

Individual Profile of the Faculty Members.

Dhing College: Nagaon(Assam)

(Accredited B⁺ by NAAC.



1. Name of the Faculty: Dr. Manoj Kumar Saikia

2. Department: Botany

3. Designation: Associate Professor

4. Educational Qualification: M.Sc.B.Ed. Ph.D

5. Experience: 22 Years

6. No. of Publications:

Email: saikiam24@yahoo.com

Phone No:9435162662(M)/8638074107(M)



Years	No. of Publications			
	In Journals	In proceedings	In Books	In Chapters
2012-2020	17(Nat & Int)	22	02	0

7. No of Participations:

Years	No. of Participations			
	National S/C/W	International S/C/W	In State S/C/W	Local/Institutional Level (S/C/W)
1998-2020	07	01	17	14

8.No of RC/OC/STC Completed:

Years	No. of OC/RC/STC Completed				
	OC	RC	STC	Others if any	Total
1998-2020	01	03	01	0	05

9. No of Research Project Completed /Ongoing:

Years	No. of Research Project Completed/ongoing				
	Minor Project	Major Project	Sponsored Research	Survey Work if any	Total
2009-2020	01	03	01	0	05

10. No of Participation as Resource Person /Invited Lecturer:

Years	No. of participation as Resource person/ Invited lecturer				
	Resource	Key Note	Guest lecturer		Total

	Person	Speaker		
2009-2020	03	01	02	02

11. No of achievement /award s/Patents if any

	No. achievement/award/Patents if any			
Years	Achievements	Awards/Prize	Patents	Total
1998-2020	0	01	0	01

12. Involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development:

	Involvement in CR/Syllabus		
Years	Syllabus	Curriculum	Total
1998-2020	02		02

13. Award of PhD/M.Phil in the year as stated below

	PhD/M.Phil			
Years	PhD awarded	Ph.D Registered	M.Phil awarded	Total
2012	Ph.D. Awarded			1

14. **TITLES** of all research paper published during **2015-2020** by the faculty & associated research personels.

1. "Algal Indices to predict Pulp and Paper Mill pollution load of Elenga Beel (wetland) of Assam (India)". ***Asian Journal of. Experimenal Biol.Sci.vol 1(4).2010:815-821. ISSN. NO-0975-5858***
2. "An experimental investigation on growth stimulation(+) and inhibition(-) of algae (Oscillatoria Chlorina and Scenedesmus Quadricauda)treated with pulp and paper mill effluents". ***International J. of Applied Biology and Pharmaceutical Technology. vol 2.Issue 4: 2011: 87-94. ISSN. NO-0976-4550. Impact factor-0.9967***
3. "PCR detection of STX1 and STX2 toxigenic genes in multiple antibiotic resistant E. coli population and phenotypic detection of ESBL producing E coli isolates from local variety of poultry". ***International J of Applied Biology and Pharmaceutical Technology vol2.Issue 3:2011:593-602. ISSN. NO-0976-4550. Impact factor-0.9967***
4. "Algal Toxicity Test procedure for water quality monitoring programme". ***Proc. of UGC sponsored workshop: Field work in Environmenal Studies :2010 Dhing College , page:70-74. ISBN:01-904177-3-0***

5. "Communicable diseases among rural population: A case study of selected villages in Northern Nagaon district of Assam". **Proc. of national seminar on communicable diseases in North east India with Emphasis on HIV /AIDS and Malaria .2007: 27-35**
6. 'Biomonitoring of algal flora of Elenga Beel". **Paper presented at 55 annual Technical session of Assam Science Society held at G.U**
7. "Structural and physico-chemical correlation of algal community of a water body affected by pulp and paper mill effluents". **Paper published in Global Journal of Science Frontier Research (GJSFR) Cambridge, USA Vol.12 June, 2012 version 5. Page 1-11**
8. "Biological tools for computation of physico-chemistry of a wetland affected by pulp and paper mill effluents". **Paper accepted for publication in Journal of Biological and Chemical Research, Vol.29.No-1: pp.52-66(2012)**
9. A Microbiological analysis of Soil affected by fertilizer plant, Assam, India. **Asian Academic Research Journal Multidisciplinary, Issue 1, Vol 27 page 573-581(2014), ISSN-2319-2801, Imfact factor-1.023**
10. Effect of Cell phone radiation on the germination of seedlings of Wheat (*Triticum aestivum*), Page 214-221/2014 . **Proceedings of UGC sponsored National workshop on Mobile phone radiation on environment organized by Dhing College, Nagaon: Assam**
11. A study of Impact of Effluent of Paper Mill on Plants with special reference to Chlorophyll Content. **World Journal of Biology and Medical Sciences. Vol 1(3) (Paper accepted for Publication)/2014**
12. Diversity of Bacterial Tissues in Fishes from two **Traditional Fish Markets in Nagaon, Assam (India) Vol 31(1)/2014 Journal of Biological and Chemical Research. ISSN-2319-3077, Impact factor-0.756**
13. In silico binding studies of *Oxalis corniculata* with *Raslonia solanacearum* protein and histone deacetylase 8 protein. **International Journal of applied biology and pharmaceutical technology. Vol 6. Issue 2 April-June15. ISSN:0976-4550**
14. What steps to observe night sky? Proceedings of District level Science and mathematics Exhibition, Night sky observation and seminar programme **Axom sarba siksha abhijan mission, Nagaon. ISBN: 978-93-82569-13-8**

15. Kataki.M & Saikia.K.M, 2016: Screening ADME-Toxicity Test of Oxalis corniculata for its Potential Antibacterial Activity, **World Journal of Biology and Medical Sciences**, Volume (2): 2, 82-97
16. Kataki.M & Saikia.M.K., 2015: In silico binding studies of Oxalis corniculata compounds with Ralstonia solanacearum proteins and histone deacetylase 8 protein. **International journal of drug research and technology**(5): 1, 13-23
17. Survey and Screening of Fungal Air spora in vegetable market environment of Dhing and Moirabari.in Nagaon, Assam **International Journal of Clinical chemistry and Laboratory Medicine**.
18. Kataki.M and Saikia.K.M: Study of In-vitro Propagation in *Citrus Sp.* **Proceedings of State level conference on “Prospect of Applied Ethnobotany in North Eastern Region of India”** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 19 and 21 June 2017,111-120
19. Kataki.M and Talukdar.U: Cultivation and Conservation of Ethno-Medicinal Plants of Dhing Area. **Proceedings of State level conference on “Prospect of Applied Ethnobotany in North Eastern Region Of India”** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 21 June 2017.Page 82-90
20. Ahmed.R, Kalita.R.S, Bahar.N.F, Ahmed.M, Nath.K.S, Amin.N: A survey of some Ethno-medicinal Plant used in Sutirpar Area near Juria of Nagaon District of Assam. **Proceedings of State level conference on “Prospect of Applied Ethnobotany in North Eastern Region Of India”** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 21 June 2017. Page 94-100
21. Baruah.M.P, Debnath.S, Das.N, Bhuttu.B, Saikia.H, Nath. K.S: Study of some Ethno-Medicinal Plant of Dhing Locality, Nagaon, Assam. **Proceedings of State level conference on “Prospect of Applied Ethnobotany in North Eastern Region Of India”** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 21 June 2017.Page 101-110.
22. Talukdar.U, Saikia.K.M:Ethno Botanical Study on Medicinal Plants used by local people of Bordowa. **Proceedings of State level conference on “Prospect of Applied Ethnobotany in North Eastern Region Of India”** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 21 June 2017. Page 121-125.

23. Kakati.M and Saikia.K.M: Screening of ADME-TOX test for citrus sp for its potential antimicrobial property. ***Proceedings of State level conference on “Herbal Medicine A Rational Approach In Health Care System With Special Reference To North-East India”*** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 19 June 2017. Page 91-112
24. Talukdar.U and Saikia.K.M: Herbal medicinal plants as a source of new drugs of Dhing Nepaligaon. ***Proceedings of State level conference on “Herbal Medicine A Rational Approach In Health Care System With Special Reference To North-East India”*** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 19 June 2017. Page 113-119
25. Das.J, Sarmah.S and Saikia.K.M: A study on larvicidal effect of herbal plant extract against Malaria. ***Proceedings of State level conference on “Herbal Medicine A Rational Approach In Health Care System With Special Reference To North-East India”*** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 19 June 2017. Page 144-155.
26. Das.J, Sarmah.S and Saikia.K.M. Application of Biotechnological Tools for Conservation of Endangered Species of Assam. ***Proceedings of State level conference on “Wildlife Trafficking and Concern to Biodiversity of North East India”*** conducted by Dept of Zoology, Dhing College, Nagaon, Assam, held during 17 June 2017. Page 143-152
27. Katakai.M and Saikia.K.M: Wildlife trafficking in Assam: A Critical analysis. ***Proceedings of State level conference on “Wildlife Trafficking and Concern to Biodiversity of North East India”*** conducted by Dept of Botany, Dhing College, Nagaon, Assam, held during 17 June 2017. Page 180-187.
28. Katakai.M, Talukdar.U, Saikia.K.M: Consequences of Noise Pollution On Wild Life: A Review. ***Proceedings of State level conference on “Impact Of Noise Pollution On Environment with special reference to Traffic Noise:*** conducted by Dept of Physics, Dhing College, Nagaon, Assam, held during 17 June 2017. Page 128-13
29. Sarmah.S, Das.J, **Saikia.K.M**: A Review on the effect of Noise Pollution on Human Health: ***Proceedings of State level conference on “Impact Of Noise Pollution On Environment with special reference to Traffic Noise:*** conducted by Dept of Physics, Dhing College, Nagaon, Assam, held during 17 June 2017. Page 210-217.

30. Saikia.K.M, Kataki.M, Baruah.R. 2018: Impact of Pollution on Diversity of *Cyanobacteria* in Nearby Areas of Pulp, Oil and Fertilizer Factories of Assam (India). **Journal of Pollution effect & control**.6(1): 209 DOI: <https://doi.org/10.4172/2375-4397.1000209>

15. Number of FDP Programme /Course attended.

Sl. No.	Name of Course attended	Sponsoring Institution	Duration
1	<i>Orientation Course</i>	<i>Patna University</i>	24/05/2000-20/06/2000
2	<i>Refresher Course</i>	<i>Gauhati University</i>	19/01/2004-08/02/2004
3	<i>Refresher Course</i>	<i>Gauhati University</i>	06/06/2005-26/06/2005
4	<i>Refresher Course</i>	<i>Gauhati University</i>	10/03/2008-30/03/2008
5	<i>Short term Course</i>	<i>Gauhati University</i>	04/10/10-08/10/10
6	<i>Teacher Fellowship under FIP(UGC)11th Plan Period</i>	<i>UGC</i>	2007

16. Research Projects Undertaken (other than that for a research degree) (Please indicate separately for each project)

S L	Title/Subject of Research Project(s)	Major/ Min.	Date Start	Date of Completion	Total Grants (Rs.)	Name of Sponsoring/ Funding Agency	Whether Outcome / Outputs sent to Sponsoring Govt. Agency	Whether final report published as monograph book
1	<i>“Ex-situ cultivation of Medicinal plants raising nursery cum Green house chamber” [Worked as Co-PI]</i>	<i>Major</i>	<i>2007</i>	<i>2011 Completed</i>	<i>12 lakh</i>	<i>NMPB Govt. of India</i>	<i>Yes</i>	<i>Not</i>
2	<i>“Project on Establishment of Institutional Biotech Hub” at Dhing College [Worked as PI]</i>	<i>Major</i>	<i>2010</i>	<i>Completed</i>	<i>1.21 crore</i>	<i>DBT Govt. of India</i>	<i>Yes</i>	<i>Paper Published</i>
3	<i>“Impact of Paper Mill effluents on Algae”</i>	<i>Minor</i>	<i>2005</i>	<i>2006</i>	<i>0.75Lakh</i>	<i>UGC</i>	<i>Yes</i>	<i>Paper Published</i>
4	<i>“Scerening Growth Response & Bioremediation Potent ially of Certain Cyanobacteria to Industrial effluents”</i>	<i>Major</i>	<i>2012</i>	<i>2013</i>	<i>11.50</i>	<i>UGC</i>	<i>Yes</i>	<i>Paper Published</i>
5	<i>Star College Scheme [As Prog. Coordinator]</i>		<i>2021</i>	<i>2023</i>		<i>DBT</i>	<i>-</i>	<i>-</i>

[Sanction order yet to received]							
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17. Research Guidance: Number of scholars who have been awarded M.Phil/Ph.D. degree under your supervision both as Guide and/or Co-guide:

Name of Degree	Submitted	Awarded
(i) M.Phil Degree	Nil	Nil
(ii) Ph.D Degree:	<i>Research Guide of Assam Down Town University, Assam in the subject of Botany and Biotechnology.</i>	<i>Registered</i>

18. Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities.

SI No.	Description
1	Ex.Member College Governing Body (Period 2005)
2	Member College Disciplinary Committee, Examination Committee, Academic Committee, Development Committee etc
3	Coordinator, Internal Quality Assurance Cell (IQAC) 20014- 2022.
4	Ex.Coordinator of DBT sponsored HTHub 2010-2019[Phase-I]`
5	Proposed PI for DBT Advanced Institutional Level Biotech Hub [Phase-II][Project under active consideration]
6	Programme Coordinator DBT Star College Scheme 2021-2023 [financial Sanctioning Letter yet to received]
7	Founder Coordinator, IGNOU Convergence Scheme, Dhing College 2004.
8	Ex CO-PI NMPB sponsored Ex-situ Cultivation of Medicinal Plants raising nursery cum green house chamber.[2005]

19. Recipient of Fellowship /Scholarship/ award etc: UGC FIP under 11th plan period. Recipient of “Jawaharlal Nehru Memorial Book prize in 1993 awarded by Jawaharlal Nehru Memorial Trust , New Delhi”. Fellow of Association of Research Society Science[FARSS]

20. Editorial Board Member: Regional Editor of World Journal of Biology and Medical Sciences. Link http://www.sasjournals.com/editorial_board.html. Editorial Board member American Journal of Environmental Protection Link <http://www.sciepub.com/journal/env/editors>. Reviewer Global Journal of Science Frontier Research Link <https://globaljournals.org/journals/editorial-board#>

Date:15/03/2022

Dr. Dr. M.K.Saikia
(Signature of faculty)