

Bio-data

Name: Dr. TC Lalhriatpuii

Father's Name: TC Vawra (L)

Date of Birth: 18th November, 1977.

Gender: Female

Category: Scheduled Tribe

Religion: Christian

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Phone No.: 0389 2350856

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E-Mail ID: tclalhriatpuii@gmail.com

Qualification: M.Pharm, Ph.D.

Area of Specialization: Medicinal Chemistry and Natural Products

Designation: Assistant Professor

Job Status: Permanent (Regular)

Department: Department of Pharmacy

Name of Institution: Regional Institute of Paramedical and Nursing Sciences (RIPANS), Aizawl.

Date of Joining the Institute: 16th January, 2001

I. Educational Qualification:

| Examination Passed | Board/ University | Year | Division | % of marks obtained |
|---------------------------|---------------------------------|-------------|-----------------|----------------------------|
| HSLC | MBSE | 1992 | Distinction | 76.77 |
| HSSLC | NEHU | 1995 | Second Division | 54.55 |
| B.Pharm | Dibrugarh University | 2000 | First Division | 64.55 |
| M.Pharm | Rajiv Gandhi University, Bhopal | 2004 | First Division | 67.27 |
| GATE | | 2002 | Qualified | - |
| Ph.D | Dibrugarh University | 2011 | - | - |

II. Industrial Training: Undergone Six weeks Industrial Training at TTK Pharma Ltd, Chennai and GD Industries Dibrugarh (Assam) in the year 1998 and 1999 respectively.

III. Major Project completed:

Name of the Project: DBT Twinning Project “Investigation of anticancer and antiulcer activity of the selected ethno-medicinal plants of Mizoram and further isolation and characterization of their chemical constituents”.

Collaborating Institute: Prof. SK Ghosh, Department of Pharmaceutical Sciences, Dibrugarh University, Assam.

Total Cost of Project: Rs. 75.15 lacs.

Duration of the Project: 3 years (2012-2015)

IV. Book Chapter completed:

1. HPTLC Fingerprint in Herbal Drug Formulations in Herbal Medicine in India (Indigenous knowledge, Practice, Innovation and its value), Page No. 337-362 ; Published by Springer Link, Springer Nature, Switzerland AG, Part of Spinger Nature.(2019)

V. Research Publications:

1. AK. Dolui, HK. Sharma, TB. Marwein and **TC. Lalhriatpuii** (2004), “Folks herbal remedies from Meghalaya”, **Indian Journal of Traditional Knowledge**, 3(4), pg.358-364.
2. **TC. Lalhriatpuii** and N.Kawathekar (2005), “Derivative Spectrophotometric estimation of Pioglitazone and metformin HCl”, **Indian Drugs**, 42 (11), Pg. 740-743.
3. **TC. Lalhriatpuii**, KJ Rakesh, P. Goel and N. Kawathekar (2006), “ Simultaneous estimation of Metronidazole and Ofloxacin in suspension dosage form using UV-Vis Spectrophotometer”, **Asian Journal of Chemistry**, 18 (1), Pg. 559-560.
4. **TC. Lalhriatpuii**, S.K. Ghosh, H. Lalhlenmawia. C. Lalmuanthanga and B.Shriharsh (2012), “Study of anti-inflammatory, analgesic and antipyretic activities of the leaves extract of Melothria heterophylla (Lour.) Cogn.” **International Journal of Pharmaceutical & Research Sciences** , 1(6), Pg. 417-431.
5. **TC. Lalhriatpuii**, SK. Ghosh, B. Achari, PC. Lalawmpuii and R. Vanlalruata (2013), “Isolation and identification of flavonoid glycosides and natural phthalate derivative from the leaves extract of Melothria heterophylla (Lour.) Cogn.” **BioMedRx**, 1(1), Pg. 15-18.
6. H. Lalhlenmawia , S.C. Mandal,, V. Lalremruata, **TC. Lalhriatpuii**, Zothanpuia 2013), “*In vitro* antioxidant activity study of traditionally used plant *Mallotus roxburghianus Muell*” **International Journal of Research in Pharmacy and Science**, 3(1), pg 93-96
7. R Lalawmpuii, K Lalengliani, **TC Lalhriatpuii**, Lalzikpuii, , SK Ghosh (2014), “Ethnomedicinal Use And Qualitative Phytochemical Screening of *Buettneria aspera* Coleb and *Cordia wallichi* Don, A Medicinal Plants From Mizoram” : Proceedings of the International Conference cum Exhibition on ‘*Drugs Discovery and Development from Natural*

Resources' Aiawl, Mizoram, 5-6 February, 2014. Ed Laldusanga Pachuau, H.Lalhlenmawia, NE Books and Publishers, Assam, 2014, 262-268, Print.

8. R Lalawmpuii, **TC Lalhriatpuii**, Lalzikpuii, K Lalengliani, SK Ghosh (2015), "Qualitative Phytochemical Screening and evaluation of in vitro antioxidant activity of *Callicarpa arborea* Roxb, an ethnomedicinal plant of Mizoram, Northeast India" **Asian Journal of Pharmaceutical and Clinical Research**, 8(5), Pg 202-205

9. R. Lalawmpuii, **T.C Lalhriatpuii**, and S.K Ghosh, Invitro anticancer activity of *Callicarpa arborea* Roxb. and *Buettneria aspera* Colebr. a traditional medicinal plants from Mizoram, Northeast India. **European Journal of Biomedical and Pharmaceutical Sciences**, Vol 4, Issue 3, 2017, 362-367.

10. Takhellambam Bidyapati Devi, **TC Lalhriatpuii**, Charles Lalnunfela (2016), "Preliminary Phytochemical Screening and HPTLC finger printing of leave extracts of *Buettneria aspera* Coleb " : Proceedings of the Mizoram Science Congress 2016 : Science and technology for shaping the future of Mizoram .Ed Lalchhandama, Lalramliana, Allied Publishers Pvt Limited, New Delhi, 2017, 227-230, Print.

11. F. Lalbiakremi, **TC Lalhriatpuii**, R.Lalawmpuii Charles Lalnunfela (2016), "Preliminary Phytochemical Screening and HPTLC finger printing of leave extracts of *Cordia wallichi* Don " : Proceedings of the Mizoram Science Congress 2016 : Science and technology for shaping the future of Mizoram .Ed Lalchhandama, Lalramliana, Allied Publishers Pvt Limited, New Delhi, 2017, 231-234, Print.

12. Charles Lalnunfela , **TC Lalhriatpuii**, PC Lalmangaihzuai (2016), "Preliminary Phytochemical Screening and HPTLC finger printing of leave extracts of *Cordia wallichi* Don " : Proceedings of the Mizoram Science Congress 2016 : Science and technology for shaping the future of Mizoram .Ed Lalchhandama, Lalramliana, Allied Publishers Pvt Limited, New Delhi, 2017, 235-242, Print.

13. Lalnunfela C, Lalremsanga HT, **Lalhriatpuii TC**, Lalnunzira D, Lalchhandama K (2019), "Unveiling the Unexplored and Critically Endangered *Ilex khasiana* for its Antioxidant Properties" , **Journal of Natural Remedies**, 19 (4): 139-145.

14.P.B Lalthanpuii, ZT Laldinpuii, S. Lalmangaihzuai, K. Vanlaldinpuia, B. Lalruatfela, C. Lalnunfela, Laldinchhana, R. Lalawmpuii, **T.C Lalhriatpuii**, H. Lalhlenmawia and K Lalchhandama," Chemical profiling of alkylamides from the "herbal Botox" *Acmella oleracea*, cultivated in Mizoram and their pharmacological potentials,' **Journal of Enviromental Biology**: p-ISSN:0254-8704; e-ISSN:2394-0379; July 2020; Vol 41, 845-850

15. Charles Lalnunfela, P.B.Lalthanpuii, , **TC Lalhriatpuii** , K.Lalchhandama (2020)‘An endangered Medicinal Plant, *Ilex Khasiana* exhibits potent antiparasitic activity against Intestinal tapeworm’ **Pharmacogn J**, 12 (4):725-730
16. Lalnunfela C, Lalremsanga HT, **Lalhriatpuii TC**, Lalthanpuii PB, Lalchhandama K (2020).” *Ilex Khasiana*-The silent holy species of Aquifoliaceae on its pharmacognostical importance as a free radical scavenger and antibacterial agent”. **International Journal of Research in Pharmaceutical Sciences**, 15;11(2):2438-44.
17. Pdiangmon Kyndait, Kirangngaulule Elu, **TC Lalhriatpuii**, (2020)’ Phytochemical screening, physicochemical parameters and *in vitro* anti-inflammatory activity of *mussaenda macrophylla*’ **International journal of Multidisciplinary Education and Research** 5(3); 34-38)
18. Kirangngaulule Elu, Probin Kr Roy, Phaibiang Lapasam, Charles Lalnunfela, H.Lalhnenmawia, Yasangam Umbon and **TC Lalhriatpuii**, (2021)’ Phytochemical analysis and *in vivo* screening of *Pseudodrynaria coronans* (Wall. Ex. Mett.) Ching on its analgesic and anti-inflammatory properties’ **International journal of Pharmacognosy** 8(5):196-204)
19. Muslek Uddin Mazumder, **TC. Lalhriatpuii**, P. Khazeo, Sadique Hussain Tapadar, SM Abdul Aziz Barbhuiya,MD Rejwan Ahmed Choudhury ‘ HPTLC finger print analysis and *in vitro* cytotoxicity study against A549 cell line for methanol and chloroform extract of bark of *Erythrina stricta* Roxb.**Research Journal of Pharmacy and Technology** Accepted for publication in the year 2022 ;volume 15; Issue 10 of the journal.

VI. Oral/ Poster Presentation

1. Poster presentation on the topic of ‘studies of antipyretics and anti-inflammatory activities on *Melothria heterophylla*’ at the National Conference on Innovation in Drugs discovery and Research Punjabi University, Patiala (Punjab) on 3rd -7th March, 2009.
2. Oral presentation on the topic of ‘Study of Free radical Scavenging activities, total phenolics and flavonoids content of *Melothria heterophylla* and *Datura scaveolens*’ at the National Seminar on Emerging Trends in Bio Science and Future prospects organized by Dept. of Zoology, Pachhunga University College, Aizawl on 29th -30th November, 2011.
3. Poster presentation in the topic of ‘Investigation of anti inflammatory activity and Isolation of flavonoids glycosides from *Melothria heterophylla*’ at the International Conference on Traditional Medicines and Globalization of Ancient systems of Medicines organized by School of Natural Product Studies, Jadavpur University,

Kolkata on 12th International Congress of Ethnopharmacology during 17th -19th February, 2012.

4. Oral presentation on the topic of '*Sedative effect of the methanolic extracts of Melothria heterophylla*' at the National Seminar on "Recent Advances in Natural Product Research" organized by Dept. of Zoology, Pachhunga University College in Association with Dept. of Pharmacy, RIPANS, Aizawl, Mizoram during 29th -1st December, 2012.
5. Poster presentation on the topic "Ethnomedicinal Use And Qualitative Phytochemical Screening of *Buettneria aspera* Coleb and *Cordia wallichii* Don, A Medicinal Plants From Mizoram" at the International Conference cum Exhibition on '**Drugs Discovery and Development from Natural Resources**' jointly organized by ministry of Health and Family Welfare Govt. of India and Dept. of Pharmacy, RIPANS on 5th & 6th February, 2014
6. Oral presentation on the topic of '**Preliminary phytochemical screening and HPTLC fingerprinting of leaf extracts of Vitex Peduncularis**' at the National Seminar on "Recent Advances in Natural Products Chemistry for Drug Delivery" organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati, Tripura in Association with Udaipur Municipal Council, Gomati Tripura during 28th -29th November, 2015.
7. Oral presentation on the topic of '**Preliminary phytochemical screening and HPTLC fingerprinting of leaf extracts of Melothria heterophylla (Lour.) Cogn**' at the National Seminar on 'Recent advances and scope in Herbal Technology: Challenges and Prospect' organized by Department of Pharmaceutical Science, Assam University, Silchar on 09th -10th September, 2016.
8. Oral presentation in the topic of '**HPTLC fingerprint profile of various turmeric powders of North East India**' in Mizoram Science Congress 2016 held at Mizoram university during 13th -14th October, 2016
9. Poster presentation on the topic of '**Green Chemistry in sustainable organic Synthesis**' at the International Conference on Chemistry & Environmental Sustainability, organized by Department of Chemistry, Mizoram University, Tanhril (Mizoram) during 19th -22nd February, 2019.
10. Poster presentation on the topic of '**Sun Protection factor (SPF) determination of some hydroalcoholic vegetable extracts using UV-Vis Spectrophotometer**' at the

1st National Pharmacists' Convention 2019 held at ITA Machkhowa , Guwahati, Assam during 9th -10th March, 2019.

11. Oral presentation on the topic of '**Determination and comparison of nutrient composition of various egg samples found in Mizoram and evaluation of their external Quality**' at the International Conference on Recent Advances in Animal Sciences organized by Department of Zoology, Pachhunga University College, Aizawl, Mizoram on 6-8 November, 2019.
12. Poster presentation on the topic of "**Phytochemical analysis, DPPH radical-scavenging activity and antimicrobial activity of Ilex Khasiana**" at the International Conference on Recent Advances in Animal Sciences organized by Department of Zoology, Pachhunga University College, Aizawl, Mizoram on 6-8 November, 2019.
13. Poster presentation on the topic of "**In vivo analysis of analgesic and antipyretic activity of the methanolic extract of *Barleria cristata* Linn**" at the International Conference on Recent Advances in Animal Sciences organized by Department of Zoology, Pachhunga University College, Aizawl, Mizoram on 6-8 November, 2019.
14. Poster presentation on the topic of "**Phytochemical screening and in vitro antioxidant activity of *Mussaenda glabra* "** at the International Conference on Recent Advances in Animal Sciences organized by Department of Zoology, Pachhunga University College, Aizawl, Mizoram on 6-8 November, 2019.
15. **Poster presentation** on the topic of "**Determination of protein content in different marketed honey samples (Dabur, Apis, Rasna, and local honey) by using Kjeldahl method and their comparative studies**" at the Mizoram Science Congress 2020 (online) organized by Mizoram Science, Technology & Innovation Council (MISTIC) and Directorate of Science & Technology , Govt. of India held during 3-4 December, 2020.

VII. Workshop/ Conferences/ Training etc:

1. Participated in the 8th Annual National Convention of Association of Pharmaceutical Teachers of India (APTI) held at KLES' College of Pharmacy, Hubli, Karnataka on 17th & 18th October, 2003.
2. Participated in the 2nd International Congress of Chemistry and Environment ICCE-2005 from 24th-26th December, 2005 at Indore (MP) India.
3. Participated in Indian Science Congress held on 3rd-7th January, 2009 at NEHU Campus, Shillong.

4. Participated in Workshop on Traditional Healing Practices in Mizoram held on 16th January, 2009 at Aizawl.
5. Attended the Opioid Workshop and Hospital Infection Control Update Organized by Dr. B. Barooh Cancer Institute, Guwahati and Greenwood Hospital, Aizawl on 28th August, 2009.
6. Undergone four days free training on CAMAG HPTLC System at CAMAG Switzerland recognized Application Research Laboratory in Mumbai on 27th-30th August, 2012.
7. Participated in One Day Seminar on Animal Welfare and Ethics organized by CPCSEA, Ministry of Environment and Forests, Government of India and Department of Pharmacy RIPANS on 6th June, 2013.
8. Participated in One Day Seminar on Oil and Natural Gas in Mizoram: Present Scenario and Prospects organized by Mizo Post Graduate Science Society in collaboration with the Directorate of Geology and Mineral resources, Govt. of Mizoram held on 28th August, 2013 at Pi Zaii Hall, Synod Conference Centre, Aizawl, Mizoram.
9. Participated in the Advocacy Workshop on Oil and Natural Gas Exploration in Mizoram held on 18th July, 2014 at Conference Hall, Directorate of Information and Public Relations, Aizawl, Mizoram.
10. Attended “Workshop on Capacity Building in Effective Management of Intellectual Property Rights (IPRs) in Biotechnology by Universities and Research Institutes in Mizoram” organized by Biotech Consortium India Limited (BCIL), New Delhi at Mizoram University, Aizawl from August 27 – 28, 2014.
11. Attended “Workshop cum Training Program on “Higher Education Statistics and Public Information System” sponsored by Ministry of Human Resource Development, New Delhi on 15th September, 2014 at Mizoram University, Aizawl.
12. Attended “Workshop on Molecular Docking and Virtual screening” jointly organized by Bioinformatics Infrastructure Facility, Dept. of Biotechnology, Mizoram University and Schrodinger from 02-04 October, 2014 at Mizoram University.
13. Participated in One Day Seminar on Science for Nation Building organized by Mizo Academy of Science in collaboration with the Directorate of Science & Technology, Govt. of Mizoram held on 1st October, 2015 at Pi Zaii Hall, Synod Conference Centre, Aizawl, Mizoram.

14. Participated as CPCSEA link nominee and performed Animal House Inspection as well as conducted Institutional Animal Ethics Committee (IAEC) on 27th November, 2015 at Tripura Medical College & Dr. B.R. Ambedkar Memorial Teaching Hospital.
15. Attended one-day Training cum Sensitization Workshop organized by All India Survey on Higher Education (AISHE) which is sponsored by Ministry of Human Resource Development, Government of India, New Delhi on 14th January, 2016 at Aizawl Club, Aizawl, Mizoram.
16. Participated as CPCSEA link nominee and performed Animal House Inspection as well as conducted Institutional Animal Ethics Committee (IAEC) on 29th February, 2016 at Tripura Medical College & Dr. B.R. Ambedkar Memorial Teaching Hospital.
17. Attended one-day training on “Computerization of Exam” organized by Mizoram University on 21st March, 2016 at Administrative Conference Hall, Mizoram University, Tanhril, Mizoram.
18. Participated in Make in India: Science & Technology driven Innovations’ organized by Mizo Post Graduate Science Society in collaboration with National Council for Science & Technology Communication, Department of Science and Technology, New Delhi held on 4th November, 2016 at Pi Zaii Hall, Synod Conference Centre, Aizawl, Mizoram
19. Participated in the Seminar on ‘Pharmacy practice Regulations-2015 for Pharmacist’ conducted by Mizoram State Pharmacy Council on 2nd June, 2017 at ID & PR Auditorium, Aizawl, Mizoram.
20. Participated in One Day Seminar on ‘Entrepreneurship Development for Pharmacy Students: ‘Requirements of Current Good manufacturing practices’ organized by Department of Pharmacy, RIPANS on 14th June, 2017 at Beraw Tourist Centre, Berawtlang, Aizawl, Mizoram.
21. Participated in the State Level Seminar on Challenges in Biosystematics in Mizoram held at PUC Seminar Hall, Aizawl on 29th September, 2017 which is jointly organized by Directorate of Science & Technology, Mizoram, Mizo Academy of Sciences, Aizawl and Project Committee, Pachhunga University College, Aizawl, Mizoram.
22. Participated in the Seminar on ‘Climate Change Adaptation and Disaster Risk Reduction’ held at ATI Auditorium, Secretariat Complex, Aizawl, Mizoram on 3rd November, 2017 which is organized by Mizo Academy of Sciences in collaboration with the Department of Environment, Forest & Climate Change, Climate Change Cell

of MISTIC, and Department of Disaster Management & Rehabilitation, Govt of Mizoram.

23. Participated in the Refresher course on 'Bioinformatics' Sponsored by UGC held at Human Resource Development Centre, Mizoram University during 22nd March - 11th April, 2018 and obtained Grade A.
24. Participated in 3 days National Conference on ' Strategies for Development of Higher Educaion in Northeast India' Sponsored by North eastern Council, Shillong, Meghalaya Organized by UGC-Human resource development centre, Mizoram University during 9th -11th , April, 2018.
25. Participated in the seminar on 'Science and Technology for a Sustainable future' supported by the National Council for Science and Technology Communication, Department of Science and technology, New Delhi at the Seminar Hall, PUC, Aizawl, Mizoram on 30th April, 2018.
26. Participated as well as Organising Committee Member in the " National Workshop on Molecular Docking, Virtual Screening and Computational Biology " Organized by Department of Pharmacy, Regional Institution of Paramedical and Nursing Sciences (RIPANS) Zemabawk, Aizawl,Mizoram during 18th -22nd June 2018.
27. Participated in 'One day Seminar cum Hands-on training on Foldscope' organized by Department of Pharmacy, RIPANS, Zemabawk, Aizawl in collaboration with Central Food Technological Research Institute(CSIR), Mysore, Karnataka Funded by Department of Biotechnology, Ministry of Science and Technology, Govt.of India which was held at Multipurpose hall, Berawtlang Tourist Centre, Zemabawk, Aizawl on 18th September, 2018.
28. Participated in the "Mizoram Science Congress 2018" (A National Conference) held at Pachhunga University College, Aizawl, Mizoram during 4th- 5th October, 2018.
29. Participated on State level seminar on Climate Change 'Beat Plastic Pollution' organized by Mizo Academy of Sciences (MAS) & Govt Zirtiri Residential Science College Sponsored by Environment, Forest and Climate Change, Govt. of Mizoram on 7th February, 2019.
30. Participated on International Conference on 'Chemistry & Environment Sustainability (ICCES-2019) organized by Department of Chemistry,Mizoram University during February 19-22, 2019.
31. Participated in one day Meeting-cum-Workshop on 'All India Survey on Higher Education' organized by Department of Mathematics and Computer science, Mizoram

University, Tanhril , Aizal, Mizoram held at Govt. Hrangbana College, Aizawl, Mizoram on 21st February, 2019.

32. Participated in “NER Twinning Programme cum Foldscope Seminar” organized by Department of Pharmacy, RIPANS Zemabawk, Aizawl in collaboration with Muthayammal Centre for Advanced Research(MCAR) Muthayammal College of Arts and science, Tamilnadu, Funded by Department of Biotechnology, Ministry of Science and Technology, Govt. of India held at the Department of Pharmacy, RIPANS Zemabawk, Aizawl on 8th March, 2019.

33. Participated in the three days Faculty Development Programme for Students Induction (FDP-SI) organized by AICTE during 27-29th January, 2020 at GIMT, Tezpur , Assam

34. Attended three days workshop on ‘HPTLC method development on detection of vitamins in food and drug samples organized by Anchrome, Mumbai and Department of Pharmacy,RIPANS during 4-6th March, 2021. Attended three days workshop on ‘HPTLC method development on detection of vitamins in food and drug samples organized by Anchrome, Mumbai and Department of Pharmacy, RIPANS during 4-6th March, 2021.

35. Attended one-day Meeting cum Workshop with college and university Nodal Officers organized by All India Survey on Higher Education (AISHE) which is sponsored by Ministry of Human Resource Development, Government of India, New Delhi on 27th March, 2021 at Aijol Club, Aizawl, Mizoram.

36. Training cum Workshop on Calibration of HPTLC and quantification of phytochemicals from various fruit extracts using HPTLC methods jointly organized by Anchrome, Mumbai and Department of Pharmacy, RIPANS, Aizawl, Mizoram during 13-17th December, 2021

37. Attended one day Training Programme on All India Survey on Higher Education (AISHE) for all Nodal Officers of AISHE within Aizawl City which is sponsored by Ministry of Human Resource Development, Government of India, New Delhi and organized by Higher & Technical Education, Govt. of Mizoram on 25th Feb, 2022 at Aijol Club, Aizawl, Mizoram.

38. Attended one day Training on Installation of Sanitary Napkin Vending Machine on 2nd Feb, 2022 at Aizawl Smart City Ltd office, MINECO Complex, Aizawl Mizoram.

39. Attended one day Observation of Vigilance Awareness Week-2021 on 3rd Nov, 2021 jointly organized by NEDFi Ltd, Aizawl and Department of Pharmacy, RIPANS, Aizawl, Mizoram
40. Attended one day Seminar on Pharmacovigilance on Drug Safety and Adverse Drug Reaction: A step towards Patients Safety on 6th April, 2022 jointly organized by Department of Pharmacology, ZMC and Drug Awareness Club, RIPANS, Aizawl, Mizoram.

VIII. Participated as Resource Person: State Level Refresher Course :

1. Resource person on the topic of 'Drugs Use during pregnancy' at the Refresher Course for Pharmacists organized by Mizoram state Pharmacy Council during 7th – 8th December, 2009.
2. Resource person on the topic of 'Drugs Use during pregnancy' at the Refresher Course for Pharmacists organized by Mizoram state Pharmacy Council during 14th – 16th November, 2011.
3. Resource person on the topic of 'Drugs Use during pregnancy' at the Refresher Course for Pharmacists organized by Mizoram state Pharmacy Council during 13th – 15th November, 2012.
4. Resource person on the topic of '*Trends in Drug Discovery*' at one day Seminar on Biotechnology organized by Institutional Level Biotech Hub, Dept. Of Pharmacy, RIPANS, funded by the Department of Biotechnology, Ministry of Science & Technology, Govt. of India on 23rd Feb, 2013.
5. Resource person on the topic of 'Drugs Use during pregnancy' at the Refresher Course for Pharmacists organized by Mizoram state Pharmacy Council during 27th – 29th August, 2014.
6. Resource person on the topic of 'Drugs Use during pregnancy' at the Refresher Course for Pharmacists organized by Mizoram State Pharmacy Council during 7th – 8th December, 2015 at Department of Pharmacy, RIPANS
7. Resource person on "Hands on Training on HPLC, HPTLC, GC & FTIR" organized by Department of Pharmacy, RIPANS during 21st – 25th August, 2015.
8. Resource person on Hands on Training on HPTLC during Workshop on "Pathways in Drug Discovery from forest to Drugstore" at Department of

Pharmacy, RIPANS during 7th – 11th March, 2016 which is organized by IBT Hub, RIPANS.

9. Resource person on the topic of ‘*Drugs Use during pregnancy*’ at the Refresher Course for Pharmacists organized by Mizoram state Pharmacy Council during 20th – 22th July, 2016

IX. WEBINAR ATTENDED:

| Sl. No. | Topics | Date and Year |
|---------|--|--|
| 1 | “ Integrating Energy, Climate Change and Developmet ” Organised by Department of Management, Mizoram University (MZU), Aizawl, Mizoram. | September 8 th , 2020 |
| 2 | “ Towards Inclusive Innovations and Network-based Entrepreneurship ” Organised by Department of Management, Mizoram University, Aizawl, Mizoram. | August 10 th , 2020 |
| 3 | “ The Importance of Corporate Governance Studies for Management During COVID-19 Pandemic ” and “ Corporate Governance of Asian Family Business- the strengths and weakness ” Organised by Department of Management, Mizoram University, Aizawl, Mizoram. | August 6 th , 2020 |
| 4 | “ COVID-19 – Essential Information from Clinician’s Point of View ” organised by Department of Biotechnology, Mizoram University (MZU), Aizawl, Mizoram. | 4 th August, 2020 |
| 5 | “ COVID-19, Aviation and Tourism: Implications for Destinations and Managers of Tourism Enterprises ” Organised by Department of Management, Mizoram University, Aizawl, Mizoram. | July 31 st , 2020 |
| 6 | “ (1) Tree improvement at a glance and (2) Wildlife conservation- Why and How? ” Organised by Department of Forestry, Mizoram University, Aizawl, Mizoram. | June 30 th , 2020 |
| 7 | International Webinar on “ Emerging Trends in Biotechnology, Current and Future Challenges in Biotechnology Research ” Organised by , Department of Biotechnology, Pachhunga University College (PUC), and Mizoram University (MZU). | 24 th -26 th June 2020 |
| 8 | “ Managing Stress And Relationships During COVID-19 Pandemic ”, Speaker: Dr. T.S Sathyanarayana Rao, Professor; Department of Psychiatry, JSS Academy of Higher Education and Research, JSS | June 22 nd , 2020 |

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| | Medical College and Hospital, M.G Road, Mysore. Organised by Department of Psychology, Mizoram University, Aizawl, Mizoram. | |
| 9 | “Applications of HPTLC technique in the Evaluation of Primary and Secondary Metabolites” Jointly organised by Anchrom Enterprises (I) Pvt.Ltd., Mumbai and Bharati Vidyapeeth’s College of Pharmacy, Navi Mumbai. | June 22 nd , 2020 |
| 10 | “High Performance Thin Layer Chromatography Technique and Application” Jointly Organised by Sagar Institute of Research and Technology Pharmacy Bhopal and Anchrom Enterprises (I) Pvt.Ltd., Mumbai. | June 19 th , 2020 |
| 11 | “Mending the Broken Heart: Evolution of Novel Therapeutic Approach” delivered by Dr. Suresh Verma, The University of Alabama at Birmingham, USA; Organized by The School of life Sciences, Mizoram University, Aizawl, India. | June 18 th , 2020 |
| 12. | Current status of Adverse Drug reaction report in Mizoram jointly organized by Zoram Medical College and Department of Pharmacy, RIPANS, Aizawl for the observation of Pharmacovigilance week, 2021 | 21 st September, 2021 |
| 13. | Meeting cum Workshop with college and university Nodal Officers organized by All India Survey on Higher Education (AISHE) which is sponsored by Ministry of Human Resource Development, Government of India, New Delhi, 2021 at Aijol Club, Aizawl, Mizoram. | 9 th December, 2021 |

X. Article contribution:

1. Powdel A. and **Lalhriatpuii TC.**, (2019) “Mizo-te leh Tuibur”. **Mizoram Science Journal (STAM General Conference Report – 2019)**, 11(9), 5-8.
2. **Lalhriatpuii TC.**, (2018) “Nauawimu leh Kei”. *Mizoram Science Journal*. Vol. XXXI. No. 08, Page 11-12.

XI. Research project guided as supervisors:

1. Ph.D students presently guided:

(i). **Charles Lalnunfela**, Department of Zoology, Mizoram University. Synopsis: **‘In vitro and in vivo investigation of anticancer activity of *Ilex khasiana* and HPTLC Fingerprint Profiling’**.

(ii). **Ms. Anima Debbarma**, Department of Pharmacy RIPANS under Mizoram University . Synopsis: **‘Phytochemical characterization, formulation and evaluation of polyherbal oil for wound healing’**.

(iii). **Mrs Caroline Malsawmtluangi**, Department of Pharmacy, RIPANS under Mizoram University. Synopsis: **‘Phytochemical characterization and evaluation of anti-diabetic and anti-inflammatory activity of *picria fel-terrae lour* in rat model.**

(iv) **Mr. Yasangam Umbon**, Department of Pharmaceutical Sciences, Dibrugarh University , Assam. Synopsis: **HPTLC profiling of selected medicinal plants found in North East India, *in vitro* and *in vivo* investigation of anticancer activity**

2. Post Graduate students (M.Pharm) successfully guided for Dissertation work:

| Sl. No. | Year | Name of Students | Topics |
|---------|------|-----------------------|--|
| 1 | 2021 | Yasangam Umbon | Formulation and evaluation of formulated cream containing anti-melanogenic and sunblock properties using microencapsulated and crude essential oil extracted from <i>Citrus Sinensis</i> , their comparative studies and determination of Limonene using HPTLC |
| | | Bhanita Das | Effect of <i>Musa Balbisiana</i> colla on brain senescence of aging rats |
| 2 | 2020 | Pdiangmon Kyndait | Design, synthesis and molecular modelling studies of novel 1,3,4-Oxadiazole derivatives as potential anti-cancer activity as well as <i>in-vitro</i> |
| | | Kirangngaulule Elu | Evaluation of biological activities and isolation of biomarker compounds from rhizome of <i>Pseudodrynaria coronans</i> (Wall. ex. Mett.) Ching. |
| 3 | 2019 | P Khazeo | Formulation of Aloe vera cosmetic products and quantification of aloin in various formulated and marketed Aloevera cosmetics products by using HPTLC |
| | | Rosamund Jyrwa | Synthesis and <i>in-vitro</i> anti-cancer activity study of novel xanthone derivatives |
| | | Muslek Uddin Mazumder | HPTLC fingerprint profile, <i>in-vitro</i> antioxidant activity, cytotoxicity activity studies and isolation of marker compounds of selected medicinal plants of Mizoram |
| 4 | 2018 | K. Vanlazarliani | Antimicrobial activity screening and <i>in-vivo</i> studies of anti-inflammatory and anti-cancer activities of <i>Ilex khasiana</i> |
| | | David Lalnunzira | |
| 5 | 2017 | Amit Powdel | Chemical analysis and quantification of nicotine from liquid tobacco preparation (Tuibur) Collected from Mizoram |
| 6 | 2016 | Lalbiakremi Fanai | HPTLC fingerprint profile and isolation of bioactive compounds from selected medicinal plants of Mizoram |

XII. Administrative experiences other than Teaching:

1. Member of Institutional Animal Ethics Committee (1/05/2012- 26/05/2017)
2. Member of Board of Studies (BOS) for Pharmacy Department from 2017 till August, 2020

3. Member of Moderation Board for UG and PG course from 2017 till date
4. Member of Woman Grievance Committee RIPANS from 2018 till date
5. Link Nominee Member nominated by Committee for the Purpose of Control and Supervision of Experiments on Animals(CPCSEA) for Institutional Ethics Committee (9/05/2013-2016)
6. Nodal Officer to RIPANS for All India Survey for Higher education (AISHE) from 2011 till date
7. Coordinator, Examination cell, Department of Pharmacy, RIPANS from 2017 till date.
8. Right to Information- Central Public information Officer (CPIO) for RIPANS, Mizoram.

XIII. Other Responsibilities Taken up:

1. Member of Organizing Committee at the “**International Conference on Recent Advances in Animal Sciences- 2019 (ICRAAS 2019)**” held at Pachhunga University College, Aizawl, Mizoram during November 6 - 8, 2019.
2. Member of Organizing Committee in the National Workshop on “**Molecular Docking, Virtual Screening and Computational Biology**” during 18th-22nd June, 2018.
3. Treasurer in the “**International Conference cum Exhibition on Drugs Discovery and Development from Natural Resources**” Organized by the Department of Pharmacy, RIPANS under the sponsorship of the Ministry of Health and Family Welfare, Government of India during 5-6 February, 2014 at Art and Culture Auditorium, Berawtlang, Aizawl.
4. Executive Member for the “**Mizo Academy of Sciences (MAS)**” since 2003 till date.
5. Secretary for Drug Awareness Club (Established under Narcotic Control Bureau, Ministry of Home Affairs, Govt of India) RIPANS, Aizawl till date.
6. Expert Team member for Revision of Essential Drugs List and Standard Treatment Guidelines for Mizoram till date

Declaration: I hereby declare that all the details and information given above are complete and true to the best of my knowledge.



(DR TC LALHRIATPUII)

Date: 10/05/2022

Place: Aizawl

