

**LIST OF
PUBLICATIONS**

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Journal

1. Baruah, D., Baruah, D. C. Modeling of biomass gasification: A review. *Renewable and Sustainable Energy Reviews*, 39:806-815, 2014.
2. Baruah, D., Baruah, D. C., Hazarika, M. K. Artificial neural network based modeling of biomass gasification in fixed bed downdraft gasifiers. *Biomass and Bioenergy*, 98:264-271. (2017).

Conferences

1. Baruah, D., Baruah, D. C., Hiloidhari, M. Renewable energy in Assam: Present status and future scope. *International Seminar and Workshop on Energy, Sustainability and Development*, Sibsagar College, Joysagar, 2012.
2. Baruah, D., Patowary, R. & Baruah, D. C. Rice Husk as Substitute Fuel for Food Processing Industry: Techno-economic Investigation of an Industrial Biomass Gasifier in Assam (India). *Recycle 2016*, IIT Guwahati, 2016.
3. Boruah, D., Borah, U., Baruah, D. C., Baruah, D. Experimental investigation on the suitability of Karanja (*pongamia pinatta*) biodiesel blends for engine application. *National Conference on Advances in Science, Engineering and Technology (ASET'17)*, GIMT-Tezpur, Tezpur, 2017.