राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का संस्थान)

महात्मा गांधी एवेन्यू, दुर्गापुर - 713209,(पश्चिम बंगाल), भारत

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

(Institute of National Importance Under MHRD, Govt. of India)

MAHATMA GANDHI AVENUE, DURGAPUR-713209, (WEST BENGAL), INDIA

Ref.No. NITD/RTI/CPIO/OFF/174

Date: 03.02.2020

Subject:- Information under RTI Act, 2005.

Ref. :- Your letter dated 10/01/2020 seeking information under RTI Act 2005.

Sir,

In connection with above mentioned subject and reference, the available information's are as under:-

Sl. No.	Query	Reply
01.	Your queries	Yes
02.	Do	Available Information is enclosed as Annexure – "A1" (Pages-01)
03.	Do	Nil
04.	Do	Available Information is enclosed as Annexure – "A" (Pages-02)
06.	Do	Available Information is enclosed as Annexure – "B" (Pages-04)

With regards.

Assistant Registrar & CPIO

Enclo: as above.

Annexure-'A1'

OFFICE OF T&P
NIT, DURGAPUR

Ref. No.: T&P/RTI/2019-20/03 Date: 31/01/2020

Inter Departmental Memo

From:
Dean (AA&O) &
In-charge (Training & Placement)

To:
Assistant Registrar & CPIO

Sub: Answers to the queries as per letter no. NITD/RTI/CPIO/OFF/174, dated 23.01.2020

As per the information sought by under RTI Act 2005 request regarding placement, the responses under the purview of Training & Placement is as follows:

2. Companies do not graduate (move out successfully) from campus. It's the students who graduate. No information responding the start-up companies evolved from campus.

3. N.A.

Prof. N. Banerjee
Dean (AA & O) &
In-charge (Training & Placement)

Annexure-A

Questionnaire

1. Coordinates of the Institute

Name & Address of the Institute	**National Institute of Technology Durgapur Mahatma Gandhi Avenue, Durgapur-713209**
City and State	**Durgapur, West Bengal**
Contact Person	**.Dean (Research & Consultancy) (Prof. Ajit Kumar Meikap).**
Date of Appointment	**09th April, 2018**
Email ID	**deanresearch@admin.nitdgp.ac.in**
Contact Number	**+91-9434788060**

2. Area of Specialization: .....Physics.....
3. In-house IP Cell and year of establishment: **IP Cell is attached with Dean (R&C) Office**
4. In-house Tech Transfer Office (Y/N) and year of establishment: **Yes, 2018**
5. IP Policy, if yes, provide the link: **Yes, Institute Website: www.nitdgp.ac.in**
6. Incubator, if yes, and year of establishment: **Yes, 2019**
7. List of Patents filed by the Institute (please provide the link): **List attached, 26**
8. No. of Technologies transferred for the last 3 years: **Nil**

Year	Technology Name	Domain	Industry	License fee	Year of commercialization
2018	**Nil**				
2017	**Nil**				
2016	**Nil**				

9. Which is the most practised/common method for Technology Transfer in your Institute. (Please tick)

- ✓ Licensing;
- Contract Research;
- ✓ Collaborative Research
- Consultancy Services
- Material Transfer
- Training
- Spin-Offs (e.g., Institute Start-ups)

Note: Till date no technology transfer has taken place as the Green Technologies developed need pilot plant study-which is pending for lack of funding. However NIT Durgapur regulation provides scope for Licensing as well as collaborative research approach in matters of technology transfer.

10. What is the fee processing model of your Institute during technology licensing agreement (Please tick)

- One-time upfront payment;
- Periodic royalty (% of revenue sharing)
- Upfront & royalty
- Milestone based

Note: Regulations of NIT Durgapur provide flexibility on this issue. There is scope for (i) One-time payment and (ii) Royalty.

11. Type of industry supported (Micro/Small/Medium/Large/MNC/NGO) **Not Recorded**
12. No. of Contract research solicited from the Industry? **Not Recorded**
13. No. of Industries/govt. sponsored projects undertaken? **Around 80**
14. Type of Incubation activities: **Nil**
15. No. of incubates graduated or spin-offs: **Nil**
16. No. of Start-ups created: **Nil**
17. No. of personnel employed in Technology Transfer Office and their Qualifications: **Nil**
18. Is the TTO self-sustaining or part of the Institute? **NA**

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Dean, Research & Consultancy
National Institute of Technology
Dugapur-713209, INDIA

Annexure -B

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

List of Patents granted/applied

BT Department: 03

(A) Prof. Apurba Dey

Name of The Patent: **Sequential ultraviolet mediated mutagenesis for enhanced production of Rapamycin**

Date of Filing: 26.10.2016

Acknowledgement Number: **201631036780**

Publication date: 29/03/2019

(B) Prof. Sudit Shekhar Mukhopadhyay

Title: Recombinant Cellobiohydrolase

Authors: Sudit S. Mukhopadhyay, Subba Reddy Dodda, NibeditaSarkar, KaustavAikat

Ref No.201731045312

App. No. TEMP/E-1/46195/2017-Kol

C.B.R.No. 25342

(C) Dr.Monidipa Ghosh

(1) **A system for measurement of Vitamin D level in serum samples. Lawyer's Ref. No. 3725/ASA/PP-2783/AP**. Applicant NIT Durgapur.Inventors.:Dr.MonidipaGhosh; Doel Pal, Moumita Maji, Chiranjib Koley. Patent filing in process.

CSE Department: 04

A. S C Saravanan

1. *"Process for the Preparation of Polyhydroxyalkenoate and use thereof in Enhancing Microbial Electrolysis"*, NavaniethaKrishnaraj R., Pal Parimal, ChandranSaravanan, Granted Patent Number: 299953, application no. 46/KOL/2014, filed on 10-01-2014, publication date (U/S 11A) 07-02-2014, Intellectual Property India, Granted date 14-08-2018, Post Grant Journal Date: 17-08-2018 http://ipindiaservices.gov.in/publicsearch/.

2. *"Personal Authentication Biometric System based on Fingers Structure"*, VermaSatyaBhushan, ChandranSaravanan, application no.

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201631012245, date of filing 07-04-2016, publication date 13-05-2016, no. of pages 18, no. of claims 5. Intellectual Property India, http://ipindiaservices.gov.in/publicsearch/ Application Awaiting Examination.

B. **Debashis Nandi**

1: Patent granted:
Title: "Ultrasound Imaging Method/Technique for Speckle Reduction/Suppression in an Improved Ultrasound Imaging System"- US Patent Number: 9934554.

2. Patent applied:
Title: "An Imaging System Adapted for Super–resolution on Polar Domain Data and Method of Its Implementation", Application No: 636/KOL/2010 dated 11-Jun-2010.

Chemical Engineering: 11

Prof. Parimal Pal

SR	Patent Filed	Application No.	Status	Patentee /inventers..... ....
1	Membrane-integrated Hybrid Treatment System for Arsenic Removal	766/KOL /2011A	Right **granted** on 2.9/16 Patent No. 275244	Prof. Parimal Pal, Chemical Engineering
2	System & Method of Direct Lactic acid production	1364/KOL/2011A	Right **granted** on 29/8/17 Patent No.**286809**	Prof.Parimal Pal, Chemical Engineering
3	System and method of production of acetic acid from waste cheese whey through a continuous membrane-integrated hybrid process	185/KOL /2013	Patent Right **granted** on 20/6/18 Patent No.**298502**	Prof.Parimal Pal, Chemical Engineering
4	PROCESS FOR THE ISOLATION OF POLYHYDROXYALKENOATE AND USE THEREOF IN ENHANCING MICROBIAL ELECTROCATALYSIS	46/KOL/ 2014	Patent right **granted** Aug 2018 No.**299953**	R.N.Krishnsaraj, Prof.P.Pal, S.Chandran
5	A green process for continuous and direct production of l-glutamic acid	962/KOL /2014 Filed on 23/9/14	Grant awaited	Prof. Parimal Pal & Ramesh Kumar
6	Multi-stage Water	691/KOL	Indian Patent	Prof.Parimal Pal

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of pages
India,

	Treatment System	/2013 Filed on 6/6/13	Journal No.31/2013 dt.2/8/13	
7	A high flux low energy osmotic system for arsenic removal at low cost	1003/KOL/2014 Filed on 29/9/2013	Grant awaited	Prof.Parimal Pal &SankhaChakrabortty
8.	A new membrane integrated closed loop system for treating complex industrial waste water towards recovery and reuse	1255/KOL/2015 filed on 7/12/15	Awaited	Prof.Parimal Pal
9.	Low cost portable domestic nanomembrane-based water purifier	TEMP/E-1/20286 /2017-KOL 7/6/2017	Indian Patent Office Journal No. 50/2017 dated 15/12/2017 page 48765	Prof.Parimal Pal &Madhubonti Pal

Copyrights granted

(1) PWATPPA.VB : PHARMACEUTICAL WASTEWATER TREATMENT PLANT PERFORMANCE ANALYSIS BY VISUAL BASIC Regn. No. SW-12066/ 2019

(2) VBARSEPPA:VISUAL BASIC ARSENIC SEPARATION PLANT PERFORMANCE ANALYSIS: Regn No. SW-11720/2018

ECE Department: 02

(1) PragnanChakravorty and DurbadalMandal, "Super Narrow Beam Synthesis with Spatial Augmentation", Indian Patent, Application No. 201734023909, Dated 07/07/17. (Filed)

(2) Shankar Prakriya and Pratik Chakraborty, "Method for management of two secondary underlay multiuser downlink networks," Indian Patent, Application No. 201811010849. (Filed)

MME Department: 04

1) M.M. Ghosh, S. Ghosh, and S. K. Pabi, Stable dispersion of surface capped silver nanopowder in hydrophilic medium with enhanced thermal conductivity, Patent

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Application (No.: 1068/KOL/2009) filed in India on 17th August, 2009 and granted on 22nd June, 2017 with Indian Patent no. 284469.

2) Sujoy Das, Krishnan Bandyopadhyay and M.M. Ghosh, An Effective Method for the Synthesis of Silver Nanoparticles with Very Small Size and Narrow Size Distribution through Chemical Route, Patent (Provisional) Application (No.: 201831030846) filed in India on 17th August, 2018 (Under Review).

3) S. Pramanik, Process for development of hollow iron ore agglomerate by using iron ore fines and inorganic binder, Patent application no.: 1352/KOL/2012, dated 26/11/2012 (Indian patent).

4) Arup Kumar Mandal, AN INSULATION BRICK AND METHOD OF PREPARATION THEREOF, Patent application No. 201811033258, file in India on SEPTEMBER 05, 2018.

Physics Department: 02

Title	Inventors	Application No.	Date of filing
(1) Bio-Waste Ash Based Low Cost, Light Weight, And Eco-Friendly Self-Rechargeable Battery	1)KARMAKAR, Mr.Srikanta 2)KUMBHAKAR, Mr.Partha 3)PRAMANIK, Mr.Ashim 4)KUMBHAKAR, Prof. Pathik	201931002942 A	24/01/2019
(2) Amorphous Silicon Monoxide Based Nanowire Electrode Biosensor	A Mondal (principal investigator), M Ghosh, S M M D Dwivedi, C Ghosh, S Deepthy, R Lahiri,	Application Number: TEMP/E-1/8348 /2019-KOL, Ref. No.: 201931007981.	28/02/2019

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