

Curriculum Vitae

DR. BIMAN BHUYAN

D.O.B.: 13.03.1981



Office Address:

Assistant Professor, Department of Pharmaceutical Sciences,
Dibrugarh University,
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Education:

1. Graduation: B. Pharm (2005), Dibrugarh University, Dibrugarh, Assam
2. Masters: M. Pharm (2008), Dibrugarh University, Dibrugarh, Assam
3. Doctorate: PhD, Pharmaceutical Sciences (2018), Dibrugarh University, Dibrugarh, Assam
4. Others: PG Diploma in Pharma Marketing (PGDPhM) (2006), Pondicherry University, Pondicherry

Industrial Experience:

Completed industrial training in Manufacturing (Capsules, Tablets, Liquid Orals); Stores; Quality Assurance and Quality Control in Remidex Pharma Pvt. Ltd., Bangalore in 2003

Major Achievements:

Qualified GATE 2004 with Percentile Score of 82.61 and All India Rank of 1475 during B. Pharm. 3rd year itself.

Received GATE scholarship for M. Pharm course from Ministry of HRD, Govt. of India

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Areas of Interest:

Ethnomedicinal Documentation, Validation and Standardization of Traditional Herbal Formulations, Formulation and Efficacy Studies of Herbal Drugs, Novel Drug Delivery System

Projects Undertaken:

1. Undertaken AICTE-RPS Project: Development and Evaluation of Modified Gum-Loaded Polymeric nanoparticles obtained from *Lannea coromandelica* (Houtt.) Merr. for Colon Targeted Delivery using Budesonide as Model Drug (2021)
2. Completed PhD project: Phytochemical and Biological Evaluation of Some Costus Species of Assam (2010)
3. Completed M. Pharm project: Pharmacognostic Studies and Evaluation of Hepatoprotective Properties of Rhizomes of *Costus speciosus* (J. Konig) Smith (2007)
4. Guided 14 nos. of M Pharm projects till date
5. Guided 22 nos. of B Pharm dissertation projects till date

Administrative Assignments:

Appointed as Assistant Officer in-charge of B.Ed. CET 2013.

Assistant Editor, CTPR, Official publication, Dept. of Pharmaceutical Sciences, Dibrugarh University in 2013

Appointed by DMC as Departmental Training and Placement Officer in 2014

Appointed as Observer CEE examination during 2018 and 2019

Editorial Board Member, CTPR, Official publication, Dept. of Pharmaceutical Sciences, Dibrugarh University

Associate Editor, CTPR, Official publication, Dept. of Pharmaceutical Sciences, Dibrugarh University from 2020

Entrusted as External Evaluator of Gunutsav 2018 by Govt. of Assam

Associate Editor, Pharma News Letter, Official Publication of IPA, Assam State Branch, 2012 to 2014

Editor, Pharma News Letter, Official Publication of IPA, Assam State Branch, 2015

M Pharm Projects Guided:

1. Guided M. Pharm research based project work titled “Pharmacognostical studies and evaluation of hepatoprotective activity of whole plant of *Alternanthera sessilis*” 2013-2014
2. Guided M. Pharm research based project work titled “Phytochemical & Biological Evaluation of *Cascabela thevetia* L. with Special Reference to Its Use in Diabetes” 2014-2015
3. Guided M. Pharm research based project work titled “Pharmacognostical Studies and Evaluation of Hepatoprotective Activity of *Garcinia pedunculata* Leaves Based on Traditional Use” 2014-2015
4. Guided M. Pharm research based project work titled “Pharmacognostic, Phytochemical Studies of *Premna herbacea* Roxb. leaves with reference to its Hepatoprotective Activity Based on Traditional Use” 2015-2016
5. Guided M. Pharm research based project work titled “Pharmacognostical Studies and Evaluation of Anti-inflammatory and Analgesic Activities of *Alternanthera philoxeroides* Leaves Based on Traditional Use” 2015-2016
6. Guided M. Pharm research based project work titled “Pharmacognostical Studies and Evaluation of Hepatoprotective activity of *Ardisia humilis* Vahl leaves based on Traditional use” 2016-2017
7. Guided M. Pharm research based project work titled “Pharmacognostical Studies and Evaluation of Hepatoprotective Activity of *Streblus asper* Lour. Leaves Based on Traditional Use” 2016-2017
8. Guided M. Pharm research based project work titled “Pharmacognostic and Bioactivity Study of *Alpinia nigra* (Gaertn) Burtt. with Special Reference to its Antidiabetic Activity” 2017-2018
9. Guided M. Pharm research based project work titled “Pharmacognostic studies and evaluation of hepatoprotective activity of leaves of *Trichosanthes cuspidate* (Lour)” 2017-2018
10. Guided M. Pharm research based project work titled “Phytochemical and Biological Evaluation of Rhizomes of *Boehmeria nivea* (L.) Gaudich with Special Reference to Anti-urolithiatic Activity” 2018-2019
11. Guided M. Pharm research based project work titled “Phytochemical and *in vitro* free radical scavenging activity evaluation of the leaves of *Rubus moluccanus* Linn.” 2019-2020
12. Guided M. Pharm research based project work titled “A Systemic Study on *Cissus repens* Lam. with Special Reference on Its Traditional Usage as an Anti-Urolithiatic Agent.” 2019-2020

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13. Guided M. Pharm research based project work titled “Evaluation of Pharmacognostic Profile and to Perform Preliminary Phytochemical Screening on the Shoots of *Rubus moluccanus* Linn.” 2020-2021

14. Guided M. Pharm research based project work titled “Pharmacognostic, Phytochemical and In-Vitro Antioxidant Evaluation of the Aerial Parts of *Pandanus amaryllifolius* Roxb. ex Lindl.” 2020-2021

B Pharm Projects Guided:

1. Guided B. Pharm project work titled “A Brief Review on Drug Affecting Blood and Blood Forming Organ” 2012-2013

2. Guided B. Pharm project work titled “Study of Some Traditionally Used Medicinal Plants of Nagaland” 2012-2013

3. Guided B. Pharm project work titled “A Brief Review on Plant Cell Immobilization” 2012-2013

4. Guided B. Pharm project work titled “Chromatography and its Significance in New Drug Discovery” 2013-2014

5. Guided B. Pharm project work titled “Waste Water Management, Industrial Hazards and Safety Precautions with Special Reference to Pharmaceutical Industries and ISO Guidelines” 2013-2014

6. Guided B. Pharm project work titled “Transportation of Materials in Pharmaceutical Industry with Special Reference to GMP &cGMP guidelines” 2013-2014

7. Guided B. Pharm project work titled “Dehumidification, Air-Conditioning and Refrigeration: Application in Pharmaceutical Industry” 2013-2014

8. Guided B. Pharm project work titled “A Field Study on Traditionally Used Medicinal Plants in Northern Senapati District of Manipur” 2014-2015

9. Guided B. Pharm project work titled “A Field Study of Some Anti- Diabetic Medicinal Plants Used by Traditional healers in Dibrugarh District” 2014-2015

10. Guided B. Pharm project work titled “Cardiac Glycosides – A Review of Its Mechanasim of Action, Therapeutic Efficacy and Toxicity” 2014-2015

11. Guided B. Pharm project work titled “Plant Tissue Culture as a Source of Biomedicinals” 2015-2016

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12. Guided B. Pharm project work titled “Diabetes in Childhood and Adolescent”2015-2016
13. Guided B. Pharm project work titled “Artemisinin and Artemisinin Based Combination Therapy and Their Role in Treatment of Malaria”2015-2016
14. Guided B. Pharm project work titled “Traditional Medicine Used in Assam” 2016-2017
15. Guided B. Pharm project work titled “Adolescent Health: Substance Abuse and its Treatment” 2016-2017
16. Guided B. Pharm project work titled “A Field Study of Traditionally Used Medicinal Plants in Dibrugarh District of Assam” 2017-2018
17. Guided B. Pharm project work titled “Marketing of Pharmaceuticals in India” 2017-2018
18. Guided B. Pharm project work titled “Nanotechnology Based Neurotherapeutics for the Treatment of Epilepsy” 2018-2019
19. Guided B. Pharm project work titled “Eye Disorders and Role of Pharmacists” 2018-2019
20. Guided B. Pharm project work titled “A Review on Artificial Intelligence in New Drug Development: Present Status and Future Prospects”2019-2020
21. Guided B. Pharm project work titled “Virosome: A Novel Drug Delivery System”2019-2020
22. Guided B. Pharm project work titled “Study on Traditional Medicinal Practices Followed in West Garo Hills of Meghalaya” 2020-2021

Paper Published:

1. Evaluation of Hepatoprotective Activity of Rhizomes of *Costus speciosus* (J. Konig) Smith, **BimanBhuyan***, KamaruzZaman; Pharmacologyonline Vol 3: 119-126; ISSN 1827-8620 (2008)
2. In-Vivo Estimation of Hepatoprotective Properties of Methanolic Extract of Stem of *Cuscutta reflexa*, **BimanBhuyan***, Amar Singh; Pharmacologyonline Vol 1: 809-816; ISSN 1827-8620 (2009)
3. Role of Assam Bora Rice Starch as Direct Compressible Tablet Excipient, PrakashRajak , **BimanBhuyan**; WJPPS, Vol 2, Issue 5, 4150-4158; ISSN 2278-4357 (2013)
4. Preliminary Phytochemical Investigation on Rhizomes of *Costus speciosus* Found in Assam, India; **BimanBhuyan***, DipakChetia, PrakashRajak, PHARMANEST (An ELSEVIER Covered Journal); Volume 4, Issue 6, 1447-1457; eISSN: 2231-0541 (2013)

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5. Caffeine : A Complete Profile, PrakashRajak , **BimanBhuyan**; Pharma News Letter, Vol 6, Issue I-III, 11-23 (2013)
6. Ethno medicinal value of various plants used in the preparation of traditional rice beer by different tribes of Assam, INDIA; **BimanBhuyan***, Krishna Baishya; doi: 10.1016/j.dit.2013.09.002; Drug Invention Today (ELSEVIER); ISSN: 0975-7619 Vol 5 335-341 (2013)
7. Genetically Modified Organisms: Its Emergence and Current Status; PrakashRajak, **BimanBhuyan**; Curr. Trend in Pharm. Res, Vol 2, No. 1, 45-59; ISSN 2319-4820 (2013)
8. Garden Rue Inhibits the Arachidonic Acid Pathway, Scavenges Free Radicals, and Elevates FRAP: Role in Inflammation; Manjir Sarma Katak, Bibhuti B Kakoti, **BimanBhuyan**, Ananya Rajkumari, Prakash Rajak; doi: 10.3724/SP.J.1009.2014.00172;[CLC Number] R965 [Document code] A, [Article ID] 2095-6975 (2014) 03-0172-08; Chinese Journal of Natural Medicines (ELSEVIER) 2014, 12(3): 0172–0179 (2014)
9. An Ethnopharmacological Survey of Plants Located In Indo Chinese Border of NER India; **Biman Bhuyan***, L.K. Nath, PrakashRajak; Am. J. PharmTech Res.; Vol 4(1) 130-137 ISSN: 2249-3387 (2014)
10. Nanocrystal Technology and Drug Delivery; **BimanBhuyan***, PrakashRajak, L.K. Nath; World Journal of Pharmaceutical Research, Volume 3, Issue 2, 2940-2971; ISSN 2277 – 7105 (2014)
11. Application of Assam Bora Rice Starch as a Binder in Formulation of Paracetamol Tablets; Prakash Rajak, L.K. Nath, **Biman Bhuyan**; Int J Pharm PharmSci; Innovare Academic Sciences, Vol 6, Issue 5, 118-120; ISSN- 0975-1491 (2014)
12. Investigation of Urolithiatic Activity of Prepared Polyherbal Formulations in Wister Rats; Prakash Rajak, **Biman Bhuyan***; Current Bioactive Compounds; Bentham Science Publishers; Vol. 12, No. 2; 78-86 ISSN- 1875-6646 (Online), 1573-4072 (Print) DOI: 10.2174/157340721202160504221936 (2016)
13. Study of Ethnobotanical Plants Used by the People of Nalbari District of Assam, India; Kumar Kamal Jyoti*, **Biman Bhuyan**, AnantaSaikia, Sonu Pashwan; World J of Pharm Res; Volume 5, Issue 5; 1101-1106 ISSN 2277– 7105 (2016)
14. *In Vivo* Anti-Diabetic Activity Evaluation of the Bark of *Cascabela thevetia* L. In Streptozotocin-Induced Diabetic Rats; Neelutpal Gogoi, **Biman Bhuyan**; Int J Pharm PharmSci; Innovare Academic Sciences; ISSN- 0975-1491, 9(6):48-53, DOI: <http://dx.doi.org/10.22159/ijpps.2017v9i6.17200> (2017)

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15. An Ethnomedicinal Study Focusing the Genus *Costus* in Assam with Emphasis on Traditional Medicine; **Biman Bhuyan***, Dipak Chetia; *J Med Plants Studies*; ISSN (E): 2320-3862, 6(2):178-188 (2018)
16. Effects of *Alternanthera sessilis* on Liver Function in Carbon Tetra Chloride Induced Hepatotoxicity in Wister Rat Model; **Biman Bhuyan***, Krishna Baishya, Prakash Rajak; *Ind J ClinBiochem*; Springer; ISSN 0970-1915, DOI 10.1007/s12291-017-0666-1, 33(2): 190-195 (2018)
17. Therapeutic Potential of Herbal Ethosome in Applied Nanotechnology; Banjar Sultana, Prakash Rajak, **Biman Bhuyan**, Evana Patra, Angkita Baruah, Dipankar Paul, *Saud J of MedPharm Sc*, 4 (4): 443-454; ISSN 2413-4929(Print) 2413-4910 (Online) DOI:10.21276/sjmpps.2018.4.4.11. (2018)
18. Applications of Niosome and Targeting Strategies in the Field of Phyto-Pharmaceuticals:A Review; Evana Patra, Prakash Rajak, **Biman Bhuyan**, Banjar Sultana, Angkita Baruah, Dipankar Paul, *Saud J of Med Pharm Sc*, 4 (4): 455-467. ISSN 2413-4929(Print) 2413-4910 (Online); DOI: 10.21276/sjmpps.2018.4.4.12. (2018)
19. Liquid Crystals: An Approach in Drug Delivery; Prakash Rajak, LK Nath, **Biman Bhuyan**, *Indian J Pharm Sci*, ISSN 0250-474X (P), 1998-3743 (O); 81(1):11-21 (2019)
20. Characterization of Potent Antidiabetic Compounds from *Costus pictus* D. Don found in Assam, India Using In Vitro In Vivo Methods; **Biman Bhuyan***, Dipak Chetia; <http://dx.doi.org/10.30827/ars.v60i1.7692>; *Ars Pharm.* eISSN 2340-9894, 60(1): 15-25 (2019)
21. In Vivo Validation of Folkloric Use of *Costus pictus* D. Don as Antidiabetic Plant in Assam, Using Streptozotocin Induced Wister Rat Model; **Biman Bhuyan***, Dipak Chetia; *Ind J ClinBiochem*; Springer; ISSN 0970-1915, DOI 10.1007/s12291-019-00819-y;35(2):225-231 (2020 Apr)
22. Assessment of *Garcinia pedunculata* Roxb. Role on Biological Markers in Carbon Tetra Chloride Induced Rat Model; **Biman Bhuyan***, Trinayan Deka, Prakash Rajak; *Ind J ClinBiochem*; Springer; ISSN 0970-1915, DOI /10.1007/s12291-019-00825-0;35(3):331-338 (2020 Jul)
23. A Review on the Phytochemical, Pharmacological and Traditional Profile on the Rubus Genus in North-Eastern and Western Parts of India: Biman Bhuyan and Arindam Dutta; *Curr Trends Pharm Res*, ISSN: 2319-4820 (Print) 2582-4783 (Online); 8 (1): 73-87 (2021)
24. An overview of *Pandanus amaryllifolius* Roxb.ex Lindl. and its potential impact on health; **Biman Bhuyan** and Richa Sonowal; *Curr Trends Pharm Res*, ISSN: 2319-4820 (Print) 2582-4783 (Online); 8 (1): 138-157(2021)

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Paper Presented:

1. *C. speciosus* (J. Konig) Smith: Estimation of Its Antidiabetic Activity In Male Wister Rat Model : Proceedings of International Conference on Harnessing the Sub-Himalayan Plant Diversity for Human Welfare held in Dibrugarh University, Dibrugarh, 11-13 March, 2015 (pg.155); **Bhuyan, B.** and Chetia, D. (2015).
2. Exploration And *In Vivo* Evaluation of Natural Flora Towards The Mitigation of Urolithiasis: Proceedings of International Conference on Harnessing the Sub-Himalayan Plant Diversity for Human Welfare held in Dibrugarh University, Dibrugarh, 11-13 March, 2015 (pg.75); Rajak, P, **Bhuyan, B.**, Gogoi, N. (2015).
3. *In Vivo* Hepatoprotective Activity Evaluation of Aerial Parts of *Alternanthera sessilis* Found In Assam, India: Proceedings of International Conference on Harnessing the Sub-Himalayan Plant Diversity for Human Welfare held in Dibrugarh University, Dibrugarh, 11-13 March, 2015 (pg.92); **Bhuyan, B.**, Baishya, K, Deka, T. (2015).
4. Costus : An Overview of The Genus In Assam With Emphasis In Managing Type II Diabetes Mellitus : Proceedings of 4th Indian National Seminar of ANRAP : Plants in Diabetes-Prospects & Challenges held in Dibrugarh University, Dibrugarh, 13 March, 2015 (pg.16); **Bhuyan, B.**, Chetia, D., Rajak, P. (2015).
5. Managing Type II Diabetes : Pharmacist As Providers of Continuing Care : Proceedings of 4th Indian National Seminar of ANRAP : Plants in Diabetes-Prospects & Challenges held in Dibrugarh University, Dibrugarh, 13 March, 2015 (pg.17); Rajak, P., Nath, L.K., **Bhuyan, B.** (2015).
6. Phytochemical & Biological Evaluation of Bark of *Cascabela thevetia* L. With Special Reference To Its Use In Diabetes : Proceedings of 4th Indian National Seminar of ANRAP : Plants in Diabetes-Prospects & Challenges held in Dibrugarh University, Dibrugarh, 13 March, 2015 (pg.14); **Bhuyan, B.**, Gogoi N. (2015).
7. *C. pictus*: Estimation of Its Antidiabetic Potential in Male Wister Rat Model: Proceedings of 19th International Congress: PHYTOPHARM 2015 held in University of Bonn, Germany, 21-24 July 2015. Published in Obzorypo Kliniceskoj Farmacologiii Lekarstvennoj Terapii [Reviews of Clinical Pharmacology and Drug Therapy] TOM 13/2015/Supplement, ISSN 1683-4100, (pg. 15-16); **Bhuyan, B.** and Chetia, D. (2015).
8. Pharmacognostical Standardization and *In Vivo* Antidiabetic Evaluation of Bark of *Cascabela thevetia* L.: Proceedings of 19th International Congress: PHYTOPHARM 2015 held in University of Bonn, Germany, 21-24 July 2015. Published in Obzorypo Kliniceskoj Farmacologiii Lekarstvennoj Terapii [Reviews of Clinical Pharmacology and Drug Therapy] TOM 13/2015/Supplement, ISSN 1683-4100, (pg. 15); **Bhuyan, B.**, Gogoi N. (2015).

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9. Optimization of Rhythmic Physiological Functions in an Environment Driven By Solar Centric EMF An Observatory Concept: PHYTOPHARM 2015 held in University of Bonn, Germany, 21-24 July 2015. Published in *Obzorypo Kliniceskoj Farmacologii Lekarstvennoj Terapii* [Reviews of Clinical Pharmacology and Drug Therapy] TOM 13/2015/Supplement , ISSN 1683-4100, (pg. 15); **Bhuyan, B.**, Shakya, A., Rajak, P. (2015).]
10. Pharmacognostical and Phytochemical Evaluation of Leaf of *Premna herbacea* Roxb. : (ETPER 50) One Day National Seminar On “Emerging Trends In Pharmaceucaleducation And Research (Dated: 07th May 2016) Organized by: Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati-17; Kumar KJ, **Bhuyan, B.** (2016)
11. Evaluation of In Vitro Antioxidant Property of *Costus pictus*: National Seminar on Natural Resources for Drug Discovery and Development (Funded by UGC under UGC-SAP (DRS-I)), held in the Department of Pharmaceutical Sciences, Dibrugarh University, 24-25 February 2018; **Biman Bhuyan**, Dipak Chetia (Pg 46), (2018)
12. An Overview On The Medicinal Plant *Trichosanthes tricuspidata*: National Seminar on Natural Resources for Drug Discovery and Development (Funded by UGC under UGC-SAP (DRS-I)), held in the Department of Pharmaceutical Sciences, Dibrugarh University, 24-25 February 2018; Dipankar Paul, **Biman Bhuyan**, Angkita Baruah (Pg 50), (2018)
13. Pharmacognostic Study and Phytochemical Screening of Rhizome of *Alpinia nigra*: National Seminar on Natural Resources for Drug Discovery and Development (Funded by UGC under UGC-SAP (DRS-I)), held in the Department of Pharmaceutical Sciences, Dibrugarh University, 24-25 February 2018; Angkita Baruah, **Biman Bhuyan**, Prakash Rajak, Dipankar Paul, Banjir Sultana, Evana Patra (Pg 39), (2018)
14. Elucidation of Compounds With Antidiabetic Property From *Costus pictus*: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; **Biman Bhuyan**, Dipak Chetia, Prakash Rajak (Pg 81), (2018)
15. *Alpinia niagra*: A Traditionally Used Anti Diabetic Plant Of Assam: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; Angkita Baruah, **Biman Bhuyan**, Prakash Rajak, Dipankar Paul, Banjir Sultana, Evana Patra (Pg 53), (2018)
16. *Tricosanthes tricuspidata* : A Hepatoprotective Plant In Folklore Medicinal System In Southern Assam: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; Dipankar Paul, **Biman Bhuyan**, Prakash Rajak, Angkita Baruah, Banjir Sultana, Evana Patra (Pg 97), (2018)

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17. Ethosome: Advanced Nanocarrier For Herbal Formulation: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; Banjir Sultana, Prakash Rajak, **Biman Bhuyan**, Evana Patra, Angkita Baruah, Dipankar Paul (Pg 75), (2018)
18. Phyto-Neosome: A Novel Nanoparticulate Drug Delivery System: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; Evana Patra, Prakash Rajak, **Biman Bhuyan**, Banjir Sultana, Angkita Baruah, Dipankar Paul (Pg 100), (2018)
19. Characterization of Mucoadhesive Properties of Ph-Responsive Lyotropic Liquid Crystal Nanoparticles: International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University, 26-28 February 2018; Prakash Rajak, **Biman Bhuyan**, L.K. Nath (Pg 176), (2018)
20. *Rubus moluccanus* Linn.: An Ethnomedicinal and Pharmacological Review: National Seminar on Current Research in Drug Discovery and Development held in Department of Pharmaceutical Sciences, Dibrugarh University, 13-14 November 2019; Anupriya Das *, Salem Lalvenhimi, **Biman Bhuyan** (Pg46), (2019)
21. Medicinal Plant Used In The Treatment Of Urolithiasis In Aizawl: A Review: National Seminar on Current Research in Drug Discovery and Development held in Department of Pharmaceutical Sciences, Dibrugarh University, 13-14 November 2019; Salem Lalvenhimi*, Anupriya Das, **Biman Bhuyan** (Pg117), (2019)

Book/Book Chapters:

1. *Costus speciosus*: A Complete Study As Hepatoprotectant, OmniScriptum GmbH & Co KG, Heinrich-Böcking-Str 6-8, 66121 Saarbrücken, Deutschland / Germany, **Biman Bhuyan**, Dipak Chetia, ISBN 978-3-659-49523-6, 2013
2. *Cascutta reflexa*: A Detailed Study on Hepatoprotection, OmniScriptum GmbH & Co KG, Heinrich-Böcking-Str 6-8, 66121 Saarbrücken, Deutschland / Germany, **Biman Bhuyan**, Amar Rana, ISBN 978-3-659-46637-3, 2013
3. NATURAL BEVERAGES Volume 13: The Science of Beverages; Edited by Alexandru Mihai Grumezescu, Alina Maria Holban; Chapter 3: Natural Beverages of Assam and Its Ethno Medicinal Value; **Biman Bhuyan**, Prakash Rajak, Woodhead Publishing (Elsevier) The Officers' Mess Business Centre, Royston Road, Duxford, CB22 4QH, United Kingdom; ISBN 978-0-12

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4. Pharmacognosy - Medicinal Plants; Chapter: Traditional Usage of Plants of Costus Species in Assam, India; **Biman Bhuyan**, Dipak Chetia and Prakash Rajak; Intech Open Limited, Princes Gate Court, London, SW7 2QJ, UK; DOI: <http://dx.doi.org/10.5772/intechopen.100532-816689-5>, 2019

Conference/Seminar/Workshop:

1. AICTE Workshop on “Herbal Drug Technology- Utilization of Medicinal Plants of N.E. India” organized by IPA, Assam State Branch in association with Department of Pharmaceutical Sciences, Dibrugarh University. **(09-12 February, 2010)**
2. Workshop on “Intellectual Property, Technology Management and Entrepreneurship” organized by BIRAC (A Govt. of India Enterprise) in association with Dibrugarh University. **(18 February, 2013)**
3. National workshop on “Botanical Identification and Evaluation of Indian Medicinal Plants” organized by School of Natural Product Studies, Jadavpur University; supported by SERB, Govt. of India. **(20-26 November, 2013)**
4. Workshop on “Pure Water and Analytical Solution for your Laboratory” organized by Department of Pharmaceutical Sciences, Dibrugarh University in association with Metrohm India Limited. **(06 May, 2014)**
5. Workshop on “Curriculum Design of ICT Enabled Course Plan and Teaching Plan for Student Centric Learning” organized by Academic Research Cell, Dibrugarh University. **(11-13 September, 2014)**
6. International Conference on Harnessing the Sub-Himalayan Plant Diversity for Human Welfare; organized by Dibrugarh University, Dibrugarh, India. **(11-13 March, 2015)**
7. 4th Indian National Seminar of ANRAP: Plants in Diabetes-Prospects & Challenges; organized by ANRAP & Dibrugarh University, Dibrugarh, India **(13 March, 2015)**
8. 19th International Congress: PHYTOPHARM 2015; organized by University of Bonn, Bonn, Germany **(21-24 July, 2015)**
9. One day national seminar on “Emerging Trends in Pharmaceutical Education and Research” Organized by: Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati-17**(07th May, 2016)**
10. National Seminar on Natural Resources for Drug Discovery and Development (Funded by UGC under UGC-SAP (DRS-I)), held in the Department of Pharmaceutical Sciences, Dibrugarh University**(24-25 February, 2018)**

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11. International Conference on Emerging Trends in Chemical Sciences (ETCS-2018) held in the Department of Chemistry, Dibrugarh University(**26-28 February, 2018**)
12. UGC sponsored National Seminar on Current Research in Drug Discovery and Development organized by Department of Pharmaceutical Sciences, Dibrugarh University, (**13-14 November, 2019**)
13. Seminar on Open Research Publishing organized by Taylor & Francis Group in association with DeLCON (DBT e-Library Consortium) (**11th August, 2020**)
14. Seminar on Accessing T&F Journals & Open Access Features organized by Taylor & Francis Group in association with DeLCON (DBT e-Library Consortium) (**19th August, 2020**)
15. Seminar on Publishing in Academic Journals and How to Succeed with Your Publication organized by Taylor & Francis Group in association with DeLCON (DBT e-Library Consortium) **26th August, 2020**
16. Seminar on Trends in Biomedicine & Life Sciences Publishing and Nuances & Tools of Scientific Publishing organized by Springer Nature in collaboration with DeLCON (DBT e-Library Consortium) (**02nd September, 2020**)
17. Seminar on Abstracting & Indexing-How to Get Indexed and How to Increase Research Impact organized by Springer Nature in collaboration with DeLCON (DBT e-Library Consortium) (**09th September, 2020**)
18. Seminar on Publishing Ethics in Biomedicine & Life Science Research organized by Springer Nature in collaboration with DeLCON (DBT e-Library Consortium) (**16th September, 2020**)
19. Seminar on Placing the Results in Perspective organized by Indian Association of Medical Journal Editors (IAMJE) in association with Springer Nature (**25th September, 2020**)
20. Seminar on Ethics and Etcetera organized by Indian Association of Medical Journal Editors (IAMJE) in association with Springer Nature (**09th October, 2020**)
21. UGC, CEC sponsored workshop on Massive Open Online Courses (MOOCs) organized by EMRC, Dibrugarh University, (**28-29 January, 2021**)
22. Seminar on Conquering the Intricacies of Citations and References organized by Research Marketing APAC, Wiley (**24th August, 2021**)
23. Seminar on Winning the Game of Publishing Research Papers, Raising Your Profile and Extending the Impact of Your Publications organized by Research Marketing APAC, Wiley (**7th September, 2021**)

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24. Seminar on Challenges and Opportunities for Environmental Sustainability in World's Fastest Growing Regions organized by ACS Publications, American Chemical Society (**8th September, 2021**)
25. Seminar on Augmenting Writing Skills for Articulating Research organized by DST, Govt. of India and Vigyan Prasar (VP) (**16th September, 2021**)
26. Seminar on (AWSAR) Augmenting Writing Skills for Articulating Research organized by DST, Govt. of India and Vigyan Prasar(**14th October, 2021**)

Refresher/Orientation/FDP Attended:

1. Refresher Course in Pharmacy for Higher Education organized by IIT (BHU) & SWAYAM sponsored by UGC, AICTE, MHRD (**18.10.2019 to 15.01.2020**)
2. AICTE, National Initiative for Technical Teachers Training (Orientation Course) organized by NITTTR, AICTE sponsored by AICTE (**10.09.2020 to 11.11.2020**)
3. Seven Day FDP on Preparation of Self-Learning Materials for University and College Learners organized by Dibrugarh University (**12-18 May, 2020**)
4. AICTE sponsored Short Term Training Programme, Slot I on the Theme: Bridging Industrial Opportunities with Academic Challenges Prospective of Pharmaceutical Research organized by Department of Pharmaceutical Sciences, Dibrugarh University (**26-31 July, 2021**)
5. AICTE sponsored Short Term Training Programme, Slot II on the Theme: Bridging Industrial Opportunities with Academic Challenges Prospective of Pharmaceutical Research organized by Department of Pharmaceutical Sciences, Dibrugarh University (**23-28 August, 2021**)
6. AICTE sponsored Short Term Training Programme, Slot III on the Theme: Bridging Industrial Opportunities with Academic Challenges Prospective of Pharmaceutical Research organized by Department of Pharmaceutical Sciences, Dibrugarh University (**27th September to 02nd October, 2021**)