]
6. Sharma Vikas, **Majee Chandana**, Saxena Shivani, Kaushik Rahul, Kumari Sunita, **Sharma Divya**, Joshi Sagar, Sawanny Rajni, **Salahuddin, Mazumder Avijit**,

“Management of COVID – 19 patients using plasma therapy, diagnostic tests and possible treatments: a review”, Journal of Critical Reviews, 8(01);75-84, 2021. (SCI) [WebLink: <file:///C:/Users/shree%20ram/Downloads/managmentofcovid.pdf>]

7. **Singh Veena Devi**, Kumar Vijay, Daharwal Sanjay J, “Application of Central Composite For Screening and Optimization of HPTLC Method for simultaneous quantification of Aprepiant, Dexamethasone and Ondansetron in their synthetic mixtures”, Research Journal of Pharmacy and Technology, 14(10);5531-9, 2021. (SCOPUS) [DOI: 10.52711/0974-360X.2021.00965]
8. **Padhi Swarupanjali, Mazumder Rupa**, Bisth Shradha, “Development of Reverse Phase Ultra-fast Liquid Chromatography Using Ion-pairing Reagent for Quantitative Assessment of Ceftriaxone in Rat Serum and Cerebrospinal Fluid”, Current Pharmaceutical Analysis, 17(8);1088-1092, 2021. (SCI) [DOI: <https://doi.org/10.2174/1573412916999200526112921>]
9. Dhasmana Shruti, **Das Sanjita**, Shrivastava Shivani, “Potential Nutraceutical from the casein fraction of goat’s milk”, Journal of Food Biochemistry, 1-8, 2021.(SCOPUS) [DOI: <https://doi.org/10.1111/jfbc.13982>]
10. **Das Sanjita**, Divya, “A Comprehensive Review on Acromegaly: A Complicated Endocrine Disorder”, Journal of Physical Medicine Rehabilitation Studies & Reports, 3(3);1-3, 2021.(SCOPUS) [DOI: [doi.org/10.47363/JPMRS/2021\(3\)142](https://doi.org/10.47363/JPMRS/2021(3)142)]
11. **Das Sanjita**, Dubey Anupam, “A Comprehensive Review on Spinal Muscular Atrophy (SMA)”, Perception in Reproductive Medicine, 4(4);333-337, 2021.(SCOPUS) [DOI: 10.31031/PRM.2021.04.000594]
12. Dhasmana Shruti, **Das Sanjita**, Shrivastava Shivani, Khan Irfan, Singh Kumari Renu, “Goat Milk: A Potent Nutraceutical”, International Journal of Pharmaceutical Research,13(2);2167-2169, 2021. (SCOPUS) [DOI: <https://doi.org/1031838/ijpr/2021.13.02.304>]
13. Singh Sanjana, **Das Sanjita**, “A Comprehensive Review on Mucormycosis in Covid-19 patients in India”, European Journal of Biomedical and Pharmaceutical Sciences, 8(7);193-196, 2021. [PEER REVIEWED] [DOI: [https://www.ejbps.com/ejbps/abstract\\_id/7952](https://www.ejbps.com/ejbps/abstract_id/7952)]
14. Kumar Ajay, **Salahuddin, Kumar Rajnish**, Sahu Rakesh, MishraShivali, Singh

- Chanchal, Tiglani Devleena, "Anti-diabetic Potentials of Thiazolidinedione Analogues with Efficient Synthetic Procedures: A Review of Literature", *Mini-Reviews in Organic Chemistry*, 18,1-22, 2021.(**SCI**) [DOI: 10.2174/1570193X18666210224153849]
15. Singh Chanchal, **Kumar Rajnish, Mazumder Avijit, Salahuddin**, Kumar Ajay, Sahu Rakesh, Mishra Shivali, Abdullah Mohd. Mustqem, "Benzothiazole: Synthetic Strategies, Biological Potential, and Interactions with Targets", *Mini Reviews in Organic Chemistry*, 18, 1-15, 2021.(**SCI**) [DOI: 10.2174/1570193X18666210308145703]
16. Yadav Deepika, **Mazumder Avijit**, Khar Roop K, "Preparation and Characterization of Mucoadhesive Nanoemulsion containing Piperine for Nasal Drug Delivery System", *Research Journal of Pharmacy and Technology* 14(5);2381-2386, 2021.(**SCOPUS**) [DOI: 10.52711/0974-360X.2021.00420]
17. Joshi Sagar, **Salahuddin, Kumar Rajnish, Sharma Divya**, "An Overview of Bioactive Alkaloid, Semi-Synthetic Analogs, Mechanism of Action and Structure- Activity Relationship of Piperine as Antioxidant", *Asian Journal of Chemistry*, 33(9);2244-2250, 2021.(**SCOPUS**) [DOI: 10.14233/ajchem.2021.23430]
18. Afreen, **Salahuddin, Mazumder Avijit**, Joshi Sagar, **Kumar Rajnish**, Shahar Yar Mohammad, Ahsan Mohamed Jawed, "Insight Into The Isolation, Synthesis and Structure-Activity Relationship of Piperine Derivatives for The Development of New Compounds: Recent Updates", *Current Topics in Medicinal Chemistry*, 2021. (**SCI**) [DOI: 10.2174/1568026621666210917085449<https://pubmed.ncbi.nlm.nih.gov/34530714/>]
19. Sharma Vikas, **Majee Chanadana**, Kaushik Rahul, Saxena Shivani, **Salahuddin, Mazumder Avijit**, "Development of Herbal Ayurvedic Formulation as Digestive Tablets,Evaluation of its Pharmaceutical, Pharmacognostic Parameters and Screening of its antioxidant Potential", *Research Journal of Pharmacy and Technology*, 14(11);1-7, 2021. (**SCOPUS**) [DOI: <https://doi.org/10.52711/0974-360X.2021.01018>]
20. **Majee Chandana, Mazumder Rupa**, Choudhary Alka N, "Pharmacognostical Investigation of *Trapa natans* L Leaves" *Research Journal of Pharmacy and Technology*, 14(9);4680-4684, 2021. (**SCOPUS**) [DOI: 10.52711/0974-360X.2021.00813]

21. Saini Sweety, **Majee Chandana**, “Antiulcer activity of Lagerstroemia Indica leaves in Indomethacin Induced Gastric Ulcer in Rats”, Research Journal of Pharmacy and Technology, 14(8);4408-4412, 2021. (SCOPUS) [DOI:10.52711/0974-360X.2021.00765]
22. Khan Fahad, Pandey Pratibha, Mishra Rashmi, Mohd Arif, Kumar Ambuj, Jafri Asif, **Mazumder Rupa**, “Elucidation of S-allylcysteine role in inducing apoptosis by inhibiting PD-L1 expression in human lung cancer cells”, Anti-Cancer Agents in Medicinal Chemistry, 21(4);532-541, 2021. (SCI) [DOI: [10.2174/1871520620666200728121929](https://doi.org/10.2174/1871520620666200728121929)]
23. Preeti, **Padhi Swarupanjali**, “Formulation of Oral Dosage Form of antidiabetic drug Glipizide using Mixed Solvency method” Research Journal of Pharmacy and Technology, 14(1);427-431, 2021.(SCOPUS) [DOI:[10.5958/0974-360X.2021.00077.9](https://doi.org/10.5958/0974-360X.2021.00077.9)]
24. Tiglani Devleena, **Salahuddin, Mazumder Avijit** , Shahar Yar Mohammad , **Kumar Rajnish**, Ahsan Mohamed Jawed, “Benzimidazole- Quinoline Hybrid Scaffold as Promising Pharmacological Agents: A Review”, Polycyclic Aromatic Compounds, 2021.(SCI) [DOI:10.1080/10406638.2021.942933]
25. Ali Amena, Ali Abuzer, **Salahuddin**, Bakht Mohammad Afroz, Ahsan Mohamed Jawed, “Synthesis and Biological Evaluations of N-(4-Substituted Phenyl)-7- Hydroxy-4- Methyl-2- Oxoquinoline-1(2H)-Carbothioamides”, Polycyclic Aromatic Compounds, 42(8);4910-4921, 2021. (SCI) [DOI:10.1080/10406638.221.1924210]
26. **Sharma Divya, Salahuddin** , Sharma Vikas, **Kumar Rajnish**, Joshi Sagar, Kumari Sunita, Saxena Shivani, **Mazumder Avijit**, Shahar Yar Mohammad, Ahsan Mohamed Jawed, “1,3,4- Oxadiazoles as Potential Pharmacophore for Cytotoxic Potentiality: A Comprehensive Review”, Current Topics in Medicinal Chemistry, 21(15),2021.(SCI) [DOI: [10.2174/1568026621666210612031144](https://doi.org/10.2174/1568026621666210612031144)]
27. Manorma, **Mazumder Rupa, Rani Anjna**, Budhori Rajat, Kaushik Ayushi, “Current Measures Against Ophthalmic Complications Of Diabetes Mellitus-A Short Review”, International Journal of Applied Pharmaceutics, 13(6);54-65, 2021. (SCOPUS) [DOI: [10.22159/Ijap.2021v13i6.42876](https://doi.org/10.22159/Ijap.2021v13i6.42876)]
28. Anand Utpal, **Mazumder Avijit, Das Saumya**, “A Holistic Overview of “*Callistemon Viminalis*”, A Medicinally Important Plant Along with Their Pharmaceutical

- Significance- An Update Review”, Turkish Journal of Physiotherapy and Rehabilitation, 32(3);17299, 2021. (SCOPUS) [DOI: <https://www.turkjphysiotherrehabil.org/pub/pdf/321/32-1-2112.pdf>]
29. Pooja, **Mazumder Avijit, Das Saumya**, “Hepatoprotective Nature of Aerial Parts of *Caesalpinia pulcherrima* in STZ Induced Diabetic Rat Model”, Research Journal of Pharmacy and Technology, 14(7);3716-3720, 2021.(SCOPUS) [DOI: 10.52711/0974-360X.2021.00643]
30. Sharma Harender, **Mazumder Avijit**, Yadav Bharti, Bind Amit, “Exploration of Leaves, Stem and Records of *Bryophyllum pinnatum* for its Pharmacological and Phytochemical Profile”, Turkish Journal of Physiotherapy and Rehabilitation, 32(3);17309. 2021 (SCOPUS) [DOI]<https://www.turkjphysiotherrehabil.org/pub/pdf/321/32-1-2113.pdf>]
31. **Mishra Rakhi**, Mishra Prem Shankar, **Mazumder Rupa, Mazumder Avijit**, Chaudhary Anurag, “Computational Docking Technique for Drug Discovery: A review”, Research Journal of Pharmacy and Technology, 14(10);5558-62, 2021.(SCOPUS) [DOI: [10.52711/0974-360X.2021.00968](https://doi.org/10.52711/0974-360X.2021.00968)]
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33. Sahu Rakesh, **Mishra Rakhi, Kumar Rajnish, Salahuddin, Majee Chandana, Mazumder Avijit**, Kumar Ajay, “Pyridine Moiety: An Insight into Recent Advances in the treatment of Cancer”, Mini Reviews in Medicinal Chemistry, 22(2);248–272, 2021. (SCI) [DOI: 10.2174/1389557521666210614162031]
34. Singhal Kartik, **Majee Chandana**, Sharma Vikas, “Pharmacognostic Investigation and Antioxidant Activity of *Sphagneticola trilobata*”, Asian Journal of Chemistry, 33(9); 2053-2058, 2021. (SCOPUS) [DOI: <https://doi.org/10.14233/ajchem.2021.23290>, [kahttps://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=33\\_9\\_13](https://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=33_9_13)]
35. Kumar Akhalesh, **Mishra Rakhi, Mazumder Avijit, Mazumder Rupa**, Kumar Arun, “An Updated Review on Synthesis and Biological Activity of Thiosemicarbazide Analogs”, Asian Journal of Chemistry, 33(9);1957-1975, 2021. (SCOPUS) [DOI:

[https://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=33\\_9\\_1](https://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=33_9_1) ]

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37. Tiglani Devleena, **Salahuddin, Mazumder Avijit, Kumar Rajnish,** Mishra Shivali, “Synthetic Approaches and Biological Activities of Quinoline Derivatives: A Review”, International Journal of Pharmaceutical Research, 13(1);4605-4613, 2021. (SCOPUS) [DOI: <https://doi.org/10.31838/ijpr/2021.13.01.582>]
38. Kumar Anshul, **Kumar Rajnish, Mazumder Avijit,** “Synthesis, Characterization, and Antibacterial Activity of Terazosin Hydrochloride Drug and Market Formulation”, Research Journal of Pharmacy and Technology, 14(9);4777-82, 2021. (SCOPUS) [DOI: <https://rjptonline.org/AbstractView.aspx?PID=2021-14-9-45>]
39. **Singh Veena Devi,** Singh Vijay Kumar, Daharwal Sanjay J, “The comparison of two Chemometric Assisted UV spectrophotometric Techniques with High Performance Liquid Chromatography Methods for simultaneous determination of three Antiemetic drugs used in Chemotherapy Induced Nausea and Vomiting”, Research Journal of Pharmacy and Technology, 14(9);4815-4824, 2021. (SCOPUS) [DOI: 10.52711/0974-360X.2021.00837]
40. **Kumar Rajnish,** Singh Chanchal, **Mazumder Avijit, Salahuddin ,** Abdullah Md Mustqeem, Kushwaha Vivek, Giri Pavan Prakash, “Synthetic approach to potential anticancer Benzimidazole-a review”, Mini reviews in medicinal chemistry, 22(9);1289–1304, 2021. (SCI) [DOI: <https://pubmed.ncbi.nlm.nih.gov/34598663/>]
41. Ray Pushkar Kumar, **Salahuddin, Kumar Rajnish,** Kumar Akhalesh, “Synthesis and Pharmacological Activity of Pyrazoline Bearing Benzimidazole Derivatives An-Up-To-Date-Review”, Turkish Journal of Physiotherapy and Rehabilitation, 32(3);18612-18635, 2021. (SCOPUS), [DOI: <https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-2270.pdf>]
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44. **Das Saumya, Shakya Richa, Mazumder Avijit**, Mittal Daivik, Manchanda Hritik, Das Manas Kumar, “Medical Internet of Things (m-IoT)-The Future of Pharma”, International Journal of Pharmaceutical Research, 13(2);4157-4163, 2021. (SCOPUS) [DOI: <https://doi.org/10.31838/ijpr/2021.13.02.516> ]
45. **Mazumder Avijit**, Singh Ashini, Jha Sujeet, “Study of side effects of metformin immediate release in comparison with sustained and extended release in type 2 diabetic patients of a tertiary care hospital in North India”, International Journal of Pharmaceutical Research, 3(2);1934-1939, 2021. (SCOPUS) [DOI: <https://doi.org/10.31838/ijpr/2021.13.02.263> ]
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47. Kumar Vivek, **Kumar Rajnish, Salahuddin, Mazumder Avijit**, “Design, synthesis and in vivo Antibacterial Evaluation of Napthalen-2-yloxy based Oxadizole-2-thione Derivative” Asian Journal of Chemistry, 33(2);266-270, 2021. (SCOPUS) [DOI: <https://doi.org/10.14233/ajchem.2021.22912> ]
48. Yadav Bharti, **Majumder Avijit**, Sharma Harender, Sharma Prashant, Bind Amit, “Treatment and cure of ulcer by herbal plants having flavonoids as active constituents”, Journal of Pharmaceutical Sciences and Research, 13(5);271-278, 2021. (SCOPUS) [DOI: <https://www.jpsr.pharmainfo.in/Documents/Volumes/vol13issue05/jpsr13052106.pdf> ]
49. Ali Amena, Ali Abuzer, Tahir Abu, Bakht Md. Afroz, **Salahuddin**, Ahsan Md. Jawed, “Molecular Engineering of Curcumin, an Active Constituent of Curcuma Longa L. (Turmeric) of the Family Zingiberaceae with Improved Antiproliferative Activity”,

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50. Kumar Ajay, **Salahuddin, Mazumder Avijit**, Md. Shahar Yar, **Kumar Rajnish**, Ahsan Md. Jawed, “The synthesis and Anticancer potentials of Quinoline Analogues: A Review of Literature”, *Mini-Reviews in Organic Chemistry*, 18;1-34, 2021.(SCI) [DOI: 10.2174/1570193X17999201012182001]
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52. **Das Saumya, Mazumder Avijit**, Kumar Vikas, Das Manas Kumar, Rani Renu, “Antidiabetic and Antihyperlipidemic Potential of *Abelmoschus esculentus* against Streptozotocin-Induced Diabetes: Biochemical and Histopathological Observation”, *Latin American Journal of Pharmacy at. Am. J. Pharm.* 40 (10);2509-19, 2021. (SCI) [WebLink: [http://www.latamjpharm.org/resumenes/40/10/LAJOP\\_40\\_10\\_1\\_35.pdf](http://www.latamjpharm.org/resumenes/40/10/LAJOP_40_10_1_35.pdf)]
53. Chand Suniti, **Mazumder Avijit, Das Saumya**, Sharma Anamika, Sharma Ankit, kumar Lalit, Rathor Rohitash, “Herbal Approach and Its Molecular Hypothesis for the Management of Convulsant Induced Depression as Comorbidity: A Critical Review”, *International Journal of Pharmaceutical Research*, 13(2);216-223, 2021. (SCOPUS) [DOI: <https://doi.org/10.31838/ijpr/2021.13.02.049>]
54. Rathour Rohitash, **Mazumder Avijit, Das Sanjita**, Chand Suniti, Sharma Anamika, Sharma Ankit, Kumar Lalit, “Review on *Syzygium cumini* Linn: A promising ethnopharmacological plant”, *International Journal of Pharmaceutical Research*, 13(2);166-175, 2021. (SCOPUS) [WebLink: <https://web.s.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09752366&AN=153004469&h=ZX3I7AB%2bcRCQ5lxdslFcurgMJ7hJm vCqsBZTAOaRkPBfOUVLYI8GiwCb7HSV4MCzunmPT3Vr%2bMRk74w62AtQDg%3d%3d&url=f&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d09752366%26AN%3d153004469>]
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57. Rajangam Jayaraman, Navaneetha Krishnan S, Palei Narahari N, Bhatt Shvetank, Das Manas Kumar, **Das Saumya**, Mathusoothanan Krishnapillai, “Ameliorative Potential of Rosuvastatin on Doxorubicin-Induced Cardio Toxicity by Modulating Oxidative Damage in Rats”, *Turkish Journal of Pharmaceutical Sciences*, 19(1);28-34, 2021. (SCOPUS) [DOI: 10.4274/tjps.galenos. 2021.70745]
58. **Das Sanjita**, Khan Irfan, Dhasmana Shruti, Shrivastava Shivani, Singh Km Renu, “Formulation and Evaluation of the Antidiabetic, Hypolipidemic and Antioxidant Potential of the Tablets of Arbotristoside-A from the seeds of *Nycanthes arbotristis* Linn.”, *Indian Journal of Pharmaceutical Education and Research*, 55(4);1, 2021. (SCI) [DOI: 10.5530/ijper.55.4.208]
59. Kumar Ajay, **Salahuddin**, **Mazumder Avijit**, **Kumar Rajnish**, Sahu Rakesh, Mishra Shivali, Singh Chanchal, Mohammad Shahar Yar, Ahsan Mohamad Jawed, “Synthesis, Characterization, and Antidiabetic Evaluation of Substituted 5-(2-Chloro-Quinolin-3-Ylmethylene)-Thiazolidine-2,4-Dione”, *Indian Journal Of Heterocyclic Chemistry*, 31(03);357-364, 2021.(SCI) [DOI: <https://connectjournals.com/01951.2021.31.1>]
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65. **Das Sanjita, Das Saumya**, Singh Aniruddh Pratap, Das Manas Kumar, Gautam Nishu, Mohaptra P. Ayash Kumar, **Shakya Richa**, “Arbortristoside-A: A Promising Bioactive Moiety from Nyctanthes arbortristis Linn. Against Hemorrhoid” Pharmacognosy Magazine, 17(76);695-699, 2021. (SCI) [DOI: 10.4103/pm.pm\_573\_20]
66. Anamika Sharma, **Saumya Das, Avijit Mazumder**, Ankit Shama, Suniti Chand, “Ethanopharmacological survey of Rohodendron arboretum used by the himalayan Ethnic community in Uttarakhand, India”, International Journal of Pharmaceutical Research, 13(2);110-118, 2021. (SCOPUS) [DOI: <https://doi.org/10.31838/ijpr/2021.13.02.025>]
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