

CURRICULUM VITAE

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Work Address and Experience: -

- A. As an Assistant professor at Department of Chemistry, Ramthakur College, Badharghat, Agartala-799003, Tripura, India **(period of July 2022 to till date)**.
- B. As an Assistant professor at Department of Chemistry, Iswar Chandra Vidyasagar College, Belonia-799155, South Tripura, India **(period of June 2019 to July 2022)**.
- C. As an Assistant professor at Department of Chemistry, Netaji Subhas Mahavidyalaya, Udaipur-799114, Gomati Tripura, India **(period of April 2008 to June 2019)**.
- D. As a Part Time Contract Teacher (PTCT) at Department of Chemistry, M.B.B. College, Agartala-799004, West Tripura, India **(period of July 2007 to April 2008)**.

Academic Training: -

Name of the Course	Title of the Course	Conducted by	Durati on	Sponsoring Agency
Orientation Programme	-----	UGC-Academic Staff College, Jadavpur University, Kolkata, India from 22 nd November to 20 th December 2010.	28 Days	UGC

Workshop	'NMR, Mass, IR and Elemental Analysis techniques'	Central Drug Research Institute (CDRI), SAIF, Lucknow, India from 21 st to 25 th June 2010.	05 Days	CDRI-SAIF
Refresher Course	'Modern Spectroscopy and its Applications'	UGC-HRDC, Dr. Hari Singh Gour Visyavidyalaya, Sagar, Madhya Pradesh, India. From 7 th January to 27 th January 2019.	21 Days	UGC-HRDC
Faculty development programme (FDP)	'Research Methodology'	Internal Quality Assurance Cell, Padm. Dr. V.B. Kolte College of Engineering, Malkapur (Maharashtra), India from 26 th May to 30 th May 2020.	07 Days	IQAC- Padm. Dr. V.B. Kolte College of Engineering
Faculty development programme (FDP)	'COVID-19 and new international order'	Department of political science & public administration, Annamalai University, Annamalai Nagar, Tamil Nadu, India from 22 nd June to 28 th June 2020.	07 Days	Annamalai University, Tamil Nadu
Refresher Course	'Advanced pedagogy'	National Institute of Technical Teachers' Training and Research (NITTTR), Kolkata form 24 th January to 4 th February 2022.	12 Days	NITTTR-Kolkata
Faculty development programme (FDP)	'Chemical Sciences'	Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with IQAC, Miranda House University of Delhi, India from 1 st February to 15 th February 2022.	15 Days	Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

Academic Background:-

- **Ph.D in Organic Chemistry (Natural Products Chemistry), 2014**, Tripura University (A Central University), Suryamaninagar, West Tripura, India.
- **Title of the Ph.D thesis: - Chemical constituents of *Sida glutinosa* and other medicinal plants of Tripura.**
- **Supervisor: - Prof. (Retd.) Biswanath Dinda, Tripura University.**
- **M. Sc. (Chemistry) (specialization in Organic Chemistry): 2003–2005**, Department of Chemistry, Tripura University (A Central University), Suryamaninagar, West Tripura, India. (**First Class**).
- **B. Sc. (Chemistry): 1999–2002**, Department of Chemistry, Tripura University (A Central University), Suryamaninagar, West Tripura, India.

National Achievements: -

- i) Awarded **NET–LS December 2005** under joint UGC-CSIR NET examination.
- ii) Awarded **NET–JRF-CSIR December 2006** under joint UGC-CSIR NET examination.
- ii) Awarded **INSA-Visiting Scientist Programme 2020**.

Area of Interest

- Isolation and characterization of bioactive principles from natural sources.
- Evaluation of pharmacological activity.
- Semi synthesis of bioactive principles.
- Synthesis of Natural Products.
- Click Chemistry on Natural Products.

Instrument Handled: -

1. UV-VIS spectrophotometer.
2. IR.
3. NMR.
4. Mass.
5. Rotary Evaporator.
6. HPLC.
7. HPLC-TLC.

Professional Competence

- Isolation, purification, and structural studies of bioactive molecules.
- Ability to purify the molecules in minor amounts (up to 1 mg).
- Expertise in various column chromatographic methods like traditional CC and HPLC.
- Familiar to run NMR, IR, HRMS, HPLC, rotary evaporator, UV-VIS spectrometers.
- Expertise in analyzing spectroscopic data like ^1H , ^{13}C and 2D NMR (HMBC, HSQC, NOESY, COSY, ROESY, etc.) and Mass spectra.
- Expertise in various computers programs like windows, Excel, Power Point, chemdrawings etc.
- Expertise in various *in-vitro* bio-activity studies of pure compounds as well as plant extracts.

Administrative Training

- Examiner for B.Sc (Chemistry) Pass and Honours (external, internal and central evaluation) of Tripura University, Suryamaninagar, since 2007.
- Question setter for B.Sc (Chemistry) Pass and Honours of Tripura University, Suryamaninagar, since 2009.
- Convener/Joint Convener in Examination Committee of Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura for Tripura University Examinations from June 2013 to May 2019.
- Convener in Research & Seminar Committee of Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura from June 2015 to May 2019.
- Centre Superintendent of Netaji Subhas Mahavidyalaya, Udaipur center for Tripura Board of Joint Entrance Examination from 2015 to May 2017.
- Executive member of RUSA committee of Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura from 2012 to May 2017.
- Convener in Research & Seminar Committee of Iswar Chandra Vidyasagar College, Belonia from January 2020 to July 2022.
- Head of the Department of Chemistry of Iswar Chandra Vidyasagar College, Belonia from January 2021 to July 2022.

Membership in Professional Associations

- Life Member of Tripura Chemical Society, MBB College, Agartala, Tripura.
- Life Member of Indian Science Congress Association.
- Life Member of International Natural Products Science Tusk Force.

Brief Synopsis on Research Interest: -

The enormous growth of molecular biology has created a new awareness on the biochemical potential of natural products. In fact, most of the natural products are the secondary metabolites of versatile chemical structures and are produced by the plants. For this reason, the scientists since ancient time were very interested to isolate the chemical constituents from various medicinal plants and to evaluate their biological activity. Moreover, recent survey of flora and fauna in different parts of India revealed that the north-eastern region of our country is a hot spot of biodiversity due to its strategic location in the sub-Himalayan range and suitable climatological condition. Most of the flora and fauna of this region is still virgin. Many of these plants as well as crude extracts from different parts of many plants are used by the local people for the treatment of various diseases. This fact encouraged me to carry out my research work in the field of natural products chemistry, and also natural resources for the benefit of the mankind.

Scientific Research Paper Publications in Referred Journals:-

1. **Niranjan Das**, Basudev Achari, Yoshihiro Harigaya and Biswanath Dinda. A New Flavonol glucoside from *Sida glutinosa*. ***Journal of Asian Natural Products Research***, Vol. 13, No. 10, October 2011, 965–971.
2. **Niranjan Das**, Jayasree Nath and Biswanath Dinda. Antioxidant Phytochemicals from *Sida glutinosa*. ***Journal of Pharmacy Research***, Vol. 5, Issue 9, September 2012, 4845–4848.
3. Ashish Kumar Singh, Bhaskar Bhattacharjee, **Niranjan Das**, Biswanath Dinda and Debasish Maiti. *Ichnocarpus frutescens* (Linn.) – A Plant with Different Biological

- Activities. *Asian Journal of Pharmaceutical and Clinical Research*, Vol 6, No. 1, 2013, 74–77.
4. **Niranjan Das**, Presanjit Rudrapaul, Indra Ghosh, Ranendu Kumar Nath and Biswanath Dinda. *In vitro* free radical scavenging activity of *Ichnocarpus frutescens* roots. *Indo American Journal of Pharmaceutical Research*, Vol 3, Issue 3, 2013, 2600–2606.
 5. **Niranjan Das**, Partha Sarathi Ghosh, Manash Chandra Das and Biswanath Dinda. A new biologically active triterpenoid saponin from the aerial parts of *Neanotis wightiana*. *Phytochemistry Letters (Elsevier Journal)*, Volume 6, Issue 2, May 2013, 270-273.
 6. Partha Sarathi Ghosh, **Niranjan Das** and Biswanath Dinda. Antioxidant flavone glycosides and other constituent from *Premna latifolia* leaves. *Indian Journal of Chemistry, Section B*, 53B, June 2014, 746–749.
 7. Prashanta Kumar Deb, **Niranjan Das**, Ranjib Ghosh and Tejendra Bhakta. Evaluation of *In-vitro* Antioxidant and Anthelmintic Activity of *Solanum indicum* Linn. Berries. *Indo American Journal of Pharmaceutical Research*, Vol 3, Issue 5, 2013, 4123–4130.
 8. Prasenjit Rudrapaul, **Niranjan Das**, Utpal Chandra De and Biswanath Dinda. New 19 α -Hydroxyursane-type triterpenes from the leaves of *Meyna spinosa* (= *Vangueria spinosa*), Rubiaceae. *Phytochemistry Letters (Elsevier Journal)*, Vol 9, September 2014, 7–10.
 9. **Niranjan Das**, Manash Chandra Das and Biswanath Dinda. Liver function & lipid metabolic enzyme activity kinetics effect study of phytochemicals from *Sida glutinosa*. *International Journal of Pharmacognosy and Phytochemical Research*, Vol 6(1), 2014, 91–96.
 10. Chaitali Sarkar, Sudipta Pal, **Niranjan Das** and Biswanath Dinda. Ameliorative effects of oleanolic acid on fluoride induced metabolic and oxidative dysfunctions in rat brain. An experimental and biochemical study. *Food and Chemical Toxicology*, Vol. 66, 2014, 224–236.

11. Chaitali Sarkar, **Niranjan Das**, Sudipta Pal and Biswanath Dinda. Oxidative stress induced alteration of protein and nucleic acid metabolism in fluoride-intoxicated rat brain: Protection by 3 α -hydroxy olean-12-en-27-oic acid isolated from *Neanotis wightiana*. ***International Journal of Pharmaceutical Sciences and Research***, Vol. 5(7), 2014, 3047–3066.
12. Prasenjit Rudrapaul, Indrajit Sil Sarma, Niranjan Das, Utpal Chandra De, Surajit Bhattacharjee and Biswanath Dinda. New flavonol methyl ether from the leaves of *Vitex peduncularis* exhibits potential inhibitory activity against *Leishmania donovani* through activation of iNOS expression. ***European Journal of Medicinal Chemistry***, 87 (2014), 328-335.
13. **Niranjan Das**, Tapasi Saha and Surajit Bhattacharjee. A new biologically active ecdysteroid from the aerial parts of *Sida glutinosa*. ***Journal of Pharmacognosy and Phytochemistry***, 3(5), 2014, 73-78.
14. Biswanath Dinda, **Niranjan Das**, Subhajit Dinda, Manikarna Dinda and Indrajit SilSharma. The genus *Sida* L. A traditional medicine: Its ethnopharmacological, phytochemical and pharmacological data for commercial exploitation in herbal drug industry (A Review). ***Journal of Ethnopharmacology***, 176(2015), 135–176.
15. **Niranjan Das**, Tapasi Saha and Biswanath Dinda. A new antifungal aliphatic from the aerial parts of *Sida glutinosa*. ***Chemistry of Natural Compounds***, May 2016, 52(3), 388-390.
16. Antu Das, Manash C. Das, Padmani Sandhu, Niranjan Das, Prosun Tribedi, Utpal C. De, Yusuf Akhter and Surajit Bhattacharjee. Antibiofilm activity of *Parkia javanica* against *Pseudomonas aeruginosa*: a study with fruit extract. ***RSC Advances***, 7, 2017, 5497–5513.
17. Antu Das, Manash C Das, **Niranjan Das** and Surajit Bhattacharjee. Phytochemical screening and antileishmanial activity of *Sterculia villosa* Roxb: A study with methanolic bark extract. ***Pharmaceutical Biology***, 55 (1), 2017, 998–1009.
18. **Niranjan Das**, Atanas G. Atanasov, Prashanta Kumar Deb, Andrei Mocan, Seyed Mohammad Nabavi, Ranjib Ghosh, Biswanath Dinda. Hepatoprotective naphthalene diglucoside from *Neanotis wightiana* aerial parts. ***Phytomedicine***, 33, 2017, 14–20.

19. José Williams Gomes de Oliveira Filho, Muhammad Torequl Islam, Eunos S. Ali, Subrata Shaw, **Niranjan Das**, Vijai K. Gupta, Andrei Mocan, Atanas G. Atanasov, et. al, A comprehensive review on biological properties of Citrinin. *Food and Chemical Toxicology*, 110, 2017, 130–141.

20. **Niranjan Das**, Abhijit Bhattacharya, Sudip Kumar Mandal, Utsab Debnath, Biswanath Dinda, Partha Palit. Protective effects of the *Ichnocarpus frutescens* roots derived phyto-sterols against inflammation and pain, aided with docking study. *Steroids*, 139, 2018, 18–27.

21. Anticancer perspectives of the fungal-derived polyphenolic hispolon. Muhammad Torequl Islam, Eunos S. Ali, Ishaq N. Khan, Subrata Shaw, Shaikh Jamal Uddin, Razina Rouf, Shrabanti Dev, Seyed Soheil Saeedi Saravi, **Niranjan Das**, Swati Tripathi, Santosh U. Yele, Asish Kumar Das, Jamil A. Shilpi, Siddhartha Kumar Mishra, & Mohammad S. Mubarak. *Anti-Cancer Agents in Medicinal Chemistry*, 20, 2020, 1636-1647.

22. The analgesic potential of glycosides derived from medicinal plants. Haroon Khan, Aini Pervaiz, Sebastiano Intagliata, **Niranjan Das**, Kalyan C. Nagulapalli, Venkata, Atanas G. Atanasov, Agnieszka Najda, Seyed Mohammad Nabavi, Dongdong Wang, Valeria Pittalà & Anupam Bishayee. *DARU Journal of Pharmaceutical Sciences*, 2020, 28, 387–401.

23. Berberine, a popular dietary supplement for human and animal health: Quantitative research literature analysis - a review. Andy Wai Kan Yeung, Ilkay Erdogan Orhan, Bharat Bhushan Aggarwal, Maurizio Battino, Tarun Belwal, Anupam Bishayee.....**Niranjan Das**, Nikolay T. Tzvetkov, Atanas G. Atanasov. *Animal Science Papers and Reports*, 38 (1), 2020, 5-19.

24. Targeting cancer cells with nanotherapeutics and nanodiagnosics: Current status and future perspectives. Eunos S. Ali Shazid Md. Sharker, Muhammad Torequl Islam, Ishaq N. Khan, SubrataShaw, Md. Atiqur Rahman, Shaikh Jamal Uddin, Manik Chandra Shill, Shahnawaz Rehman, **Niranjan Das**, Saheem Ahmad, Jamil A. Shilpi, Swati Tripathi, Siddhartha Kumar Mishra, Mohammad S. Mubarak. *Seminars in Cancer Biology*, 69, 2021, 52-68. <https://doi.org/10.1016/j.semancer.2020.01.011>

25. The Phytochemical, biological and medicinal attributes of phytoecdysteroids: An updated review. **Niranjan Das**, Siddhartha Kumar Mishra, Eunüs S. Ali, Anusee Bishayee and Anupam Bishayee. *Acta Pharmaceutica Sinica B*, 11, 2020, 1740-1766. <https://doi.org/10.1016/j.apsb.2020.10.012>
26. Bilal Mirza, Courtney R. Croley, Maha Ahmad, Joshua Pumarol, **Niranjan Das**, Gautam Sethi & Anupam Bishayee (2020): Mango (*Mangifera indica* L.): a magnificent plant with cancer preventive and anticancer therapeutic potential, *Critical Reviews in Food Science and Nutrition*, 61, 2021, 2125-2151. doi: 10.1080/10408398.2020.1771678
27. Sudip Kumar Mandal, Amal Kumar Maji, Siddhartha Kumar Mishra, Pir Mohammad Ishfaq, Hari Prashed Devkotad, Ana Sanches Silva, **Niranjan Das**. Goldenseal (*Hydrastis canadensis* L.) and its active constituents: A critical review of their efficacy and toxicological issues. *Pharmacological Research*, 160, 2020, 105085. <https://doi.org/10.1016/j.phrs.2020.105085>
28. Rajan Logesh, **Niranjan Das**, Anjana Adhikari-Devkota and Hari Prasad Devkota. *Cocculus hirsutus* (L.)W.Theob. (Menispermaceae): A Review on Traditional Uses, Phytochemistry and Pharmacological Activities. *Medicines*, 7, 2020, 0069; doi:10.3390/medicines7110069
29. Danielle De Greef, Emily M. Barton, Elise N. Sandberg, Courtney R. Croley, Joshua Pumarol, Tin Lok Wong, **Niranjan Das**, Anupam Bishayee. Anticancer potential of garlic and its bioactive constituents: A systematic and comprehensive review. *Seminars in Cancer Biology*, 73, 2021, 219–264. Doi.org/10.1016/j.semcancer.2020.11.020
30. Andy Wai Kan Yeung, Dongdong Wang, Amr El-Demerdash, Olaf K. Horbanczuk, **Niranjan Das**, Vasil Pirgozliev, Massimo Lucarini, Alessandra Durazzo, Eliana B. Souto, Antonello Santini, Hari Prasad Devkota, Md. Sahab Uddin, Javier Echeverría, Khalid El Bairy, Paweł Leszczyński, Hiroaki Taniguchi, Artur Józwiak, Jarosław Olav Horbańczuk, Sabine Völkl-Kernstock, Atanas G. Atanasov. Animal versus human research reporting guidelines impacts: literature analysis reveals citation count bias. *Animal Science Papers and Reports*, 38 (1), 2021, 5-18.

31. Andy Wai Kan Yeung, Nikolay T. Tzvetkov, Amr El-Demerdash, Olaf K. Horbanczuk, **Niranjan Das**, Vasil Pirgozliev, Massimo Lucarini, Alessandra Durazzo, Eliana B. Souto, Antonello Santini, Hari Prasad Devkota, Md. Sahab Uddin, Javier Echeverría, Dongdong Wang, Ren-You Gan, Mladen Brnčić, Reni E. Kalfin, Lyubka P. Tancheva, Devesh Tewari, Ioana Berindan-Neagoe, Silvestre Sampino, Nina Strzałkowska, Joanna Marchewka, Artur Józwick, Jarosław Olav Horbańczuk, Atanas G. Atanasov. Apple polyphenols in human and animal health. *Animal Science Papers and Reports*, 39 (2), 2021, 1-14.
32. Sarah Jamieson, Carly E. Wallace, **Niranjan Das**, Piyali Bhattacharyya, and Anupam Bishaye. Guava (*Psidium guajava* L.): a glorious plant with cancer preventive and therapeutic potential. *Critical Reviews in Food Science and Nutrition*, 2021. <https://doi.org/10.1080/10408398.2021.1945531>
33. Andy Wai Kan Yeung, Neeraj Choudhary, Devesh Tewari, Amr El-Demerdash, Olaf K. Horbanczuk, **Niranjan Das**,, Atanas G. Atanasov. Quercetin: total-scale literature landscape analysis of a valuable nutraceutical with numerous potential applications in the promotion of human and animal health – a review. *Animal Science Papers and Reports*, 39 (3), 2021, 199-212.
34. Hari Prasad Devkota, Keshav Raj Paudel, Md. Mahadi Hassan, Amina Ibrahim Dirar, **Niranjan Das**, Anjana Adhikari-Devkota, Javier Echeverría, Rajan Logesh, Niraj Kumar Jha, Sachin Kumar Singh, Philip M. Hansbro, Yinghan Chan, Dinesh Kumar Chellappan, and Kamal Dua. Bioactive Compounds from *Zingiber montanum* and Their Pharmacological Activities with Focus on Zerumbone. *Applied Sciences*, 11, 2021, 10205. <https://doi.org/10.3390/app112110205>
35. **Niranjan Das**, Andréia C. F. Salgueiro, Debasish Roy Choudhury, Sudip Kumar Mandal, Rajan Logesh, Md. Mahadi Hassan, and Hari Prasad Devkota. Traditional uses, phytochemistry, and pharmacology of genus *Vitex* (Lamiaceae). *Phytotherapy Research*, 2021;1–101. doi: 10.1002/ptr.7330
36. Anupam Bishayee, Palak A. Patel, Priya Sharma, Shivani Thoutireddy, and **Niranjan Das**. Lotus (*Nelumbo nucifera* Gaertn.) and Its Bioactive Phytocompounds: A Tribute to Cancer Prevention and Intervention. *Cancers*, 14, 2022, 529. <https://doi.org/10.3390/cancers14030529>

37. **Niranjan Das**, Prashanta Kumar Deb, Eunus S. Ali, Manash C. Das, Biswatrish Sarkar & Siddhartha Kumar Mishra. Anti-Proliferative Naphthalene Glucoside from Aerial Part of *Neanotis wightiana*. **Chemistry of Natural Compound**, 58,2022, 21–26. <https://doi.org/10.1007/s10600-022-03591-3>.
38. Hari Prasad Devkota, Keshav Raj Paudel, Shristi Khanal, Ananda Baral, Nisha Panth, Anjana Adhikari-Devkota, Niraj Kumar Jha, **Niranjan Das**, Sachin Kumar Singh, Dinesh Kumar Chellappan, Kamal Dua, and Philip M. Hansbro. Stinging Nettle (*Urtica dioica* L.): Nutritional Composition, Bioactive Compounds, and Food Functional Properties. **Molecules**, 2022, 27, 5219. <https://doi.org/10.3390/molecules27165219>

Edited Book:-

1. **Niranjan Das**, Title of the Book = **Natural Products' Chemistry**, *Write and Print Publications*, New Delhi-110015, India, Year of Publication-2017, ISBN: 9789386283542

Chapter in Edited Book:-

1. **Niranjan Das**, *Ichnocarpus frutescens*-A Promising Medicinal Plant of Tripura. **Natural Products' Chemistry**, *Write and Print Publications*, New Delhi-110015, India., 2017, pp.78-94. ISBN: 9789386283542
2. **Niranjan Das**, Phytochemistry and Pharmacology of Naturally Occurring C-Glycosides- An Update Review. **Natural Products' Chemistry**, *Write and Print Publications*, New Delhi-110015, India., 2017, pp. 100-119. ISBN: 9789386283542
3. Hari Prasad Devkota, Anjana Adhikari-Devkota, Tarun Belwal, Rajan Logesh, **Niranjan Das**, Prakash Poudel, Dhaka Ram Bhandari, and Rainer W. Bussmann. *Curcuma aromatica* Salisb. *Curcuma longa* L. *Curcuma zedoaria* (Christm.) Roscoe Zingiberaceae. **Springer Nature Switzerland AG** 2021. R. Kunwar et al. (eds.), Ethnobotany of the Himalayas, Ethnobotany of Mountain. Regions, https://doi.org/10.1007/978-3-030-45597-2_70-1

4. **Niranjan Das**, Akash Dey, Sudip Kumar Mandal, Debanjan Chatterjee, Rajan Logesh, and Hari Prasad Devkota, Rajan Logesh, and Niranjan Das. Secondary metabolites of clove (*Syzygium aromaticum*). **Elsevier**, June 2022. Book chapter No-10. Clove (*Syzygium aromaticum*) Chemistry, Functionality and Applications. <https://doi.org/10.1016/B978-0-323-85177-0.00020-3>
5. Hari Prasad Devkota, Rajan Logesh, and **Niranjan Das**. Health-promoting activities of clove (*Syzygium aromaticum*). **Elsevier**, July 2022. Book chapter No-11. Clove (*Syzygium aromaticum*) Chemistry, Functionality and Applications. <https://doi.org/10.1016/B978-0-323-85177-0.00020-3>
6. Rajan Logesh, **Niranjan Das**, and Hari Prasad Devkota. Food applications of clove (*Syzygium aromaticum*) buds. **Elsevier**, July 2022. Book chapter No-13. Clove (*Syzygium aromaticum*) Chemistry, Functionality and Applications. <https://doi.org/10.1016/B978-0-323-85177-0.00020-3>

Seminar Proceeding:-

1. **Niranjan Das** and Biswanath Dinda. Chemical Constituents of *Sida glutinosa*, **Proceedings of National Seminar on Scope and Recent Development of Natural Products**. Organised by Iswar Chandra Vidyasagar College, Belonia, South Tripura, 12-13th November, 2010, PP. 90-99.

Research Project Completed:-

- 1 University Grants Commission, North Eastern Regional Office was sanctioned a Minor Research Project entitled 'Chemical Constituents of *Sida glutinosa*, and some other medicinal plants of Tripura and study of their biological activity' vide sanction No. F. 5-32/2010-11/MRP/NERO/3600.

Paper/Abstract Presentation in National/International

Seminar/Conferences:-

1. **Niranjan Das** and Biswanath Dinda. **Chemical Constituents of *Sida glutinosa***. National Seminar on Scope & Recent Development of Natural Products, Organized by Iswarchandra Vidyasagar College, Belonia, South Tripura, 12-13th November 2010, **P-3**.
2. **Niranjan Das** and Biswanath Dinda. **Phytochemical Investigation of *Sida glutinosa***. International Conference on Emerging Areas of Chemistry, Organized by Department of Chemistry, Tripura University, Suryamaninagar, Agartala, 12-14th January, 2011, **P-32**.
3. Amitabha Saha and **Niranjan Das**. **Induction of Metachromasia by Aloe-Polysaccharide in Neutral Red**. International Conference on Emerging Areas of Chemistry, Organized by Department of Chemistry, Tripura University, Suryamaninagar, Agartala, 12-14th January, 2011, **P-41**.
4. **Niranjan Das**, Jayasree Nath and Biswanath Dinda. **Antioxidant activity of isolated phytochemicals from *Sida glutinosa***. National Seminar on Green Chemistry & Nanoscience: Theory and Applications, Organized by Department of Chemistry, MBB College, Agartala-799004, West Tripura in collaboration with Department of Chemistry, National Institute of Technology, Agartala- 799055, West Tripura, 20-21st July 2012, **P-33**.
5. **Niranjan Das**, Partha Sarathi Ghosh and Biswanath Dinda. **Antioxidant flavone glycoside from *Premna latifolia* leaves**. National Seminar on Recent Trend in Environmental Research & Management, Organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura, 8-9th September 2012.
6. Ashish Kumar Singh, Bhaskar Bhattacharjee, **Niranjan Das**, Biswanath Dinda and Debasish Maiti. ***Ichnocarpus frutescens* (Linn.) – A Plant with Different Biological Activities**. National Seminar on Recent Trend in Environmental Research & Management, Organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura, 8-9th September 2012.

7. Debasish Maiti, Ashish Kumar Singh, Bhaskar Bhattacharjee, **Niranjan Das** and Biswanath Dinda. **Study of Some Biological Properties of 24(28)-Dehydromakisterone A, An Active Compound of *Sida glutinosa* (Malvaceae).** Third National Symposium on earthworm Ecology and Environment (NSEEE- 3), Organized by Department of Zoology, Tripura University in collaboration with SEEER & Tripura Biodiversity Board (TBB), Agartala, Tripura (w); November 9-11, 2012, **P-20.**
8. **Niranjan Das**, Indra Ghosh, Ranendu Kumar Nath and Biswanath Dinda. ***Ichnocarpus frutescens* (L) roots – A rich source of antioxidants.** 100th Indian Science Congress, Kolkata, 2013.
9. Prashanta Kumar Deb, **Niranjan Das**, Rajat Ghosh, Nilanjana Deb, Sudipta Chanda, Shila Elizabeth Besra. **Apoptotic Activity of BNW-8 Isolated from *Neanotis wightiana* on Human Leukemic Cell Lines.** Haematocon-2013, Organized by Indian Society of Haematology and Blood Transfusion, 7th to 10th November 2013, Mumbai, India.
10. Prashanta Kumar Deb, **Niranjan Das**, Rajat Ghosh, Tejendra Bhakta, Shila Elizabeth Besra. **CNS Depressant Activity of β -Carbolene Alkaloid (BNW-8) Isolated from *Neanotis wightiana*.** International conference on Environment, Health and Industrial Biotechnology, Organized by Department of Biotechnology, Motilal Nehru National Institute of Technology, Allahabad, November 21–23, 2013, **P-374.**
11. Manash Chandra Das, Antu Das, Prosun Tribedi, **Niranjan Das** and Surajit Bhattacharjee. **Potentiality of flavones compound in attenuation of bacterial biofilm: A study with Vitexin.** CME: Immunology (Immune responses against infactious diseases), Organized by Department of Molecular Biology and Bioinformatics, Tripura University (A Central University), Suryamaninagar, Agartala, April 17th and 18th, 2015, **P-22.**
12. **Niranjan Das**, Manash Chandra Das, Surajit Bhattacharjee and Biswanath Dinda. **New ecdysteroid from the aerial parts of *Sida glutinosa*.** CME: Immunology (Immune responses against infactious diseases), Organized by Department of Molecular Biology and Bioinformatics, Tripura University (A Central University), Suryamaninagar, Agartala, April 17th and 18th, 2015, **P-23.**

13. Antu Das, Manash Chandra Das, **Niranjan Das** and Surajit Bhattacharjee. **Extraction and isolation of phytochemicals from stem bark of *Sterculia villosa* Roxb. A Phytochemical Screening.** National Seminar on 'Biodiversity for Sustainable Development', Organized by Tripura Biodiversity Board (TBB) and Department of Botany, Tripura University (A Central University), Suryamaninagar, Agartala, May 25th and 26th, 2015, **P-32.**
14. **Niranjan Das**, Presanta Kumar Deb, Manash Chandra Das and Biswanath Dinda. **Cytotoxic and hepatoprotective naphthalene glucoside from *Neanotis wightiana* aerial parts.** National Seminar on 'Recent Trends of Research in Chemistry-A New Horizon of Hopes', Organized by Department of Chemistry, Women's College, Agartala, August 8th and 9th, 2015, **P-18.**
15. Manash Chandra Das, Antu Das, **Niranjan Das**, Utpal Chandra De and Surajit Bhattacharjee. **Vitexin in combination with azithromycin and gentamicin synergistically attenuate bacterial biofilm.** National Seminar on 'Recent Trends of Research in Chemistry-A New Horizon of Hopes', Organized by Department of Chemistry, Women's College, Agartala, August 8th and 9th, 2015, **P-27.**
16. Manash Chandra Das, Antu Das, Prasenjit Rudrapaul, **Niranjan Das**, Utpal C. De and Surajit Bhattacharjee. **Attenuation of *Pseudomonas aeruginosa* biofilm formation by flavone compound Vitexin: A synergistic study of vitexin in combination with azithromycin and gentamicin.** National Seminar on 'Recent Advances in Natural Products Chemistry for Drug Discovery', Organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura, November 28th and 29th, 2015, **P-25.**
17. Partha Sarathi Ghosh, **Niranjan Das** and Biswanath Dinda. **Triterpenoids from the stem-bark of *Dillenia indica* Linn.** National Seminar on 'Recent Advances in Natural Products Chemistry for Drug Discovery', Organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura, November 28th and 29th, 2015, **P-34.**
18. **Niranjan Das**, Tapasi Saha and Biswanath Dinda. **A new antifungal aliphatic from the aerial parts of *Sida glutinosa*.** National Seminar on 'Recent Advances in Natural Products Chemistry for Drug Discovery', Organized by Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura, November 28th and 29th, 2015, **P-40.**

Seminar Organised:-

- Perform duties as a **Convener cum Organizing Secretary** for Organizing two days (28th and 29th November, 2015) National Seminar on 'Recent Advances in Natural Products Chemistry for Drug Discovery' at Netaji Subhas Mahavidyalaya, Udaipur-799114, Tripura, India sponsored by Indian Council of Medical Research (**ICMR**), Department of Science and Technology (**DST**), Department of Bio-Technology (**DBT**), Indian National Science Academy (**INSA**), Oil and Natural Gas Corporation (**ONGC**), State Bank of India (**SBI**) and **State DST**, Tripura.
