



CV of Dr. Asish Bhaumik

Name: Dr. Asish Bhaumik

Designation: Associate Professor

Address for Communication:(office) : School of Pharmaceutical Sciences (GIPS-T), GCU, Tezpur Campus, Dekargaon, Tezpur, Assam-784501.

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Sex: Male

Date of Birth: 22-01-1978

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / University / Council	Specialization
1.	HSLC/10 th Std.	1997	T.B.S.E	NA
2.	HSSLC/10+2 Std.	1999	T.B.S.E	Science
3.	Degree (B. Pharm)	2003	T.U	Pharmacy
4.	Master's Degree (M. Pharm)	2012	The DR. MGR Medical University	Pharmaceutical Chemistry
5.	M. Phil.(Please Specify)	-	-	-
6.	Ph. D. (Doctoral Degree)	2022	Assam down town Univesity	Medicinal Chemistry
7.	Post-Doctoral (Please Specify)	-	-	-
8.	Others (PGDAIB)	2005	SIES-Indian Institute of Environment Management	Applied and Industrial Biotechnology
9.	Others (PGDCR & CDM)	2012	CCR	Clinical research



Languages known:

Language	Read	Write	Speak
English	Yes	Yes	Yes
Hindi	No	No	Yes
Assamese	Yes	No	Yes
Bengali	Yes	Yes	Yes
Telugu	No	No	Yes

Academic / Administrative Experience:

1. Worked as a Lecturer in Vikas Pharmacy College (Diploma in Pharmacy), Kodad, Nalgonda district, Andhra Pradesh from 01. 08. 2004 to 31. 12. 2005.
2. Worked as a Contractual Lecturer in the Department of Medical Laboratory Technology (MLT) in the Government Women's Polytechnique, Hapania, Tripura (West) from 02. 01. 2006 to 31. 05. 2010.
3. Worked as an Assistant Professor in Teja College of Pharmacy, Kodad, Suryapet (Dist), 508206, Telangana (previously Andhra Pradesh), since 01.07. 2012 to 01.07.2017 and from 03. 07. 2017 to 05. 07. 2018 worked as an Associate Professor in the same College.
4. Worked as an Associate Professor in Anurag Pharmacy College, Ananthagiri, Kodad, Suryapet (Dist), 508206, Telangana, since 09. 07. 2018 to 28.02.2020.
5. Worked as an Evaluator for poster as well as oral presentation in National conferences and seminars.
6. Worked as an observer for external examination conducted by Jawaharlal Nehru Technological University Hyderabad from 2013 to 2018.
7. Worked as external lab examiner conducted by Jawaharlal Nehru Technological University Hyderabad from 2013 to 2018.
8. Worked as an Associate Professor in Narayan Institute of Pharmacy, Gopal Narayan Singh University (GNSU), Jamuhar, Sasaram, Rohtas- 821305, Bihar, since 03. 03. 2020 to 05.11.2020.
9. Worked as a Principal in Agra Public Pharmacy College of Diploma (APPCD), Artoni, and Agra from 06-11-2020 to 24-07-2021.
10. Worked as Head of Institution in Gautam Institute of Pharmacy, Saiyad-Bahri, Hilsa-Chandi Road, Nalanda from 27-10-2021 to 02-03-2023.
11. Worked as Secretary & convener in various scientific and cultural program from 2021 to 2022.
12. Currently Working as an Associate Professor in School of Pharmaceutical Sciences, GCU, Tezpur campus from 15-03-2023 to till date.
13. Worked as a Organising Secretary for National Conference and intra college quiz competition on



16th February 2024, 28th February, 2024 and 6th March, 2024.

List of Publications (74) :

1. 2-Pyrazoline: A Pharmacologically Active Moiety. Dipankar. B^{*1}, Hirakmoy C², Asish. B.¹, Abhijit C¹. International Research Journal of Pharmaceutical and Applied Science (IRJPAS), Vol-1, Issue1, 2011, pp 68-80. ISSN: 2277-4149.
2. Analysis of Biological sample by LC-MS: A Complete Review. Dipankar. B², Hirakmoy C^{*1}, Asish. B.², Abhijit C², 2011, International Research Journal of Pharmaceuticals and Applied Science (IRJPAS), Vol-1, Issue1, 2011, pp 81-104. ISSN: 2277-4149.
3. Synthesis, Characterization and Evaluation of Analgesic, Anti-inflammatory, Ulcerogenic Potential of Some 2- Pyrazoline Derivatives. B. Dipankar^{*1}, P. Pannerselvam² and B. Asish³. Scholar Research Library Der Pharma Chemica, 2012, 4 (4):1679-1688, ISSN: 0975-413X.
4. Synthesis, Characterization and Antimicrobial Activities of Some 2-Pyrazoline Derivatives. B. Dipankar^{*}. P. Pannerselvam and B. Asish. Academic Sciences, Asian Journal of Pharmaceutical and Clinical Research (AJPCR). Vol 5, Issue 4, 2012, pp 42-46, ISSN: 0974-2441.
5. Plants Possessing Potential Analgesic, and Anti inflammatory Activities: A Review. Usha.G^{1*}, Pavani. B¹, Deepika. B¹, Tharun. T¹, Asish. B.². Scholars Academic Journal of Pharmacy (SAJP), Vol 1, Issue 1 Sept-Oct 2012, pp18-23, ISSN: 2320-4206.
6. A Review on Erectile Dysfunction and Current Therapy. K.Yalla Reddy, J. Mastanaiah, M. Anil kumar, Asish bhaumik, Srinivas K, C. Srinivas. International Journal of Advances in Pharmaceutical Research (IJAPR). Vol 4, Issue 2, 1456-1463, ISSN: 2230-7583.
7. Herbal Prospects for Treatment of Swine Flu: A Review. Fulchan Ali¹, Abdul Mukit², Sujay Sharma², Asish Bhaumik³. Scholar Journal of Applied Medical Sciences (SJAMS), 2013; 1(1):16-19, ISSN: 2320-6691.
8. Evaluation of Diuretic Activity of Methanolic Extract of Oxalis latifolia Kunth in albino Wistar rats. ^{*1}K. Yalla Reddy, ²M. Anil Kumar, ³P. Sraavan Kumar, ⁴Asish Bhaumik, ⁵R. Manohar. Journal of Science Toxicology, 6(3), 2013, 51-56, eISSN: 2277-3290.
9. Phytochemical Analysis and Antimicrobial Studies of Various Extracts of Tomato (*Solanum lycopersicum* L.). J. Murali Krishna, Asish Bhaumik^{*}, P. Sraavan Kumar. Scholar Academic Journal of Biosciences (SAJB), 2013; 1(2):34-38, ISSN: 2321-6883.
10. Synthesis, Characterization and Evaluation for Antidepressant activities of some Novel 4-Thiazolidinone Derivatives. B. Vamshi Dhar, Asish Bhaumik^{*}, P. Yadagiri Reddy. Scholar Academic Journal of Pharmacy (SAJP), 2013; 2(4): 289-292, ISSN: 2320-4206.
11. Synthesis, Characterization and Evaluation for Anxiolytic activities of some Novel 4-Thiazolidinone Derivatives. Asish Bhaumik^{1*}, A. Narayana Reddy¹, M. Ashok Chandra², G. Neelamma³, Scholar Academic Journal of Pharmacy (SAJP), 2013; 2(5): 354-359, ISSN: 2320-4206.



12. Synthesis, Characterization and Evaluation for Anti-arthritis activity of some Novel 4-Thiazolidinone Derivatives. Asish Bhaumik^{*}, M. Upendhar, D.Soundarya, P.Sravan Kumar, Ch. Manogna, International Research Journal of Pharmaceutical and Applied Science (IRJPAS), 2013;3(5): 88-93. ISSN: 2277-4149.
13. Synthesis, Characterization and Evaluation of Anticonvulsant activity of some Novel 4-Thiazolidinone Derivatives. Asish Bhaumik^{1*}, M. Ashok Chandra¹, S. Saha², J. Mastanaiah², T. Visalakshi², Scholar Academic Journal of Pharmacy (SAJP), 2014; 3(2): 128-132, ISSN: 2320-4206.
14. The Bioactive Compounds Obtained from the Fruit-Seeds of *Madhuca longifolia* (L) Act as Potential Anticancer Agents. Asish Bhaumik^{1*}, M. Upender Kumar¹, Kaleem Ahmed Khan², Ch. Srinivas³, Scholar Journal of Applied Medical Sciences (SJAMS), 2014; 2(4A):1235-1238, ISSN: 2320-6691.
15. Synthesis, Characterization and Evaluation of Anticancer activity of some Novel 4-Thiazolidinone Derivatives. ^{1*}Asish Bhaumik, ¹Upender Kumar M, ²Kaleem Ahmed Khan, ³Ch. Srinivas, International Journal of Current Research (IJCR), Vol.6, Issue, 09, pp.8508-8514, September, 2014, ISSN: 0975-833X.
16. Synthesis, Characterization and *In vitro* and *In vivo* Evaluation of Anti-inflammatory activity of some Novel 4-Thiazolidinone Derivatives. ^{*}Asish Bhaumik, M . Upender Kumar, Kaleem Ahmed Khan, Ch. Srinivas, Sujay Sharma, The Pharma Innovation Journal (TPI), 2014; 3(8):42-54, ISSN: 2277-7596.
17. Phytochemical and Antimicrobial Screening of various extracts of Castor Fruit-Seeds (*Ricinus communis* L). ^{1*}Asish Bhaumik, ²Swapna. M, ³Sucharitha. M, ⁴Sravaya. S, ⁵Lavanya. M, ⁶Siraj Ahmed Md, International Journal of Information Research and Review (IJIRR), Vol. 1, Issue, 10, pp. 124-127, October, 2014, ISSN: 2349-9141.
18. Synthesis, Characterization and Evaluation of Antimicrobial profile of 4-Thiazolidinone Derivatives. Asish Bhaumik^{*1}, M. Upender Kumar¹, M. Sucharitha¹, Dr. P. Panneerselvam², Sunil Kumar Sing², International Journal of Current Trends in Pharmaceutical Research (IJCTPR), 2014, Vol. 2(6): 680-686, ISSN: 2321-3760.
19. Phytochemical and Antimicrobial Screening of various extracts of Watermelon (*Citrullus vulgaris* L). Asish Bhaumik^{*1}, M . Upender Kumar¹, Prasenjit Das², K. Yalla Reddy³, J. Mastanaiah⁴, International Journal of Research in Pharmacy and Life Sciences (IJRPLS), 2014, 2(2): 218-223, ISSN: 2321-5038.
20. Synthesis, Characterization and Evaluation of *In vitro* Cytotoxic Activity of some novel Flavanoid derivatives. Asish Bhaumik^{*1}, Ch. Srinivas², B. Ramu³, Siraj Ahmed Md⁴, International Journal of Pharmaceutical Research and Bioscience (IJPRBS), 2014; Vol.3(6): 380-391, ISSN: 2277-8713.



21. The Bioactive Compounds of Fruit of *Lagerstroemia speciosa* L. act as Potential Antimicrobial Agent. Asish Bhaumik^{*1}, B. Ramu², Fazul Rahman¹, Sk. Basheer¹, J. Mastanaiah³, International Journal of Pharma Research and Health Sciences (IJPRHS), Vol. 2(6), 2014, page-476-480, ISSN: 2348-6465.
22. The Bioactive Compounds obtained from the Tomatoes (*Solanum lycopersicum* L) Act as Potential Anticancer agents against the Human Cervicle Adenocarcinoma. Asish Bhaumik^{*1}, M . Upender Kumar¹, P. Sravan Kumar², Kaleem Ahmed Khan², Ch. Srinivas³, Asian Journal of Medical and Pharmaceutical Sciences (AJMPS), Vol. 2(2): 169-173, ISSN: 2348-0165.
23. Phytochemical Screening and *In vitro* Evaluation of Cytotoxic Activity of Fruits of *Lagerstroemia speciosa* L. Asish Bhaumik^{*1}, M . Upender Kumar¹, Ch .Monogna¹, Kaleem Ahmed Khan², M. Uttara², M. Swapna². Scholar Academic Journal of Biosciences (SAJB), 2014; 2(12A): 854-859, ISSN: 2321-6883.
24. Synthesis, Characterization and Evaluation of Antimicrobial Profile of some novel Flavanoid derivatives. ^{1*}Asish Bhaumik, ²Neelamma. G, ³Vijaya. Y, ⁴Fazul Rahaman and ⁴Chaitanya Reddy. G. V. International Journal of Recent Advances in Multidisciplinary Research (IJRAMR), Vol. 02, Issue 01, pp. 0177-0181, January, 2015, ISSN: 2350-0743.
25. Phytochemical Screening and *In vitro* Evaluation of Cytotoxic Activity of Fruits of *Meyna spinosa* Roxb. ^{1*}Asish Bhaumik, ²G. V. Chaitanya Reddy, ³Balamuralikrishna. B, ⁴Basheer. Sk, ⁵Fazul Rahaman, International Journal of Development Research (IJDR), Vol. 5, Issue, 03, pp. 3814-3816, March, 2015, ISSN: 2230-9926.
26. Synthetic Novel Flavanoid derivatives act as Potential Antineoplastic agent. Asish Bhaumik^{*1}, B. Ramu², Sk. Basheer³, Prasenjit Das⁴, J. Mastanaiah⁵, International Journal of Medicine and Pharmaceutical Research (IJMPR), 2015, 3(2): 956-961, ISSN: 2321-2624.
27. Biomolecules Present in the Fruits of *Phyllanthus acidus* L act as Potential Hepatocytes Regenerators against CCl₄ induced Rat hepatocytes. Asish Bhaumik^{*1}, Tarun Kanti Ghosh², Prasenjit Das², Bhargav Bhongiri³, M. Sucharitha¹, International Journal of Life and Biosciences (IJLBiosc), Vol 1(1), 2015, 01-06, eISSN: 2454-244X.
28. Synthetic Novel 1, 4- Dihydropyridine Derivatives Act as Potential Hepatoprotective Agent against CCl₄ induced Rat Hepatocytes. Asish Bhaumik^{*}, G. V. Chaitanya Reddy, Sk. Yasin Pasha, Sk. Shareef and R. Nagababu, Journal of Pharmacy and Pharmacology (JPP), 3 (2015) 80-89. ISSN: 2328-2150.
29. Phytochemical Screening and Evaluation of Antibacterial Profile of Fruits of *Meyna spinosa* Roxb. ^{1*}Asish Bhaumik, ²Prasenjit Das, ³Dr. Tajendra Bhakta, ⁴Rabindra Tripura and ⁵Sravaya. S, International Journal of Current Research (IJCR), Vol. 7, Issue, 05, pp 16188-16191, May, 2015, ISSN: 0975-833X.



30. Biologically active molecules of Fruit of *Vitis vinifera* act as Potential Antimicrobial agent. Asish Bhaumik^{1*}, G. V. Chaitanya Reddy², Md. Salmasultana³, Sk. Shareef⁴, B. Satyavathi⁵, International Journal of Medicine and Nanotechnology (IJMN), Vol. 2 (2), 2015, page-228-233, eISSN: 2394-4269.
31. Synthetic Novel 1, 4-Dihydropyridine Derivatives Act as Potential Anticancer Agent against both Human small cell lung DMS 114 cancer cell line and Human colon cancer cell line HCC 2998. Asish Bhaumik^{1*}, Bhargav Bhongiri², K. Devika¹, P. Yadagiri Reddy³, Prasenjit Das⁴, American Journal of Pharmacy and Health Research (AJPBR), 2015, Vol. 3, Issue 6, pp-144-153, ISSN: 2321-3647.
32. Phytochemical Screening and *In vivo* Evaluation of Anti inflammatory Activity of Fruits of Lagerstroemia speciosa L. Prasenjit Das^{1*}, Asish Bhaumik^{2*}, ⁴Rabindra Tripura¹, Sanjoy Das¹, R. Nagababu², American Journal of Pharmacy and Health Research (AJPBR), 2015, Vol. 3, Issue 6, pp-137-143, ISSN: 2321-3647.
33. Screening of *in vitro* Antineoplastic activity of Fruit of *Vitis vinifera* against Human Colon Cancer HT-29 Cell line. ¹Asish Bhaumik^{*}, ²P. Yadagiri Reddy, ³Bhargav Bhongiri, ¹Sk. Yasin Pasha, ¹R. Nagababu, International Journal of Pharmaceutical and Clinical Science (IJPCS), 2015; 5(1): 8-12, ISSN: 2277-7202.
34. The Bioactive compounds obtained from the Papaya (*Carica papaya*) act as potential Anticancer agents against the Human Prostate Cancer Cell Line DU-145. Asish Bhaumik^{*1}, Swapna M¹, Sucharitha M¹, Devika K¹, Ashwini Kumari N¹, International Journal of Pharmacy and Bio-Sciences (IJPBS), Vol. 1, Issue 1, 2015, pp 1-5, ISSN: 2393-803X.
35. The Biomolecules present in the fruit-seeds of *Glycosmis pentaphylla* L. act as potential Hepatoprotective agent. P. Sravan Kumar¹, Asish Bhaumik^{*2}, Mrinal Kanti Sarkar³, Nibedita Roy³, Mahendar Boddupally⁴, Indo American Journal of Pharmaceutical Sciences (IAJPS), 2015, 2 (8), 1190-1197, ISSN: 2349-7750.
36. The Biomolecules present in the fruit-seeds of Madhuca longifolia (L) act as potential Anticonvulsant agents against MES induced Rats. Mahendar Boddupally¹, Asish Bhaumik^{*2}, Chaitanya Reddy G. V³, Prasenjit Das⁴ and Shibu Das⁵, International Journal of Current Medical and Pharmaceutical Research (IJCMR), Vol. 1, Issue, 7, pp 96-98, August, 2015, ISSN: 2395-6429.
37. Development of a new UV/Visible Spectrophotometric and HPLC methods for simultaneous estimation of Metformin and Sitagliptin. Md. Salmasultana¹, Asish Bhaumik^{*2}, Hiroshima Kumari³, P. Lavanya⁴, A. Uma⁵, T. Haritha⁶, International Journal of Medicine and Pharmaceutical Research (IJMPR), 2015, 3(5): 1189-1197, ISSN: 2321-2624.
38. Synthesis, Characterization and *In-vitro* Evaluation of Antibacterial Profile of 1, 4-dihydropyridine derivatives. Asish Bhaumik^{1*}, Prasenjit Das², Shibu Das³, M. Swapna⁴, Mahendar



Boddupally⁵, International Journal of Chemistry and Pharmaceutical Sciences (IJCPS), 2015, 3(7): 1795-1800, ISSN: 2321-3132.

39. The Fruit of *Punica granatum* act as Potential Cytotoxic agent against the human breast cancer cell line HS-578T. Asish Bhaumik^{*}, K. Narender Naidu², Mahendar Boddupally³, Md. Salmasultana⁴, Asian Journal of Chemical and Pharmaceutical Research (AJCPR), 2015, 3(2): 256-260, ISSN: 2347-8322.

40. Phytochemical Screening and Evaluation of Antihyperlipedemic activity of various extracts of castor fruit-seeds (*Ricinus communis* L). Prasenjit Das¹, Asish Bhaumik^{*2}, Shibu Das³, World Journal of Pharmacological Research and Technology (WJPRT), 2015, Vol. 3(5), 161-168, ISSN: 2347-4882.

41. Phytochemical Screening and *In vitro* Evaluation of Anti-oxidant and Anti-arthritis activity of ethanolic extract of Fruit-seeds of *Lagerstroemia speciosa* L. Asish Bhaumik¹, Sanjoy Das^{*2}, Shibu Das³, Soma Acharjee³, Prasenjit Das⁴, International Journal of Pharmacy and Natural Medicines (IJPNM), 2015, 3(2): 328-333, ISSN: 2321-6743.

42. The bioactive molecule resveratrol (RVTL) obtained from the black grapes (*Vitis vinefera*) act as potential hepatocytes regenerators and cytotoxic agent. Asish Bhaumik^{*1}, Shibu Das², Soma Acharjee², Prasenjit Das³, G. Mani¹ and J. Swarnalatha¹, Scholar Research Library Der Pharma Chemica, 2015, 7(10): 112-127, ISSN: 0975-413X.

43. Diverse Biomolecules present in ethanolic extract of fruits of *Punica granatum* L (EEF-PG) act as potential hepatocytes regenerators. Asish Bhaumik^{*1}, Sk. Nagulmeera¹, G. Neelamma², Sanjoy Das³ and K. Sreelatha⁴, European Journal of Pharmaceutical and Medical Research (EJPMR), 2016, 3(4), 521-533, ISSN: 2394-3211.

44. Evaluation of Antimicrobial profile of various extracts of fruits of *Carica papaya* L. Dr. Monica Chopra¹; Asish Bhaumik^{*2}; Kolavali Yalla Reddy³; K. Kavitha⁴; K. Sandhya Rani⁵, Journal of Medicinal Chemistry and Drug Discovery (JMCDD), Feb-March, 2016, Vol. 6, pp 14-24, ISSN: 2347-9027.

45. Novel 4- thiazolidinone derivatives act as potential voltage sensitive sodium channel inhibitors. Soma Acharjee¹, Asish Bhaumik^{*2}, V. Shwetha³, Sk. Nagulmeera², N. Santosh Kumar², M. Swapna². International Journal of Medicine and Pharmaceutical Research (IJMPR), 2016, 4(2): 90-94, ISSN: 2321-2624.

46. Evaluation of cytotoxic activity of various extracts of sweet cherry (*Prunus avium*) against human colorectal adenocarcinoma HT-29 cell line. Ch. Manogna, Asish Bhaumik^{*}, T. Haritha, SK. Nasreen, M. Sucharitha, M. Uttara, International Journal of Chemical Studies (IJCS) Volume 4, Issue 3, Part A, May-Jun 2016, E-ISSN: 2321-4902.

47. Evaluation of *In vitro* Cytotoxic activity of various extracts of Turmeric powder (*Curcuma longa*) against Human prostate cancer cell line DU-145. M. Swapna, Asish Bhaumik^{*}, K. Neelima Devi, G.



Neelamma, Sreedevi, World Journal of Pharmaceutical and Medical Research (WJPMR), May 2016, Vol. 2, Issue 3, 127-133, ISSN 2455-3301.

48. Carotenoid rodoxanthine obtained from the seeds of *Ricinus communis* act as potential hepatocytes regenerators. N. Santosh Kumar, V. Sathish Reddy, Asish Bhaumik^{*}, Dr. Monica Chopra, A. Gopi Reddy, Kolavali Yalla Reddy. International Journal of Applied Research (IJAR), 2016, 2(6): 397-404. ISSN: 2394-7500.

49. Evaluation of Anticancer Activity of ethanolic and ethylacetoacetate extracts of Sweet Cherry against Human breast cancer cell line MCF-7. M. Lavanya¹, Asish Bhaumik^{*2}, A. Gopi Reddy³, Ch. Manasa¹, B. Kalyani¹, and S. Sushmitha¹, Research Journal of Pharmacology and Pharmacodynamics (RJPPD), 8(2): April-June, 2016, pp 65-70. ISSN: 0975-4407 (Print), 2321-5836 (Online).

50. Evaluation of Anti diabetic activity of ethanolic extract of Beet Root (*EEBT-Beta vulgaris*) against streptozocin induced diabetic Rats. P. Sravan Kumar¹, Asish Bhaumik^{*2}, Monica Chopra³, K. Neelima Devi⁴. Journal of Drug Discovery and Therapeutics (JDDT), Vol.4, Issue 37, August: 2016, 01-06, ISSN: 2320-4230.

51. A Review on Synthetic and Therapeutic Aspects of 1, 3, 4- Oxadiazole derivatives and future Perspective. Asish Bhaumik^{*}, European Journal of Biomedical and Pharmaceutical Sciences (EJBPS), Vol. 3, and Issue: 8, August, 2016, pp 133-145. ISSN: 2349-8870.

52. A Review on Cardiac arrhythmia and cardiac ablation: Invasive Techniques and future perspective. Asish Bhaumik¹, P. Sravan Kumar¹, Shubhankar Saha^{*2}, M.N.L. Aishwarya³, World Journal of Pharmaceutical and Medical Research (WJPMR), Sept. 2016, 2(5), pp 105-111. ISSN: 2455-3301.

53. Evaluation of Hepatoprotective and Antipyretic activity of ethanolic extract of root of *Moringa oleifera* lam. Asish Bhaumik¹, P. Sravan Kumar^{*2} and Monica Chopra³, World Journal of Pharmaceutical Research (WJPR), Sept. 2016, Vol.5, Issue 9, pp 1112-1122. ISSN: 2277-7105.

54. A Review on Protein and peptide drug delivery: A fundamental novel approach and future perspective. Sanjoy Das^{*1} and Asish Bhaumik², World Journal of Pharmacy and Pharmaceutical Sciences (WJPPS), Sept. 2016, Vol.5, Issue 9, pp 763-776. ISSN: 2278-4357.

55. Characterization of bio active molecule lycopene from water melon and evaluation of in vitro Cytotoxic activity against human colorectal adenocarcinoma cell HT-29. Shibu Das¹, Dr. Tejendra Bhakta¹, Asish Bhaumik^{*2}, P. Sravan Kumar³, Sanjoy Das⁴, Monica Chopra⁵. International Journal of Pharmacy and Pharmaceutical Research (IJPPR), Sep.2016, Vol.7, Issue 2, pp 111-123. ISSN: 2349-7203.

56. Preliminary phytochemical screening and evaluation of antihyperlipidemic activity of various extracts of *Glycosmis pentaphylla*. M. Nagmani¹, Asish Bhaumik^{*2}, Monica Chopra³, Prasenjit Das⁴.



World Journal of Pharmaceutical and Life Sciences (WJPLS), October 2016, Vol. 2, Issue 5, pp 236-446. ISSN: 2454-2229.

57. Evaluation of antihyperlipedemic activity of various extracts of beet root (*Beta vulgaris*). Dr. Mukuntha Kumar. N^{*1}, Asish Bhaumik². European Journal of Biomedical and Pharmaceutical Sciences (EJBPS), Vol. 3, and Issue: 12, December, 2016, pp 311-315. ISSN: 2349-8870.

58. Evaluation of in vitro Cytotoxic activity of ethanolic extract of root of Ipomoea batatas (L) (EERIB) against the human colorectal adenocarcinoma HT-29 cell line. Dr. Mukuntha Kumar. N^{*1}, Asish Bhaumik², Shubhankar Saha³. World Journal of Pharmaceutical and Life Sciences (WJPLS), December, 2016, Vol. 2, Issue 6, pp 230-235. ISSN: 2454-2229.

59. Phytochemical screening and evaluation of analgesic activity of various extracts of Beet root (*Beta vulgaris*). K. Kavitha¹, Asish Bhaumik^{*1}, Md. Salma Sultana², M. Kavitha², R. Kavitha². World Journal of Pharmacy and Biotechnology, WJPBT, 2016, 3(2): pp 60-64. ISSN: 2349-9087.

60. Evaluation of anti tumour activity of ethanolic extract of beet root against EAC mouse tumour model. P. Sravan Kumar¹, Asish Bhaumik^{*2}, D. Babu Rao³ and Monica Chopra⁴. International Journal of Pharmacological Research, 2017; 7(03): pp71-76, ISSN: 2277-3312.

61. Isolation of vitexin from methanolic extract of beet root (*Beta vulgaris*) and evaluation of in vivo antitumor activity against S-180 AC rat model followed by molecular docking against topoisomerase I. K. Neelima Devi¹, Asish Bhaumik^{*2}, Ch. Manasa², Arup Saha³, Pranjit Baruah³. Asian Journal of Science and Technology, Vol. 08, Issue, 09, pp. 5563-5570, September, 2017, ISSN: 0976-3376.

62. Synthesis, characterization and evaluation of hepatocytes regenerator potentiality of some novel Oxadiazole derivatives followed by molecular docking against NF-KB. Asish Bhaumik^{*1}, Dr. M. Chinna Eswaraiah². International Journal of Pharmaceutical Sciences and Research (IJPSR-Thomson Reuters), Volume 8, Issue 9, September, 2017, pp 3734-3750, ISSN: 2320-5148.

63. Evaluation of in vitro anticancer activity of ethanolic extract of castor seeds against human prostate cancer cell line DU-145, Ch. Srinivas¹, Asish Bhaumik^{*2}, K. Maheshwari Yadav², Arup Saha³. Asian Journal of Phytomedicine and Clinical Research (AJPCR), 5(3), July-September, 2017, pp 91-100, ISSN: 2321-0915.

64. Extraction and isolation of bioactive molecule lycopene from water melon and evaluation of antidiabetic activity against STZ induced rat, Monica Chopra¹, Asish Bhaumik^{*2}, A. Gopi Reddy³, P. Sravan Kumar⁴, B. Srikant⁵. Research Journal of Pharmacy and Technology (RJPT), 11(1), January, 2018, pp 101-106. ISSN: 0974-3618 (Print); 0974-360X (Online).

65. Evaluation of *In Vivo* Antitumour Activity of Various Extracts of Fruit of Punica granatum against HT 29 Cell Line, M. Nagamani¹, Asish Bhaumik^{*2}, A. Narendra Nath¹, Shibu Das³, Arup Saha³. Saudi Journal of Medical and Pharmaceutical Sciences (SJMPs), April, 2018; 4(4):387-393. ISSN: 2413-4929 (Print); 2413-4910 (Online).



66. Evaluation of anti inflammatory activity of various extracts of carrot against carrageenan induced in rat model. Asish Bhaumik*¹; M. Prasad²; K. Krishnamachary³; Ch. Ram Naresh⁴; B. Maruthi Rao⁵. World Journal of Pharmaceutical and Medical Research (WJPMR), September, 2018. 4(9), pp 227-231. ISSN: 2455-3301.
67. Preliminary Phytochemical screening and Evaluation of in vivo Antihyperlipidemic activity of various extracts of fruit of *Coccinia grandis* in rat. Monica Chopra¹; Asish Bhaumik*²; M. Prasad³; K. Krishnamachary⁴; B. Rama Devi⁵. World Journal of Pharmacy and Pharmaceutical Sciences (WJPPS), September, 2018. Vol.7, Issue 9, pp 1341-1349. ISSN: 2278-4357.
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Book Chapter:

1. Biological Sciences: Impacts on Modern Civilization, Current and Future Challenges by Anupam Guha published by New Delhi Publishers, New Delhi. Edition: 2021, ISBN: 978-81-947417-9-4.
Chaptr-8: Quercetin act as potential anticancer agent against HT-29 human colon cancer cell line pp 91.

Research Experience:

1. Working as a PhD and Project Supervisor for PhD scholars (One) and undergraduate students.

Patents:

1. One UK Design Patent: Instrument for diagnosis of breast cancer. Design No. 6292790.
2. One Indian patent: Smart neck band for reducing snores. Design No.389279-001.

Membership of Professional bodies:

1. Life Member of “Pharma Research Library”, an International Scientific Publication. Membership No. PRLM1824.
2. Life member of the Association of Chemistry Teachers (ACT) of India, Homi Bhabha Centre for Science Education (TIFR) Mumbai- 400088. Membership No. 2043.
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Award, Fellowship & Recognition: NA

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