



**Delhi Technological University**  
(Formerly Delhi College of Engineering)  
Shahbad Daultapur, Bawana Road, Delhi – 110 042, India

Consequent upon the evaluation of the thesis submitted by the candidate(s) as per details given below for the award of Doctor of Philosophy (Ph.D.) of the Delhi Technological University on the topic as mentioned against his/her name and after his/her viva-voce examinations, he/she/they has/have been found qualified for the Award of Degree of Doctor of Philosophy (Ph.D.).

**Department Of Mechanical Engineering**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K17/PHDME/45	Pawan Kishore Jha	पवन किशोर झा	Mechanical Engineering	15 <sup>th</sup> October, 2025	Prof. Naveen Kumar & Prof. R.C. Singh
Title of Ph.D Thesis		Title in English: Experimental investigation on use of CNG and Di-Ethyl Ether in HCCI engine		Title in Hindi: एक्सपेरिमेंटल इन्वेस्टिगेशन ऑन यूज़ ऑफ़ सी.एन.जी. एंड डाय-एथाइल ईथर इन एच.सी.सी.आई. इंजन		

*Pachhukas*

**In-charge (Results)**

**Dated: 15.10.2025**



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**Department Of Applied Physics**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K20/PHDAP/10	Rahul Kundara	राहुल कुंदरा	Applied Physics	14 <sup>th</sup> October, 2025	Dr. Sarita Baghel
Title of Ph.D Thesis		Title in English: STUDIES ON DESIGN, OPTIMIZATION AND CHARACTERIZATION OF PEROVSKITE SOLAR CELLS		Title in Hindi: स्टडीज़ ऑन डिज़ाइन, ऑप्टिमाइज़ेशन एंड कैरेक्टराइज़ेशन ऑफ पेरॉव्स्काइट सोलर सेल्ल्स		

*Sadhuraj*

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**Department Of Electronics & Communication Engineering**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K19/PHDEC/507	Rekha Rani	रेखा रानी	Electronics & Communication Engineering	14 <sup>th</sup> October, 2025	Dr. N. Jayanthi & Dr. Anup Mandpura
Title of Ph.D Thesis		Title in English: Design And Performance Analysis Of Improved Free Space Optical Communication System For Turbulent Atmosphere		Title in Hindi: डिज़ाइन एंड परफॉर्मेंस एनालिसिस ऑफ़ इम्प्रूव्ड फ्री स्पेस ऑप्टिकल कम्युनिकेशन सिस्टम फॉर टर्बुलेंट एटमॉस्फियर		

*Pradhuks*

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**Department Of Applied Chemistry**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K20/PHDAC/05	Jitendra Kumar	जितेंद्र कुमार	Chemistry	08 <sup>th</sup> October, 2025	Prof. Roli Purwar
Title of Ph.D Thesis		Title in English: Studies On Natural Gum Based Injectable Hydrogel For Wound Healing Applications		Title in Hindi: स्टडीज ऑन नेचुरल गम बेस्ड इंजेक्टेबल हाइड्रोजेल फॉर वुंड हीलिंग एप्लीकेशन्स		

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**Department Of Mechanical Engineering**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K20/PHDME/503	Soni Kesarwani	सोनी केसरवानी	Mechanical Engineering	13 <sup>th</sup> October, 2025	Dr. N. Yuvraj & Dr. M.S. Niranjana
Title of Ph.D Thesis		Title in English: COLD METAL TRANSFER BASED WIRE ARC ADDITIVE MANUFACTURING OF BIMETALLIC MATERIAL		Title in Hindi: कोल्ड मेटल ट्रांसफर बेस्ड वायर आर्क एडिटिव मैनुफैक्चरिंग ऑफ बाइमेटैलिक मटेरियल		

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**Department Of Applied Mathematics**

S.No.	Roll. No.	Name of Student	Name of Student (In Hindi)	Discipline	Date of Viva – Voce Examination	Name of Supervisor/Co-Supervisor(s)
1.	2K21/PHDAM/08	Yash Sharma	यश शर्मा	Applied Mathematics	13 <sup>th</sup> October, 2025	Dr. Anshul Arora
Title of Ph.D Thesis		Title in English: Design and Development of Malware Detection Models for Android Smartphones		Title in Hindi: डिज़ाइन एंड डेवलपमेंट ऑफ़ मालवेयर डिटेक्शन मॉडल्स फ़ॉर एंड्रॉइड स्मार्टफ़ोन्स		

*Anshul Arora*

In-charge (Results)

Dated: 15.10.2025