

Dr. Nabam Rich
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Department of Civil Engineering
Ph. D (Environmental Engineering & Science)
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EDUCATION

2007 - B. Tech, Civil Engineering, National Institute of Technology, Agartala, INDIA

2010 -M. Tech, North Eastern Regional institute of science and Technology (NERIST), Nirjuli, India

2017- Ph. D, North Eastern Regional institute of science and Technology (NERIST), Nirjuli, India

DESSERTATION

Ph.D Thesis Title: - 'The carbon and Nitrogen Transformation of the Municipal Solid Waste in In-vessel Composting Process'.

M.Tech project Title - 'Performance Evaluation for Laboratory scale In-vessel composting of Municipal Solid Waste'.

TEACHING (Dec 2015 till date)

Courses handled at undergraduate level:

Environmental Engineering-I, Environmental Engineering-II, Transportation Engineering II, Water supply and sanitation engineering, Building & Construction technology, solid waste management

Postgraduate level:

Physical, Chemical & Biological Process in Environmental Engineering, Solid and Hazardous Waste Management

RESEARCH GUIDANCE

B.tech.

1. Kago Onya (2019) A case study on various parameters of water and its effect on people in Arunachal Pradesh
2. Yangki Jamoh (2019) A case study on various parameters of water and its effect on people in Arunachal Pradesh
3. Balwant Kumar (2019) A case study on various parameters of water and its effect on people in Arunachal Pradesh
4. Rokom Mibang (2019): A case study on various parameters of water and its effect on people in Arunachal Pradesh
5. Tolum Zuzu (2019): Physico chemical Characterization of Municipal solid waste (MSW) of capital and NIT campus
6. Jotam Khokam Toko (2019): Physico chemical Characterization of Municipal solid waste (MSW) of capital and NIT campus
7. Taku Punu (2019): Physico chemical Characterization of Municipal solid waste (MSW) of capital and NIT campus

Ph.D

1. Geli Basar (2020-till date): Performance study of the bamboo bio-char of Arunachal Pradesh
2. Himadiri Kalita (2020-till date) : Characterization of waste water of Itanagar town

PUBLICATIONS:

1. Nabam Rich, Ajay Bharti, Sunil Kumar S. Effect of bulking agents and cow dung as inoculant on vegetable waste compost quality, Bioresource Technology, Volume 252, March 2018, Pages 83-90 <https://doi.org/10.1016/j.biortech.2017.12.080>
2. Nabam rich, Sunil Kumar, Ajay Bharati, Changes in Characteristic of Municipal Solid Waste by Bulking Agent In-vessel Composting: Critical Review. International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET). 01/2014; VOLUME 3(4):235-249. NERIST, Arunachal Pradesh (NCRACE-2013).
3. Nabam Rich, Rita Tiwari ,Takum Nalo, Ajay Bharti, **Aerobic Composting of MSW: A Sustainable Way to Reduce Greenhouse Gas Emission**, International Journal of

Innovative Research in Science, Engineering and Technology (IJIRSET). 12/2012;
3(Special Issue 01):511–520. NERIST, Arunachal Pradesh (NCRACE-2013)

DETAILS OF SPONSORED RESEARCH PROJECT

Ongoing Projects:

1. Assessment of Drinking Water Quality by using Water Quality Index & Physico & Chemical Parameters of NIT, Jote & Yupia Campus

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