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**Government of India
Indian Institute of Technology, Guwahati
Indian Institute of Technology Guwahati
Guwahati**

Dated: 17/09/2019

To

Shri Kuldeep Singh Khaira
House No 125, Ishar Nagar
Ludhiana
141006

Registration Number : IITGW/R/2019/50127

Dear Sir/Madam

I am to refer to your Request for Information under RTI Act 2005, received vide letter dated 25/08/2019 and to say that *Desired information against your RTI application is enclosed herewith as Uploaded Reply Document, ANNEXURE-I (01 page)..*

In case, you want to go for an appeal in connection with the information provided, you may appeal to the Appellate Authority indicated below within ***thirty days*** from the date of receipt of this letter.

Dr. Suresh S.M.

FAA & Registrar

Address: Indian Institute of Technology GuwahatiGuwahati

Phone No.: 0361-2690761

Yours faithfully

**(Dilip Boro)
CPIO & Joint Registrar
Phone No.: 0361-2582985
Email : pio@iitg.ac.in**



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
रासायनिक अभियांत्रिकी विभाग
गुवाहाटी-781039, आसाम, भारत

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Department of Chemical Engineering
Guwahati-781039, Assam, India

Prof. Anugrah Singh
Head of the Department

Date : 05th of September, 2019

To
The PIO
IIT Guwahati

Sub: Response to RTI with Reg. No. IITGW/R/2019/50127

Dear Mr. Boro,

This is with reference to the RTI with Reg. No. IITGW/R/2019/50127. The reply is as follows:

1. For query no. 1: In the aforementioned technology related to "developed kitchen cutlery, household furniture and decorative items including flower pots and toys using non-degradable plastic variant" is commercially available. However, degradable plastic based products are also developed at CoE-SusPol and the concerned person (petitioner) can contact with CoE-SusPol for getting know-how on these products. Representative technical know-how can be seen from reviewed articles as mentioned in the references (1-4) for the petitioner.
2. For query no. 2: As mentioned in the article of TOI, the project has now found support in a Gujarat-based private company which has offered help to IIT-G, however the degradable polymer based technology has not been transferred yet from IIT Guwahati.

References for the queries:

1. Vimal Katiyar and Arvind Gupta, Formulation of Heat Stable Stereocomplex Poly (lactic acid) Composites. Application number: 201631022079. It may not be shared now due to Patent related obligations.
2. Dhar, P., Bhasney, S. M., Bhagabati, P., Kumar, A., & Katiyar, V. (2018). Sustainable Approach for Mechanical Recycling of Poly (lactic acid)/Cellulose Nanocrystal Films: Investigations on Structure-Property Relationship and Underlying Mechanism. Industrial & Engineering Chemistry Research, 57(43), 14493-14508.
3. Mili, M., Gupta, A., & Katiyar, V. (2017). Designing of poly (l-lactide)-nicotine conjugates: mechanistic and kinetic studies and thermal release behavior of nicotine. ACS Omega, 2(9), 6131-6142.
4. Gupta, A., Prasad, A., Mulchandani, N., Shah, M., Ravi Sankar, M., Kumar, S., & Katiyar, V. (2017). Multifunctional nanohydroxyapatite-promoted toughened high-molecular-weight stereocomplex poly (lactic acid)-based bionanocomposite for both 3D-printed orthopedic implants and high-temperature engineering applications. ACS omega, 2(7), 4039-4052.

(Anugrah Singh)
HOD

Forwarded to PIO
R. K. Upadhyay

(Rajesh Kumar Upadhyay)
DPIO, Chemical Engg. Dept.

(Vimal Katiyar)
Professor