



Govt. of N.C.T. of Delhi  
DELHI TECHNOLOGICAL UNIVERSITY  
(Formerly Delhi College of Engineering)  
Shahbad Daultapur, Bawana Road-Delhi-42

F. No. DTU/R&D/2025/107/2945

Date: 22/07/2025

To  
All HoDs,  
Delhi Technological University  
Delhi.

Dear Sir/Madam,

Please find enclosed a **tentative list of Eligible Researchers with award money distribution** of Delhi Technological University for "**Innovation Awards**" under Research Excellence and Innovation Awards 2025. It is requested that the applicants may register their suggestion(s)/objection(s), if any related to this tentative list (enclosed) latest by 30<sup>th</sup> July 2025 by sending email at [ird@dtu.ac.in](mailto:ird@dtu.ac.in). If no response is received till 30<sup>th</sup> July 2025, it will be presumed that the applicant has no suggestion/objection with the list.

Also, all the eligible applicants are requested to:

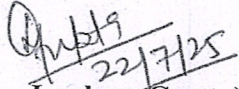
1. Submit an undertaking from the non-DTU inventors as per Annexure-2 for each patent;
2. Furnish complete details (including Name, Designation, Department, Bank Account Number, Branch Name, and IFSC Code) of all inventors in the **excel sheet (enclosed)**.
3. **Please submit the details mentioned at point 1 and 2 above in hard copy to the Office of the Dean (R&D) and by email to [lgupta@dtu.ac.in](mailto:lgupta@dtu.ac.in) by 30<sup>th</sup> July 2025.**

**Enclosures:**

**Annexure -1:** List of Eligible / Not Eligible Researchers for "**Innovation Awards**", 2025.

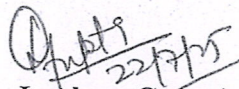
**Annexure -2:** Format of Undertaking from non-DTU Inventors

**Annexure -3:** Format of the spreadsheet in which the bank details are sought.

  
(Dr. Lovleen Gupta)  
Member Secretary

**Copy to**

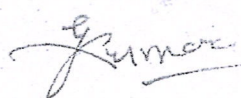
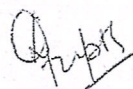
1. PS to the Hon'ble Vice Chancellor, DTU.
2. Registrar.
3. Head, Computer Centre with a request to upload the same on the DTU's website.
4. All HoD's.
5. Guard File.

  
(Dr. Lovleen Gupta)  
Member Secretary



## List of Eligible / Not Eligible Researchers for "Innovation Research Awards", 2025.

S. No.	Name of Applicant	Patent Number	Patent Title	Patent grant year	Patent granting agency	Is DTU a patentee with atleast 20% share?	Patent term (years)	Eligible/Not Eligible	Total Prize Money (INR)	Remarks
1	Prof Om Prakash Verma	532075	METHOD FOR POWER MANAGEMENT IN AN ELECTRONICS DEVICE & ELECTRONICS DEVICE THEREOF	2024	IPO	No	20	Not Eligible	Nil	DTU does not have financial share as per the latest MoU.
2	Prof. Qasim Murtaza	531306	THERMAL ADDITIVE CENTRIFUGAL ABRASIVE FLOWMACHINING AND METHOD THEREOF	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
3	Amitabh Thapliyal	544944	METHOD AND SYSTEM OF AUTHENTICATING A USER IN AN ELECTRONIC DEVICE	2024	IPO	No	20	Not Eligible	Nil	DTU does not have financial share as per the latest MoU
4	Dr. Mayank Kumar	554604	A HIGH GAIN FAULT TOLERANT MULTI-PORT DC-DC CONVERTER	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please



S. No.	Name of Applicant	Patent Number	Patent Title	Patent grant year	Patent granting agency	Is DTU a patentee with atleast 20% share?	Patent term (years)	Eligible/Not Eligible	Total Prize Money (INR)	Remarks
										furnish details in the enclosed excel sheet.
5	Dr. Mini Sreejeth	544481	MOTOR CONTROLLER FOR LIGHT MOBILITY VEHICLES IN INDIA	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
6	Prof. Rahul Katarya	529534	PRECISION AGRICULTURE ROVER FOR PLANT DISEASE DETECTION AND CONTROL	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
7	Prof. Rahul Katarya	556819	AN AUTONOMOUSLY OPERATING SURFACE WATER ROBOT AND METHOD THEREOF	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please

*[Signature]*

*[Signature]*



S. No.	Name of Applicant	Patent Number	Patent Title	Patent grant year	Patent granting agency	Is DTU a patentee with atleast 20% share?	Patent term (years)	Eligible/Not Eligible	Total Prize Money (INR)	Remarks
										furnish details in the enclosed excel sheet.
8	Dr. Dheeraj Joshi	552095	A CONVERTER AND METHOD THEREOF FOR TOPOLOGY SELECTION OF Z-SOURCE DC-DC SINGLE INPUT DUAL OUTPUT (SIDO)	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
9	Dr Mohan Singh Mehata	529469	APPARATUS AND METHOD FOR DETECTING ELECTRIC FIELD MODULATED ABSORPTION AND PHOTOLUMINESCENCE OF A SAMPLE	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
10	Dr Mohan Singh Mehata	531913	LIGHT EMITTING METAL AND DUAL METAL DOPED ZINC SELENIDE QUANTUM DOTS AND METHOD THEREOF	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please

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S. No.	Name of Applicant	Patent Number	Patent Title	Patent grant. year	Patent granting agency	Is DTU a patentee with atleast 20% share?	Patent term (years)	Eligible/Not Eligible	Total Prize Money (INR)	Remarks
										furnish details in the enclosed excel sheet.
11	Bhawna Rawat	524265	Reconfigurable Static Random Access Memory (SRAM) and Method Thereof	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
12	Prof. Roli Purwar	504734	PROCESS FOR PREPARATION OF SILK FIBROIN FLEXIBLE FILMS BY HYDROGEL PARTICLES AND FILMS MADE THEREOF	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please furnish details in the enclosed excel sheet.
13	Dr. Raminder Kaur	516877	Bio-Based Rigid Polyurethane Foam Composition and Method Thereof	2024	IPO	Yes	20	Eligible	1,00,000/-	Prize money is subject to undertaking from the external inventors as per Annexure-1. Also, please

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*Suma*



S. No.	Name of Applicant	Patent Number	Patent Title	Patent grant year	Patent granting agency	Is DTU a patentee with atleast 20% share?	Patent term (years)	Eligible/Not Eligible	Total Prize Money (INR)	Remarks
										furnish details in the enclosed excel sheet.

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Q. Subh

Suma



Undertaking from Non-DTU Inventors

To Whom It May Concern

I, the undersigned, hereby state and affirm the following in connection with the patent filed/granted under the ownership of Delhi Technological University (DTU), Delhi, wherein DTU is a patentee

- Patent Title: \_\_\_\_\_
- Patent Application Number: \_\_\_\_\_
- Patent Number (if granted): \_\_\_\_\_

I affirm that I have willingly and voluntarily assigned all rights, interests, and entitlements in the above-mentioned patent application to Delhi Technological University (DTU), Delhi, as per the terms mutually agreed upon at the time of filing.

I further undertake that I will not claim any financial rights, shares, royalties, or benefits in any form in the future, in the event of commercialization, monetization, licensing, or any other form of revenue generation from the aforementioned patent/application.

I understand that this undertaking is irrevocable and binding and is given in good faith to facilitate the rightful ownership and administration of the patent by DTU.

My full details, as per the patent application, are as follows:

- Full Name: \_\_\_\_\_
- Designation (if applicable): \_\_\_\_\_
- Affiliation: \_\_\_\_\_
- Complete Address (as per Patent Application): \_\_\_\_\_
- Email ID \_\_\_\_\_
- Contact Number: \_\_\_\_\_

I confirm that the above information is true to the best of my knowledge and belief.

Date:

Place:

Signature:

Name



**Details of Inventors of DTU (Internal Inventors) Including applicant**

Patent Number	S.No.	Full Name of the Co-Inventor	Designation	Department	Address as per the patent application	Bank Account Number	Branch Name	IFSC Code
	1							
	2							
	3							
	4							
	5							
	6							

Note: Please add more rows (if required)

**Details of Co-Inventors outside DTU (External/Outside Inventors)**

Patent Number	S.No.	Full Name of the Co-Inventor (External/Outside DTU)	Designation	Department	Address as per the patent application
	1				
	2				
	3				
	4				
	5				
	6				

Note: Please add more rows (if required)