CURRICULUM VITAE

Prof.(Dr.) Dipak Sinha, FRSC, FNESA

(DST-BOYSCAST FELLOW, FULBRIGHT FELLOW)

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Vidwan-ID

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EDUCATION

Ph.D. : North Eastern Hill University, Shillong, 1998
Post Doc. : Hahn-Meitner-Institute, Berlin, Germany, 2013-2014 (DST-BOYSCAST Fellowship)

TEACHING EXPERIENCE

P.G. Teaching Experience since 1999

ADMINISTRATIVE EXPERIENCE

Position Held	Department/Bodies/Organization etc.	Period
Pro-Vice Chancellor	Nagaland University	21st March 2025 onwards
Chief Vigilance Officer	Nagaland University	16th March 2023 to 14th July 2025
Nodal Office NEP 2020	Nagaland University	22nd October 2022 onwards
Director, IQAC	Nagaland University	18th Oct. 2022 to 17th Oct., 2024
Director, IQAC	Nagaland University	15th Oct. 2019 to 19th Dec. 2021
Dean, Students' Welfare	Nagaland University	10th July 2014 to 19th April 2016
Head	Department of Chemistry	20th April,2016 to 21st April 2019
Head (i/c)	Department of Chemistry	20th April 2015 to 20th Feb. 2016
Head	Department of Chemistry	10th August 2010 to 6th March,2013
Students' Welfare In charge	Nagaland University, Lumami Campus	20th July,2009 to 19th July 2011
DST-FIST Coordinator	Department of Chemistry, Nagaland University	6th Feb 2017 to 25th April, 2019

POSITIONS HELD (ACADEMIC)

Assistant Professor, Nagaland University	10-10-98 to 29-09-08
Reader	30-09-08 to 29-09-11
Associate Professor	30-09-11 to 29-09-14
Professor	30-09-2014 to 29-09-24
Senior Professor	30th Sept 2024 onwards
Guest Scientist, H.M.I., Berlin, Germany (Under DST-BOYSCAST Young Scientist Fellowship	31-03-04 – 30-03-05

INVOLVEMENT IN DIFFERENT UNIVERSITY ACADEMIC/OTHER BODIES

Member	Executive council, Nagaland University
Member	Finance Committee, Nagaland University
Member	Academic Council, Nagaland University
Member	Planning Board, Nagaland University
Member	Board of Research Studies, Nagaland University
Member	Building Construction Committee
Member	School Board of Sciences, Nagaland University
Chairman	Board of post-graduate studies in Chemistry, Nagaland University
Chairman	Board of Undergraduate studies in Chemistry, Nagaland University
Member	Board of studies (different BoS) under Nagaland University
Member	Building Construction Committee

RESEARCH CONTRIBUTION

Ph.D. Guided	Journal Publications	Patents	Book	Chapter in a book
12 awarded 3 under supervision	95 WoS/Scopus: 83	Granted 8 Published 6	1	7

AREA OF RESEARCH

- Ion track technology
- Gamma interaction with nuclear track detectors
- Environmental Radon studies
- Photo catalysis
- Application of activated carbon/carbon composite for environmental studies
- Synthesis and applications of Graphene based nano composite

MEMBER OF PROFESSIONAL BODIES/ORGANIZATIONS

- Life Member of Nuclear Track Society of India (NTSI)
- Life Member of Indian Association of Nuclear Chemists and Allied Scientists (IANCAS)
- Life member of Indian Council of Chemists
- Zonal Secretary (North-Easten Zone) of Indian Council of Chemists for three years since January 2012 and reelected for second term.
- Executive Member, Nuclear Track Society of India, since 2013
- Life Member, Indian Science Congress
- Life Member, National Environmental Science Academy

AWARDS/HONOURS/RECOGNITION RECEIVED

- Fulbright–Nehru International Education Administrators Award (FNIEA), 2025-2026
- Awarded Fellow of Royal Society of Chemistry in the year 2024 by Royal Society of Chemistry
- Awarded National Environmental Science Academy Fellowship, 2019 (FNESA) by NESA, New Delhi
- Department of Science & Technology, Govt. of India (DST) **Young Scientist Fellowship *BOYSCAST*** *(Better Opportunities for Young Scientist in the Chosen* Area *of Science & Technology*) was awarded in the year 2003-2004, to carry out Post doctoral Research at HMI Institute, Berlin, Germany for one year

- Best Paper award in 2nd International Conference on "Recent Trends in Materials Science and Devices (ICRTMD 2023)", 29-31 December 2023, organized by Research Plateau Publishers and Sat Kabir Institute of Technology & Management, Bahadurgarh (Haryana) India Title of the talk: Photocatalytic degradation of Phenol wastewater by co-doped TiO_2 activated carbon nanocomposite
- Outstanding Scientist Award 2020, by VDGOOD Professional Association
- Fellow of Indian Council of Chemist (FICC)
- Awarded Prof. Gopala Rao Centenary Commemorative Award in the 30th Annual Conference of the Indian Council of Chemists, held at Osmania University during the period 28th -30th, Dec. 2011.
- CSIR Senior Research Fellowship was awarded for three years (1996- 1999)
- Awarded as Best Paper in Nuclear and Radiochemistry symposium (NUCAR-95), Feb. 1995, IGCAR, Kalpakkam
- University Merit Award (NEHU) for the period 1990-1992
- Two papers were considered as one of the top cited articles in the year ,2020, by Sustainable Chemistry and Pharmacy (Elsevier Journal, IF: **5.464**)
- Two papers were considered as one of the top cited articles in the year ,2021, by Sustainable Chemistry and Pharmacy (Elsevier Journal, IF:**5.464**)
- One paper was considered as one of the top cited articles in the year ,2022, by Sustainable Chemistry and Pharmacy (Elsevier Journal, IF : **5.464**)
- "On progress and status of research in Nagaland University" published in Indian J. Sci. Res. 11 (2): 133-1136, in2015, **D. Sinha** was considered as Top author in Nagaland University.
- "Scientometric Analysis of Research Output among Central Universities of North-East India during 2012-2021" published in College Libraries, Vol. 37 No. I March 2022, D. **Sinha** was considered the most productive author of Nagaland university during this period.
- One of the Best Ten Scientist of Nagaland University as per **AD Scientific Ranking Index**, 2020, 2021, 2022, 2023, 2024.

SOME SIGNIFICANT CONTRIBUTUION

- Submitted SSR of Nagaland University in the Year 2023 as Director, IQAC
- Submitted AQAR of Nagaland University for the period 2014 to 2021 (as Director, IQAC)
- Implemented Curriculum and Credit Framework for UG courses of Nagaland University as part of NEP-2020 from academic session 2023 as Nodal Officer NEP-2020
- Implemented CBCS with NEP for UG courses of Nagaland University in the Year 2022 as Nodal Officer - CBCS for Nagaland University
- DST-FIST programme for Department of Chemistry was proposed and Implemented (2017-2019)
- Convener, University Ordinance, 2018
- Organized Inter Campus Cultural cum Literary Meet 2009 (NEFEST 2009) as Student's Welfare In charge

INVOLVEMENT IN DIFFERENT ACADEMIC BODIES OTHER THAN NAGALAND UNIVERSITY

- Member Coordinator, NAAC Peer Team, KZS SCIENCE COLLEGE, BRAMHANI-KALMESHWAR, Nagpur during the period 24/10/2024 to 25/10/2024
- Member Coordinator, NAAC Peer Team, JSPM, JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE, Pune during the period 03/10/2024 to 04/10/2024

- Member, UGC North Eastern Zonal Committee for the implementation of NEP-2020, 2024
- Member, Academic Council, Kohima Science College (Autonomous College), Nagaland since 2024
- NAAC Assessor since 2024
- Member, Academic Council from 21/02/2022 to 20/02/2024, St. Joseph's College (Autonomous College), Jakhama, Kohima, Nagaland
- Member, Task Force, National Education Policy (NEP-2020), Govt. of Nagaland
- Member, Board of Studies in Chemistry, Krishna University, Andhra Pradesh 2020
- University Representative, Governing body of Saochang College, 02-11-11 to 02-11-14,
- University Representative, Governing body of Fazl.Ali College, 2014-2017
- Member, IQAC, Fazl Ali College, 24-09-10 to 24-09-2017
- Member, College Advisory Committee, Fazl Ali College, 20-08-09 to 20-08-2012
- University Representative, Governing body, Kohima Science College, 2014-2017
- University Representative, Governing body Mokokchung law College, Mokokchung, 2018-2021
- University Representative, Governing body Loyem Memorial College, Tuensang, 2021-2024

UNIVERSITY ASSIGNMENTS (Some Selected ones)

- Chairman, Standing Committee on NEP-2020, Nagaland University, 2024
- Member, Research and Innovation Committee, Nagaland University, 2024
- Member, Building Construction Committee, Nagaland University, 2024
- Convener, Committee to frame eligibility guidelines of Teachers for reimbursement of papers and patents
- Member, Committee to frame common regulations for all Paramedical Courses under Nagaland University
- Convener, Committee to workout guidelines for counting past service for CAS promotion, 2023
- Convener, Committee to draft the guidelines for SWAYAM, 2023
- Planning Committee member for Organizing 25th Silver Jubilee of NUSU(L), 2023
- Chairman, Preparation of Curriculum and Credit framework for undergraduate programme (CCFUP), 2022
- Nodal Officer, NIRF, Nagaland University, 2022
- Nodal Officer, NEP 2020, Nagaland University, 2022
- Nodal Officer, CBCS Implementation committee Nagaland University, 2022
- Member, Organizing Committee, University Convocation, 2022, 2024
- Convener, CBCS Implementation committee for undergraduate courses, Nagaland University, 2021
- Member Secretary, Planning and framing of guidelines for implementation of NEP 2020
- Secretary, Committee to frame guidelines for counting API for promotion and status of UGC approved journals
- Coordinator, OBC Cell, Nagaland University, 2019 onwards till December 2023
- Convener, University Ordinance, 2018
- Nodal Officer, IPR Cell, Nagaland University from 4th December 2018 onwards till December 2023
- Member, Committee for MHRD's 17-by-17 Action Plan, 2018
- Nodal Officer, ARIYA, 2018
- Member, Implementation of 7th CPC for teachers and equivalent cadres, 2017
- Member, tri-partite MoU between MHRD, UGC and Nagaland University, 2017
- Chairman, Committee for Meritorious staff award, 2017
- Nodal Officers for Online Students Grievance Redressal Portal, 2015
- Chairman, Editorial Committee University Annual Report, 2011-2012, 2013-2014, 2017-2018,
- Member, Editorial Committee, University Annual Report, 2014-2015, 2012-2013,
- Member, Editorial Committee, University Prospectus, 2016-2017
- Member, Editorial Board of University Research Journal, 2008 to March 2013
- Member, Editorial Board of University Newsletter, 20-04-08 to 20-04-10
- Member, Library Committee, Nagaland University, 04-09-08 to 04-09-11, 28th March 2019 to 27th March 2021 (as Director, IQAC)
- Member, University Construction Monitoring Committee, October 2011 to Nov.2012
- Member, Central Purchase Committee, 29-06-07 to 29-06-09, 2019-2021
- Hostel Warden, P.G. Boys Hostel, 2002-2003.

- Member, Quarter Allotment Committee, Nagaland University, 13-04-10- to 13-04-12
- Member, Transport Committee, Nagaland University
- Member, University Sports Committee, 2014-2016
- Chairman, Departmental Purchase Committee, 2010-2013, 2015-2019
- Chairman, Departmental Research Committee, 2010-2013, 2015-2019
- Chairman, Admission Committee for P.G and Ph.D. in Chemistry, 2010-2013, 2015-2019
- Chairman, Examination moderation committee for U.G courses, 2010-2013, 2015-2019
- Member, Departmental Purchase Committee, Admission committee, Examination Moderation committee since 1999
- Chairman/Member/Vice-Chancellor nominee for selection of project staff (from time to time)
- Convener/Member for University Foundation Day celebration, (several times)

OTHER ASSIGNMENTS/EXPERIENCES

- Chairman, Selection Committee for Guest faculty, AICRP Scientist for various Department under Nagaland University, Medziphema Campus
- Member, Selection Committee for Assistant Professor, Associate professor and Professor for various Department under Nagaland University
- Chairman, Screening committee for CAS applications for promotion of Teachers (15th Oct. 2019 to 19th Dec. 2021, 18th Oct. 2022 onwards, as Director, IQAC)
- Member, Central Screening Committee for Teaching posts, Nagaland University, 2022
- Member, Screening committee for teaching post School of Sciences, Nagaland University
- Chairman/Member for different college inspection committee for affiliation under Nagaland University
- Member, Selection committee, Assistant Professor in Chemistry, Govt. oof Nagaland
- Member, Selection committee, Associate Professor in Chemistry, Govt. of Nagaland
- Member, Selection committee, College Principal, Govt. of Nagaland, 2022
- Chairman/ Member, Selection committee, Assistant Professor for different colleges affiliated under Nagaland University
- Practical Examiner to different Colleges under Nagaland University
- Ph.D. Thesis Examiner for Guwahati University, NEHU, Mizoram University, Krishna University, Acharya Nagarjuna University, Visvesvaraya Technological University
- Reviewer for different Journals like Sustainable Chemistry and Pharmacy, Journal of Environmental Chemical Engineering, Korean J. Chem. Eng, International Journal of Environmental Science and Technology etc.
- Editorial Board members of different Journals like Nagaland University Research Journal, Journal of Applicable Chemistry etc.
- Reviewer of UGC Project proposal on D. S. Kothari Post Doctoral Fellowship, 2023

POSITION & PERIOD HELD IN DIFFERENT UNIVERSITY ACADEMIC BODIES

Department/Bodies/Organization etc.	Position Held	Period
Executive Council	Member	21st March 2025 onwards (as PVC)
Finance Committee	Member	21st March 2025 onwards (as PVC)
Academic Council	Member	August 2010 - 6th March, 2013 (as HOD), 20th April 2015 onwards as HOD, July 2014 onwards for three years (as DSW), September 2014 onwards as Professor
Planning Board	Member	5th Nov.2011 - 6th March, 2013 as HOD (i/c), 20th April 2015 onwards as HOD till 21st April 2019
Board of Research Studies	Member	5th Nov.2011 - 6th March, 2013 as HOD (i/c, 20th April 2015 onwards as HOD till 21st April 2019, 22nd April 2019 onwards as Professor

School Board of Sciences, Nagaland University	Member	1999 – 2003, 19-3-08 to 23-08-11, 2011- 2013 (Ex-officio member as Head), 2014 onwards as Professor
Board of Post-Graduate Studies (BPGS) in Chemistry, Nagaland University	Member Chairman	Since 1999 August 2010 to Feb.2013, 20th April 2016 onwards
Board of Under-Graduate Studies (BUGS) in Chemistry, Nagaland University	Member Chairman	Since 1999 August,2010 till 6th March 2013 20th April 2016 onwards
Board of Post-Graduate Studies (BPGS) in Agricultural Chemistry, Nagaland University	Member	1999-2001
Board of Post-Graduate Studies (BPGS)/Board of studies in Geology, Nagaland University.	Member	8/12/2006 -15/7/2010, May 2014 to May 2017, 2023-2026
Board of Post-Graduate Studies (BPGS) in Mathematics, Nagaland University.	Member	2017-2020
Board of Post-Graduate Studies (BPGS) in Geography, Nagaland University.	Member	4th May 2011 to 3rd May, 2014
Board of Post-Graduate Studies (BPGS) in Zoology, Nagaland University.	Member	20th August 2015 to 19th August 2018
Board of Post-Graduate Studies (BPGS) in Forestry, Nagaland University.	Member	17th Nov. 2020 to 16th Nov. 2023

SEMINAR\WORKSHOP\SCIENCE EXHIBITION\EXTENSION ACTIVITIES ETC. ORGANIZED

Type of Event	Period	Nature of Involvement
Training cum Workshop on Academic Administration	24th Sept. to 22nd Oct. 2020	Convener (as Director, IQAC)
Quality Enhancement in Research	23rd to 24th March, 2021	Convener (as Director, IQAC)
Importance of IPR in academic institutions	29th May, 2019	Convener
National Seminar on "Chemistry in interdisciplinary research" (NSCIR-2018)	9th to 10th November 2018	Chairman
National Seminar on "Climate change and sustainable development: with special focus on North East India"	17th to 18th May, 2017	Convener
National Seminar on "Chemistry in interdisciplinary research" (NSCIR-2017	16th to 17th March, 2017	Convener
Science Exhibition for School Children (for around 150 participant (under a DST-NCSTC project)	11th November, 2016	Convener
Science Exhibition for School Children (for around 150 participant (under a DST-NCSTC project	31st March, 2015	Convener
Awareness programme on "Water Literacy" in Schools/colleges/villages/university etc. (under a DST-NCSTC project)	November 2014 to 31st March 2017 **[20 No's]**	Convener
Women empowerment programme through Bakery training/ food processing and meat processing training under DST-Women Technology Park	2013 to 2016 **[30 No's]**	Project guide
Women in Scientific Research (3 no's of National Seminar were organized in one year as part of international year of Chemistry in the year 2011)	Nagaland University NEHU, Shillong Guwahati University	Joint-Convener (being Co-PI of the DST-NCSTC project)

COUNTRY VISITED

Germany, France, Italy, Spain, Thailand, USA

Conferences/Workshops attended/presented paper/Invited talk/Resource person etc.

- Speaker in a One day workshop on "From Ideas to Impact : Empowering Meaningful Research in Global and Digital Era" organisied by Organized by Research and Development Cell in collaboration with IQAC, Unity College on 13th May, 2026

- Resource Person in ICSSR sponsored Capacity Building Programme organized by Department of Education, Nagaland University. Title of the talk: Role of Faculty members in institutional growth with reference to NIRF and NEP. Date: 11th May 2026

- Resource Person in ICSSR sponsored Capacity Building Programme organized by Department of Education, Nagaland University. Title of the talk: Research Metricsand Impact. Date: 11th May, 2026

  Keynote Speaker in Two day National Symposium on NEP 2020 implementation in NE Region, organized jointly by all the NITs of North East India. Title of the talk: NEP implementation under Nagaland University. Date : 28th March, 2026.

- Keynote Speaker of the National Conference organized by Salesian College of Higher Education, Dimapur, Nagaland, on "Towards 2047: Making India a Global Power Through Philosophical Engagement at the inauguration programme on 26th March, 2026

- Participated in the National Seminar on "NEP 2020: Policy into Practice to Create a Knowledge Economy" (17–18 March 2026) Organized by Tripura University in collaboration with NIEPA, New Delhi and delivered a talk as Lead Speaker on "Status of Implementation of NEP-2020 in Higher Education: Progress and Challenges in Nagaland.

- Speaker in Ardor COMM Media Group Education Leadership Summit held at Guwahati on 6th February. on the theme "Reimagining Higher Education in the Digital Era: Transformation, Trends & Pathways,"

- Plenary Speaker, National Conference on Harnessing Genetic Resources for Food Security: Innovations in Conservation and Utilization for Sustainable Crop and Livestock Improvement in the North Eastern Region, 17th to 18th November 2025. Title of the talk: Navigating the publication process in multidisciplinary research: NEP prospective

- Resource Person in Faculty Development Programme organized by Department of Industrial Chemistry, Mizoram University in association with Indian Institute of Information Technology, Jabalpur. Title of the talk: The publication process in Multidisciplinary Research: Date: 5th August 2025

- Resource Person in Faculty Development Programme organized by Department of Industrial Chemistry, Mizoram University in association with Indian Institute of Information Technology, Jabalpur. Title of the talk: Strategic Journal Selection for Academic Publishing, Date: 4th August 2025

- Resource Person in a Workshop on "Advances on Research Methodology" Organized by Department of Zoology, Nagaland University during the period 4th-10th March, 2025. Title of the talk: Finding Journals for publication, Date : on 5th March. 2025.

- Resource Person in Faculty Development Programme on "Transformative Research Practices: Advancing Quality and Ethical Standards across Higher Education". Organized by Assam Down Town University, Guwahati during the period 13th-18th December 2024. Title of the talk: Navigating academic publication: Strategies and Best practices

- Resource Person in Nagaland University Research Conclave during the period 3rd to 4th December 2024. Title of the talk: Navigating the publication process in Multidisciplinary Research

- Resource Person on "Conduct rules for Teachers", as part of Prelude Programme to Vigilance Awareness Week-2024, on 18th October 2024

- Invited Talk on "Quality Enhancement in Research Publications" at KBN Collge, Vijaywada, AP, on 3rd July 2024

- Invited Speaker in "International Seminar on need and role of next generation therapeutics" Organised by Sri Siddhartha Pharmacy College, Nuzvid in association with A.P. Akademi of Sciences, on 3rd July 2024. Title of the talk: Photo catalytic degradation of Pharmaceuticals.

- Invited Talk on "Understanding the quality of Research Publications" at Chalaphti College of Pharmaceutical Sciences, Guntur, Andhra Pradesh on 2nd July 2024

- Invited Talk on "Types of Research Publications" at, Vignan Degree & PG College, Guntur, Andhra Pradesh on 2rd July 2024.

- Invited Speaker in a 2-Day International Conference on "New Age Technologies in Therapeutics-2024 (NTT-2024), Organised by Department of Chemistry, PBSCAS, Vijaywada, in association with A.P. Akademi of Sciences during 1st to 2nd July 2024. Title of the talk: Metal doped TiO_2 activated carbon nano composite for photo catalytic degradation of organic pollutants

- Keynote Speaker in "5th Addition of Catalysis, Chemical Engineering and Technology Virtual", 19th April 2024, organised by SCIWIDE. WEBINARS. Title of the talk: Metal doped TiO_2 activated carbon Nano composite for Photo catalytic degradation of Phenol

- Invited Speaker in 2nd International Conference on "Recent Trends in Materials Science and Devices (ICRTMD 2023)", 29-31 December 2023, organized by Research Plateau Publishers and Sat Kabir Institute of Technology & Management, Bahadurgarh (Haryana) India Title of the talk: Photocatalytic degradation of Phenol wastewater by co-doped TiO_2 activated carbon nanocomposite

- Resource Person in Faculty Induction Programme organized by HRDC, Mizoram University on 24th November 2023. Title of the Talk: *Understanding the different aspects of NEP-2020*

- Resource Person in ICSSR sponsored Capacity Development Programme organized by Department of Teacher Education, Nagaland University, during the period 26th October to 6th November 2023. Title of the talk: *Relevance of CBCS in Curriculum Development* (on 6th November 2023)

- Keynote Speaker in NAAC sponsored One day National Seminar on NEP-2020: Challenges & Opportunities in Higher Education, Organized by Immanuel College, Nagaland on 8th September 2023. Title of the talk: *Implementation of NEP-2020 by Nagaland University*

- Resource Person, in a Summer School on "Emerging Trends in Science and Technology" organized by HRDC, Mizoram University during the period 3rd to 16th August. on 4th August. Title of the Talk: *Nuances of Research Publications* (on 4th August 2023).

- Resource Person in a workshop entitled "*Transformative and Enhancement of Quality in higher Education Institution: Perspective of NEP 2020"* organized by St. Joseph's College (Autonomous), Nagaland, during 10th to 11th July 2023.

- Resource Person in a Webinar entitled "NEP-2020: *Guidelines, Implementation and Q&A Session*", organized by Sao Chang College, Nagaland on 7th June 2023.

- Resource Person on "*Implementation of NEP-2020 Issues and Challenges of Higher Education in Nagaland*" as part Webinar Series on NEP-2020, organized by Department of Teacher Education, Nagaland University, on 20th May 2023.

- Resource Person as Director, IQAC on "*Quality Enhancement in Research Publications*" in workshop organized by Department of Chemistry on 19th April 2023 as part of 25 years of celebrations of Chemistry Department.

- Resource person as Nodal Officer, NEP-2020 on "*Preparation of Curriculum and Credit Framework for undergraduate programme*", on 15th March 2023, at Lumami Campus, Nagaland University

- Resource person on "*Status of NEP Implantation by Nagaland University*" at Meirima Campus, Nagaland University on 6th March 2023 as Nodal Officer, NEP-2020, Nagaland University

- Resource Person in "National Workshop on Research Methodology" at Meirima Campus, Nagaland University during 21st Feb to 2nd March 2023, organized by Teacher Education Department, Nagaland University; Title of the talk : *Quality publications in Journals with Impact factor"*

- Invited Lecture in .41st National Conference of Indian Council of Chemists held during the period 27th to 29th December 2022, at Dr. Bhimrao Ambedkar University, Agra Title of the talk: A study on indoor Radon, Thoron and their progeny level by Nuclear Track Detectors: a brief report from the state of Nagaland.

- Represented Nagaland University a Gyanotsav held during the period 17th to 19th December 2022 at PUSA, New Delhi (Attended as Nodal Officer, NEP, Nagaland University)
- Represented Nagaland University in one day workshop held at IIT Guwahati on 26th Nov. 2022, Organized by Ministry of Education and Ministry of Skill Development & Entrepreneurship, Government of India, on Draft National Credit Frame work (NCrF) for North-East Region, India (Attended as Nodal Officer, NEP, Nagaland University)

- Resource person in one day Orientation programme organized by Department of Chemistry, Nagaland University on 31st August 2022. Title of the Talk: P.G. Examination guidelines for Nagaland University
- Resource person in Orientation programme (20th, 21st and 25th April 2022) held at Dimapur, Kohima and Mokokchung on Implementation of NEP 2020 with CBCS at Undergraduate Level: Organized by Nagaland University in collaboration with Directorate of higher Education, Govt. of Nagaland

- Resource person in Awareness Workshop for University Teachers on promotion under Carrier Advancement Scheme 9(CAS) on 29th and 31st March 2022: Organised by IQAC, Nagaland University
- Panel Speaker in a National Workshop on "Up skilling Academicians in Teaching Pedagogy and Research Writing" organized by North Eastern Management Association and Kaziranga University. Jorhat on 26th march, 2022. Title of the Talk: How to Choose a right Research Journal?

- Participated in the Summit of Vice-Chancellor's of North East Central Universities held at Guwahati on 13th Nov. 2021. Delivered a talk on "Good practices in implementation of NEP" on behalf of Nagaland University.

- Resource person in a Webinar on "CBCS: Guideline and Implementation" organized by Sao Chang College, Govt. of Nagaland, on 11th May 2021

- Resource person in One day orientation programme on "Choice Based Credit System", organized by Directorate of Higher Education, Govt. of Nagaland, on 16th April 2021, Title of the Talk: Choice Based Credit System, Guidelines and Implementations

- Invited Speaker on "Training cum Workshop on Academic Administration" Organized by IQAC, Nagaland University during 24th Sept. to 22nd Oct. 2020 Title of the Talk: NAAC ACCREDITATION

- Invited talk on "Choice based Credit System" during the annual conference cum general meeting of Nagaland College Principals Association held on 21st June 2019

- International conference on the theme "Materials for environment, sustainable society and global empowerment-2019" organized by National Environmental Science Academy at Visvesvaraya Technological University, Bangalore during the period 19th to 20th December 2019 (Invited Talk). Title of the talk: Biomass derived activated carbon and its application in water pollution control: experimental and theoretical approach

- National Symposium on "Climate change and sustainable development: with special focus on North East India", 17th to 18th May 2017, Nagaland University (Attended as Convener)

- National Symposium on "Chemistry in interdisciplinary research", 16th to 17th March 2017, Department of Chemistry, Nagaland University (Convener)

- National Seminar on "Climate Change and sustainable development", 18th to 20th October 2013, Nagaland University, Nagaland (Oral Presentation)
- 18th National Symposium on "Solid state nuclear track detectors and their applications", 18th to 20th October 2013, Aggarwal college, Ballabgarh, Haryana. (Oral Presentation)
- National Seminar on "Multidisciplinary Studies, Images, Discourses, and Realities in Contemporary Issues" 4th to 5th Oct 2013, Patkai Christian College, Dimapur, Nagaland. (Invited Speaker)
- International Conference on "Perspective and Challenges in Chemical and Biological Sciences: Innovations Crossroads" by Indian Society of Chemist and Biologist, 28-30 Jan 2012, IASST, Guwahati.
- 30th Annual Conference of ICC, 28th to 30th Dec. 2011, Osmania University, Hydrabad.
- National Conference on "Women in Scientific Research-Examining the challenges and identifying their needs" Department of Chemistry, 23-24 August 2011, Nagaland University,
- International Conference of Chemistry, Bangkok, 11th to 15th June 2011
- Radiation Effects on polymers, October 2004, HMI, Berlin.
- 21st International Conference on Nuclear Tracks in Solids, October 21-25, 2002. India Habitat Centre, New Delhi.
- Second National Symposium in Chemistry, Jan 27-29, 2000, IICT, Hyderabad.
- One day school on Swift Heavy Ions in Materials: Basic phenomena and Applications 23 Oct. 1998, NSC, Delhi.
- International Conference on "Swift Heavy Ion in Materials: Basic phenomena and Applications 22 Oct. 1998, NSC, Delhi
- Regional workshop on Analytical Techniques (Trace Elements) in Earth Sciences, March 12-15, 1997, NEHU, Shillong.
- National workshop on Radiochemistry and applications of Radioisotopes, Dec. 5-13, 1996, NEHU, Shillong.
- 10th National symposium on solid state nuclear track detectors, Oct. 3-5, 1996, Kurukshetra University, Kurukshetra.
- Nuclear and Radiochemistry symposium (NUCAR-95), Feb. 1995, IGCAR, Kalpakkam.
- Regional Workshop on Electron Microscopy from June 28-30, 1994, R.S.I.C., N.E.H.U., Shillong.

RESEARCH & DEVELOPMENT PROJECTS

Sl. No.	Title	Funding Agency	Period
1.	Formation of nano scale structure by swift heavy ion track technology	DST, Under BOYSCAST programme	2003-2004
2.	Chemistry celebrations in Nagaland*	DST, New Delhi (as PI)	2011, One Year
3.	Promotion of water literacy and training on water purification methods in the rural tribal areas of Mokokchung and Zunheboto districts of Nagaland	DST, New Delhi (as PI)	For three years (2013-16)
4.	Gamma induced modifications of polymeric nuclear track detectors	UGC, New Delhi (as PI)	For three Years (2013-2016)
5.	The study of gamma, radon, thoron and their progeny level in Mokokchung and Zunheboto district of Nagaland	DAE-BRNS, Mumbai (as PI)	For two years (2016-2018)

6.	Women in Scientific Research: Examining the Challenges and Identifying Their Needs	DST, New Delhi (as Co-PI)	2011, One Year
7.	Women Technology Park	DST, New Delhi (as Co-PI initially and as PI, since November,2014)	For four years (2013-2016)
8.	DST-FIST (Departmental Programme)	Coordinator	6th Feb.2017 to 25th April, 2019

*Due to some reason the project could not be implemented

RESEARCH GUIDANCE

Ph.D. Guidance

Sl. No.	Name of the Student	Title of the thesis	Status
1.	Dr. Toka Swu	Gamma photon induced modification of some polymers	Awarded in 2009
2.	Dr. Alimenla B.	Studies on quaternary ammonium tribromides and peroxovanadate mediated organic halogenations	Awarded in 2012
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4.	Dr. Chubaakum Pongener	Synthesis of activated carbons from biowaste materials and studies on their characterisation and applications	Awarded in 2017
5.	Dr. Parimal C Bhomick	A study on applications of activated carbon prepared from bio-mass material.	Awarded in 2020
6.	Dr. Champa Gogoi	A study on removal of fluoride and arsenic present in ground water of Golaghat district of Assam and its peripheral areas	Awarded in 2021 (as Co-Supervisor)
7.	Dr. Aola Supong	Studies on surface modifications of activated carbon for removal of organic and biological pollutants from water	Awarded in 2022
8.	Dr. Mridushmita Baruah	Photocatalytic Degradation of Water Pollutants Using Activated Carbon-TiO_2/Metal Doped Activated Carbon-TiO_2 Based Nanocomposite Materials	Awarded in 2022
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