



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 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/501	Varnam Sherawat	वर्णम शहरावत	Physics	05 th December, 2025	Dr. Renuka Bakolia & Prof. Ravindra Kumar Sinha
Title of Ph.D. Thesis		Title in English: MODELLING AND DESIGN OF APPLICATION-SPECIFIC PHOTONIC CRYSTAL WAVEGUIDES AND DEVICES		Title in Hindi: मॉडेलिंग एंड डिज़ाइन ऑफ एप्लीकेशन-स्पेसिफिक फोटॉनिक क्रिस्टल वेवगाइड्स एंड डिवाइसेज़		

In-charge (Results)

Dated: 08.12.2025

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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/09	Sheetal Kumari	शीतल कुमारी	Physics	24 th November, 2025	Prof. A.S. Rao & Prof. Ravindra Kumar Sinha
Title of Ph.D. Thesis		Title in English: STRUCTURAL AND PHOTOLUMINESCENCE PROPERTIES OF RARE EARTH IONS DOPED STRONTIUM TUNGSTEN YTTRIUM OXIDE PHOSPHOR FOR SOLID STATE LIGHTING APPLICATIONS		Title in Hindi: स्ट्रक्चरल एंड फोटो ल्यूमिनेसेंस प्रॉपर्टीज ऑफ रेयर अर्थ आयन्स डोप्ड स्ट्रॉटियम टंग्स्टन यट्रियम ऑक्साइड फॉस्फर फॉर सोलिड स्टेट लाइटिंग एप्लीकेशन्स		

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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/07	Pooja Agarwal	पूजा अग्रवाल	Physics	05 th December, 2025	Prof. Ravindra Kumar Sinha & Dr. Kamal Kishor
Title of Ph.D. Thesis		Title in English: Design and Analysis of Terahertz Metasurface Devices		Title in Hindi: डिज़ाइन ऐंड एनालिसिस ऑफ़ टेराहर्ट्ज़ मेटासर्फ़ेस डिवाइसेज़		

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Department of Design

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/PHDDES/01	Taruna Singh	तरुणा सिंह	Design	04 th December, 2025	Prof. Ranganath M. Singari & Dr. Sumer Singh
Title of Ph.D. Thesis		Title in English: FRAMEWORK FOR SUSTAINABLE PACKAGING DESIGN		Title in Hindi: फ्रेमवर्क फॉर सस्टेनेबल पैकेजिंग डिज़ाइन		

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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.	2K20/PHDEC/05	Ishaan Sharma	ईशान शर्मा	Electronics & Communication Engineering	08 th December, 2025	Dr. Rohit Kumar & Dr. Sumit J Darak
Title of Ph.D. Thesis		Title in English: Distributed Learning for Reconfigurable Intelligent Surfaces		Title in Hindi: डिस्ट्रिब्यूटेड लर्निंग फ़ॉर रिकन्फिगरेबल इंटेलिजेंट सरफ़ेसेज़		

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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.	2K17/PHDME/03	Hussam Sadique	हुस्साम सादिक	Mechanical Engineering	28 th November, 2025	Prof. Samsheer & Prof. Qasim Murtaza
Title of Ph.D. Thesis		Title in English: NUMERICAL INVESTIGATION OF FRACTAL-SHAPED MICROCHANNEL HEAT SINK (MCHS)		Title in Hindi: न्यूमेरिकल इन्वेस्टीगेशन ऑफ़ फ्रैक्टल-शेप्ड माइक्रोचैनल हीट सिंक (एमसीएचएस)		

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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/502	Vibhu Singh	विभू सिंह	Mechanical Engineering	02 nd December, 2025	Prof. Qasim Murtaza & Dr. M.S. Niranjana
Title of Ph.D. Thesis		Title in English: EXPERIMENTAL STUDY OF CMT WELDING ON ALUMINIUM ALLOY BASED HYBRID COMPOSITE		Title in Hindi: एक्सपेरिमेंटल स्टडी ऑफ़ सीएमटी वेल्डिंग ऑन एल्युमिनियम अलॉय बेस्ड हाइब्रिड कम्पोज़िट		

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Department of Electrical 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.	2K21/PHDEE/15	Meghana Shrivastava	मेघना श्रीवास्तव	Electrical Engineering	04 th December, 2025	Prof. Pragati Kumar & Prof. D.R. Bhaskar
Title of Ph.D. Thesis		Title in English: REALISATION OF SIMULATED IMMITTANCES USING MODERN ACTIVE BUILDING BLOCKS		Title in Hindi: रियलाइजेशन ऑफ सिम्युलेटेड इमिटेंस यूज़िंग मॉडर्न एक्टिव बिल्डिंग ब्लॉक्स		

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Department of Electrical 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.	2K21/PHDEE/30	Brijander Sanger	बृजेन्द्र संगर	Electrical Engineering	02 nd December, 2025	Prof. Madhusudan Singh & Prof. Mini Sreejeth
Title of Ph.D. Thesis		Title in English: PERFORMANCE ENHANCEMENT OF PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM) FOR ELECTRIC VEHICLE APPLICATIONS		Title in Hindi: परफॉरमेंस एनहांसमेंट ऑफ़ परमानेंट मैग्नेट सिंक्रोनस मोटर (पीएमएसएम) फॉर इलेक्ट्रिक व्हीकल ऐप्लिकेशन्स		

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