

## **PROFILE**

**Name:** Dipak Nath

**Designation:** Assistant Professor

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Centre for Disaster Management, Tezpur University, Tezpur – 784 028, Sonitpur, Assam.

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**Educational qualification:**

M. Sc. (1989) from Gauhati University

Ph. D. (1996) from Gauhati University

## **PUBLICATIONS**

### **Journal**

1. Nath, D., Deb, M. J., Das, B., Mazumdar, G. K. D. and Pathak, K. M. (1993) *A new device for determination of arrival direction of large EAS*, Nuclear Instruments and Methods in Physics Research, A 330, 293 – 295.
2. Nath, D., Das, B., Deb, M. J., Mazumdar, G. K. D. and Pathak, K. M. (1993) *A set up for determination of EAS parameters*, Nuclear Instruments and Methods in Physics Research, A 337, 221 – 223.
3. Nath, D., Das, B., Mazumdar, G. K. D. and Pathak, K. M. (1998) *Mass composition of primary Cosmic Rays over  $10^{15}$  -  $10^{17}$*  Indian Journal of Pure and Applied Physics, Vol – 36, , PP – 241 – 248.
4. Nath, D. and Chaudhuri, M. K. (2008) *Risk Assessment of Sonitpur District, Assam with Special Reference to Jia Bharali River*, Jharkhand Journal of Development and Management Studies, Vol. 6, No. 2, pp 2891-2900 (ISSN 0973 – 8444)
5. Deb Nath, R. and Nath, D. (2014) *Educational Vulnerability and Risk Factors of Tea Garden Workers with Special Reference to Dewan Tea Garden Village, Cachar, Assam, India*, International Research Journal of Social Sciences, Vol. 3 (9), pp 14 – 21 (ISSN 2319–3565)
6. Deb Nath, R. and Nath, D. (2015) *Women's Movement for Human Rights in India and Bangladesh: A Sociological Analysis*, Intellection: A bi-annual interdisciplinary research journal, Vol. III, No. I (ISSN: 2319-8192)
7. Deb Nath, R., Nath, D. and Barman, B. (2015) *Social Status and Communication Media of Rural Barman Community*, SWARAJ: An annual bilingual journal of Cinnamara College, Vol. 1 (ISSN: 2394-8736).
8. Deb Nath, R. and Nath, D. (2016) *Comprehensive Model for Health Risk Assessment with A case Study on Three Rural Communities of Cachar District, Assam, India*, Journal of International Academic Research For Multidisciplinary, 4 (2), 224-239 (Impact Factor 2.417, ISSN: 2320-5083).

9. Deb Nath, R. and Nath, D. (2018) *Status of Tribal Women: A Case Study on Barman Women of Dhanipur Village, Cachar, Assam*, *Intellection: A bi-annual interdisciplinary research journal*, Vol. VI, No. I (ISSN: 2319-8192).
10. Nath, D., & Nath, R. D. (2022). Scopes and barriers for effective management of biological hazard induced pandemic: Lessons from 1918 Spanish flu and 2020 COVID-19. *International Journal of Health Sciences*, 6(S2), 10840–10850 [<https://doi.org/10.53730/ijhs.v6nS2.7902>].

### **Conference Proceedings**

1. Nath, D., Das, B., Deb, M. J., Mazumdar, G. K. D. and Pathak, K. M. (1995) *Zenith Angle Dependence on Depth of Shower Maxima*, Proc. 24<sup>th</sup> International Cosmic Ray Conference, Italy, Vol – 1, 281.
2. Das, B., Nath, D., Deb, M. J., Mazumdar, G. K. D. and Pathak, K. M. (1995) *Low Frequency Radio Emission From Large Inclined Showers*, Proc. 24<sup>th</sup> International Cosmic Ray Conference, Italy, Vol – 1, 414.
3. Debnath, R. and Nath, D. (2012) *Women's Movement for Human Rights in India and Bangladesh (Abstract)*, International Conference on Exploring Sub-Regional Cooperation in the Context of India-Bangladesh Relation: Society, History, Science & Culture, 22 – 24 January, 2012, Assam University, Silchar, Assam.
4. Debnath, R. and Nath, D. (2013) *Women Education and Gender Inequality with Special Reference to the Educational Status of Tea Garden Women of South Assam (Abstract)*, ICSSR sponsored National Seminar on Women Education and Socio-Economic Transformation in North-East India with special reference to Southern Assam, 21-22 January, 2013, Rabindrasadan Girls' College, Karimganj, Assam.
5. Debnath, R. and Nath, D. (2013) *Educational Status of the Tea Garden Labours of Barak Valley (Abstract)*, International Seminar on Human Development and the Marginalised Sections in Northeast India: Issues, Challenges and way Forward, 18 – 20 March, 2013, Assam University, Silchar, Assam.

### **DISASTER MANAGEMENT RELATED BOOKS**

1. Disaster and Its Management, published by State Resource Centre, Assam, India, 2001.
2. A Hand Book on Disaster Management, published by Tezpur University, Assam, India, 2008.

### **EVENTS ATTENDED**

1. 3<sup>rd</sup> SERC School in Nuclear Physics, 17 – 29 February, 1992, IIT, Kanpur, India.
2. Accelerator based experimental facilities at NSC, Delhi, 23 – 24 June, 1995, Gauhati University, Assam.
3. 2<sup>nd</sup> SERC School in Experimental H. E. Physics, 12 – 28 January, 1997, TIFR, Mumbai, India.
4. Training course on GIS – Introduction to PC Arc Info, 8 – 12 May, 2000, ESRI India, Calcutta, India.

5. Fourth International Course on Community Based Disaster Management (CBDM- 4), 3 – 14 July, 2000, ADPC, AIT, Bangkok, Thailand. (*Sponsored by UNDP and deputed by Ministry of Agriculture and Cooperation, Govt. of India*).
6. Remote Sensing and GIS for Natural Resource Survey in North East India, 20 – 23 July, 2000, Tezpur University, Tezpur, Assam, India.
7. First Training Programme on Planning for Disaster Management, 23 – 27 April, 2001, NCDM, IIPA, New Delhi, India.
8. Regional workshop on Disaster Management, 06 – 08 May, 2005, IIT, Guwahati, India.
9. Training on Environment and Disaster Management, 13-17 September, 2010, NIDM, New Delhi, India.
10. Brainstorming Workshop on Preparation of Activity Guide 2012 – 13 for National Children’s Science Congress, 02 – 04 May, 2012, Organised by NCSTE, DST, GoI at Tezpur University, Tezpur, Assam, India.
11. Workshop on Holoistic Scientific Approach using Integrated Geophysical Studies for the Management of Natural Hazards, 22 – 23 April, 2013, NESAC, Umiam, Meghalaya, India.
12. ToT/Professional Development Programme on Post Disaster Needs Assessment Tools for India, 14-18 September, 2015, NIDM, New Delhi, India.
13. Workshop on Massive Open Online Courses (MOOCs) 24 - 25 November, 2016, TLC, Tezpur University, Tezpur, Assam, India.
14. Annual Training Conference, 7 March, 2017, NIDM, New Delhi, India.
15. Workshop on Drone and its Application: Harnessing full potential through Industry Academia Interactions, Organized by AIT, Thailand and Tezpur University, 16 March, 2018 at Tezpur University, Tezpur, Assam, India.
16. Webinar on India Universities and Institutions Network for Disaster Risk Reduction (IUIN-DRR) – PM’s 10 point agenda on DRR, 16 September, 2020, NIDM, New Delhi, India.
17. Faculty Development Programme: Teachers’ Training on Disaster Risk Reduction and Resilience, 21– 25 September 2020, NIDM, New Delhi, India.
18. 7<sup>th</sup> International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, 12 – 15 July, 2021, Organised by IISc., Bangaluru and IIT, Roorkee.
19. Training on Rapid Capacity enhancement for risk reduction during active COVID-19 Response, 19 – 21 January, 2022, NIDM, Organised by NIDM, New Delhi (Online).
20. Consultation meeting: Multi Hazard disaster Risk and Resilience, 24 January, 2022, Organised by NIDM, New Delhi (Online).