



Delhi Technological University
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, 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 Humanities

| 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/PHDHUM/02 | Sanjay Kumar | संजय कुमार | Economics | 12 th December, 2024 | Prof. Nand Kumar |
| Title of Ph.D. Thesis | | Title in English: Measuring Exchange Market Pressure in India : A General Approach | | Title in Hindi: मेजरिंग एक्सचेंज मार्केट प्रेशर इन इंडिया : ए जनरल अप्रोच | | |

In-charge (Results)

Dated: 13.12.2024

Controller of Examination



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Department of Delhi School of Management

| 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. | 2K18/PHDDSM/02 | Elixir Sagar | एलिकसर सागर | Delhi School of Management | 12 th December, 2024 | Dr. Shikha N. Khera & Dr. Naval Garg, USME |
| Title of Ph.D. Thesis | | Title in English: A Study on Employer and Employee Perspectives on the Workplace Accomodations Required to Sustain A Neurodiverse Workforce | | Title in Hindi: ए स्टडी ऑन एम्प्लॉयर एंड एम्पलॉयी पर्सपेक्टिव्स ऑन द वर्कप्लेस अकोमोडेशन्स रिक्वायर्ड टू सस्टेन ए न्युरो डाएवर्स वर्कफोर्स | | |

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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. | 2K21/PHDME/08 | Rajendra Prasad Meena | राजेंद्र प्रसाद मीणा | Mechanical Engineering | 12 th December, 2024 | Dr. N. Yuvraj & Prof. Vipin |
| Title of Ph.D. Thesis | | Title in English: Experimental Investigation on Wire Arc Additive Manufacturing of Dissimilar Inconel and Stainless-Steel Alloys Using Cold Metal Transfer Welding | | Title in Hindi: एक्सपेरिमेंटल इन्वेस्टीगेशन ऑन वायर आर्क एडिटिव मैनुफैक्चरिंग ऑफ़ दिसिमिलर इनकोनेल एंड स्टेनलेस-स्टील अलॉयज युसिंग कोल्ड मेटल ट्रांसफर वेल्डिंग | | |

Radhika

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Dated: 13.12.2024

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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. | 2K19/PHDAM/02 | Vineet Kumar | विनीत कुमार | Applied Mathematics | 11 th December, 2024 | Prof. Anjana Gupta & Prof. H.C. Taneja |
| Title of Ph.D. Thesis | | Title in English: Optimization and Uncertainty in Fuzzy Decision Making | | Title in Hindi: ऑप्टिमाइजेशन एंड अनसर्टेनिटी इन फज्ज़ी डिसिजन मेकिंग | | |

(Signature)

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Dated: 13.12.2024

(Signature)

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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. | 2K15/PHDEE/01 | Abhishek Sharma | अभिषेक शर्मा | Electrical Engineering | 10 th December, 2024 | Prof. Priya Mahajan & Prof. Rachna Garg |
| Title of Ph.D. Thesis | | Title in English: Performance Analysis of Grid Connected Solar Photovoltaic System | | Title in Hindi: परफॉर्मेंस एनालिसिस ऑफ़ ग्रिड कनेक्टेड सोलर फोटोवोल्टेइक सिस्टम | | |

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Department of Environmental 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/PHDEN/04 | Sonam Taneja | सोनम तनेजा | Environmental Engineering | 12 th December, 2024 | Prof. A.K. Haritash & Dr. Oznur Karaca |
| Title of Ph.D. Thesis | | Title in English: Electrokinetic Remediation of Metal-Contaminated Soils | | Title in Hindi: इलेक्ट्रो-काइनेटिक रेमेडिएशन ऑफ़ मेटल-कंटांमिनेटेड सॉइल्स | | |

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Department of Environmental 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/PHDEN/02 | Harsh Pipil | हर्ष पिपिल | Environmental Engineering | 11 th December, 2024 | Prof. A.K. Haritash & Prof. Krishna R. Reddy |
| Title of Ph.D. Thesis | | Title in English: Development of Combined Filtration and Bioretention System for the Treatment of Urban Stormwater Runoff | | Title in Hindi: डेवलपमेंट ऑफ कंबाइंड फिल्ट्रेशन एंड बायोरिटेंशन सिस्टम फॉर दी ट्रीटमेंट ऑफ अर्बन स्टॉर्म वाटर रनऑफ | | |

Prachhukar

R. Pandey

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Department of Environmental 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/PHDEN/07 | Ali Reza Noori | अली रेज़ा नूरी | Environmental Engineering | 10 th December, 2024 | Prof. S. K. Singh |
| Title of Ph.D. Thesis | | Title in English: Assessment of Ground Water Quality and Recharge Potential in Kabul, Afghanistan | | Title in Hindi: असेसमेंट ऑफ़ ग्राउंड वाटर क्वालिटी एंड रिचार्ज पोटेंशियल इन काबुल, अफ़ग़ानिस्तान | | |

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Department of Bio-Technology

| 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/PHDBT/01 | Megha | मेघा | Bio-Technology | 10 th December, 2024 | Prof. J. Gopal Sharma & Dr. Deenan Santhiya |
| Title of Ph.D. Thesis | | Title in English: Synergistic Plant-Microbe Interaction in Modulating Moco/Nano Plastic Degradation for Sustainable Ecosystem | | Title in Hindi: सिनर्जिस्टिक प्लांट-माइक्रोब इंटरैक्शन इन मॉड्युलैटिंग मोकरो/नैनो प्लास्टिक डिग्रैडेशन फॉर सस्टेनेबल इकोसिस्टम | | |

Gadhuks

In-charge (Results)

Dated: 13.12.2024

Rlandey

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Department of Software 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/PHDCO/02 | Kishwar Khan | किश्वर खान | Software Engineering | 11 th December, 2024 | Prof. Ruchika Malhotra |
| Title of Ph.D. Thesis | | Title in English: Development and Validation of Feature Selection Techniques for Software Defect Prediction | | Title in Hindi: डेवलपमेंट एंड वेलिडेशन ऑफ़ फीचर सिलेक्शन टेक्निक्स फॉर सॉफ्टवेयर डिफेक्ट प्रेडिक्शन | | |

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Department of Information Technology

| 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/PHDIT/502 | Anusha Chhabra | अनुषा छाबरा | Information Technology | 9 th December, 2024 | Prof. D. K. Vishavakarma |
| Title of Ph.D. Thesis | | Title in English: Design and Development of FrameWork for Detection of Hate Content | | Title in Hindi: डिज़ाइन एंड डेवलपमेंट ऑफ़ फ्रेमवर्क फॉर डिटेक्शन ऑफ़ हेट कंटेंट | | |

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Department of Information Technology

| 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. | 2K14/PHDIT/05 | Anamika Chauhan | अनामिका चौहान | Information Technology | 9 th December, 2024 | Prof. Kapil Sharma |
| Title of Ph.D. Thesis | | Title in English: Design and Implementation of Delay Tolerant Techniques In Internet of Things | | Title in Hindi: डिज़ाइन एंड इम्प्लीमेंटेशन ऑफ़ डिले टोलेरेंट टेक्निक्स इन इंटरनेट ऑफ़ थिंग्स | | |

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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. | 2K19/PHDME/23 | Shubhangi Chourasia | शुभांगी चौरसिया | Mechanical Engineering | 4 th December, 2024 | Prof. Qasim Murtaza & Dr. Saurabh Agrawal |
| Title of Ph.D. Thesis | | Title in English: Development and Characterization of Carbon-Based Composite Coating for Wear Resistance Applications | | Title in Hindi: डेवलपमेंट एंड कैरेक्टराइजेशन ऑफ कार्बन-बेस्ड कम्पोजिट कोटिंग फॉर वियर रेजिस्टेंस एप्लिकेशन्स | | |

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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. | 2K16/PHDME/52 | Rajesh Kumar Maurya | राजेश कुमार मौर्य | Mechanical Engineering | 6 th December, 2024 | Dr.M.S. Niranjana |
| Title of Ph.D. Thesis | | Title in English: Experimental Investigations into Enhancing the Machineability of EN - 36C | | Title in Hindi: एक्सपेरिमेंटल इन्वेस्टीगेशंस ईटो एन्हान्सिंग द मशीनएबिलिटी ऑफ़ EN -36C | | |

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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. | 2K17/PHDAP/16 | Shivangi Rajput | शिवांगी राजपूत | Applied Physics | 7 th December, 2024 | Dr. Amrish K. Panwar & Prof. Amit Gupta |
| Title of Ph.D. Thesis | | Title in English: Structural and Electrochemical Studies of Non-intercalation Type Alternative Anode Materials for Lithium-ion Batteries | | Title in Hindi: स्ट्रक्चरल एंड एलेक्ट्रोकेमिकल स्टडीज ऑफ नॉन- इंटरकैलेशन टाइप अल्टरनेटिव एनोड मैटेरियल्स फॉर लिथियम-आयन बैटरीज | | |

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Department of Information Technology

| 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/PHDIT/03 | Allam Venkata Siva Swetha | अल्लाम वेकटा शिवा स्वेता | Information Technology | 13 th December, 2024 | Prof. Kapil Sharma & Dr. Manju Bala |
| Title of Ph.D. Thesis | | Title in English: Design and Evaluation of Image Processing Model Using Machine Learning Approaches | | Title in Hindi: डिज़ाइन एंड इवैल्यूएशन ऑफ़ इमेज प्रोसेसिंग मॉडल युसिंग मशीन लर्निंग अप्रोचेस | | |

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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. | 2K17/PHDAC/14 | Juikar Subodh Kamalakar | जुईकर सुबोध कमलाकर | Chemistry | 9 th December, 2024 | Prof. S.G. Warkar |
| Title of Ph.D. Thesis | | Title in English: Fabrication and Analysis of Biopolymer Based Materials for Packaging Applications | | Title in Hindi: फॅब्रिकेशन एंड एनालेसिस ऑफ बायोपॉलीमर बेस्ड मटेरियल्स फॉर पैकेजिंग ऍप्लिकेशन्स | | |

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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. | 2K19/PHDAC/502 | Indu Rani | इन्दु रानी | Applied Chemistry | 10 th December, 2024 | Prof. S.G. Warkar |
| Title of Ph.D. Thesis | | Title in English: Development of Biopolymers Based Hydrogels for Various Applications | | Title in Hindi: डेवलपमेंट ऑफ़ बीओपोलीमर्स बेस्ड ह्यूड्रोजल्स फॉर वेरियस ऍप्लिकेशन्स | | |

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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. | 2K18/PHDME/06 | Neeraj Kumar | नीरज कुमार | Mechanical Engineering | 5 th December, 2024 | Prof. B.B. Arora & Prof. S. Maji |
| Title of Ph.D. Thesis | | Title in English: Thermodynamic Analysis of Environmental Effect of IC Engine | | Title in Hindi: थर्मोडीनमिक एनालिसिस ऑफ़ एनवायर्नमेंटल इफ़ेक्ट ऑफ़ IC इंजन | | |

Prachin

In-charge (Results)
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R. Pandey

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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. | 2K17/PHDEE/11 | Shirish Raizada | शिरिश रायज़ादा | Electrical Engineering | 6 th December, 2024 | Prof. Vishal Verma |
| Title of Ph.D. Thesis | | Title in English: Power Electronic Converters for Interfacing to DC Microgrid | | Title in Hindi: पॉवर इलेक्ट्रॉनिक कन्वर्टर्स फॉर इंटरफेसिंग to DC मइक्रोग्रिड | | |

Prachin...

In-charge (Results)
Dated: 13.12.2024

R. Pandey

Controller of Examination



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

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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/29 | Shrikant Vidya | श्रीकांत विद्या | Mechanical Engineering | 9 th December, 2024 | Prof. Reeta Wattal & Prof. P.V. Rao |
| Title of Ph.D. Thesis | | Title in English: Investigations on Part Geometry and Surface Finish by Electrical Discharge Machining (EDM) | | Title in Hindi: इंवेस्टीगेशंस ऑन पार्ट ज्योमेट्री एंड सरफेस फिनिश बाइ इलेक्ट्रिकल डिस्चार्ज मशीनिंग (EDM) | | |

Prabhakar

In-charge (Results)

Dated: 13.12.2024

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Department of Humanities

| 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. | 2K18/PHDHU/503 | Bithika Gorai | बीथिका गौराई | English | 13 th December, 2024 | Prof. Rajiv Ranjan Dwivedi |
| Title of Ph.D. Thesis | | Title in English: Reading the Mahabharat : A Study of Select Contemporary Retellings Across Genres and Media | | Title in Hindi: रीडिंग द महाभारत: अ स्टडी ऑफ़ सिलेक्ट कंटेम्पररी रीटेलिंग्स अक्रॉस जॉनराज़ एंड मीडिया | | |

Ranjan

In-charge (Results)
Dated: 13.12.2024

Ranjan

Controller of Examination



Delhi Technological University
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Department of Humanities

| 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/PHDHU/504 | Akanksha Singh | आकांक्षा सिंह | Economics | 13 th December, 2024 | Prof. Nand Kumar |
| Title of Ph.D. Thesis | | Title in English: A Study of the Interrelationship among Energy, Economy and Environment | | Title in Hindi: ए स्टडी ऑफ़ द इंटररिलेशनशिप अमंग एनर्जी, इकॉनमी एंड एनवायरनमेंट | | |

Acharya

In-charge (Results)
Dated: 13.12.2024

Randey

Controller of Examination



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Department of Humanities

| 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. | 2K18/PHDHU/501 | Hariom Prakash Verma | हरिओम प्रकाश वर्मा | Economics | 13 th December, 2024 | Prof. Nand Kumar |
| Title of Ph.D. Thesis | | Title in English: Liberalisation in Agricultural Trade : A Study of Food Security in India After 2001 | | Title in Hindi: लिब्रलाइजेशन इन एग्रीकल्चरल ट्रेड : ए स्टडी ऑफ़ फूड सिक्योरिटी इन इंडिया आफ्टर 2001 | | |

Rachhukar

In-charge (Results)

Dated: 13.12.2024

R. Pandey

Controller of Examination



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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. | 2K19/PHDAC/02 | Priyanka Meena | प्रियंका मीणा | Chemistry | 9 th December, 2024 | Prof. S. G Warkar |
| Title of Ph.D. Thesis | | Title in English: Synthesis, Characterization and Application of Biopolymeric Hydrogels in Drug Delivery | | Title in Hindi: सिंथेसिस, कैरेक्टराइजेशन एंड एप्लीकेशन ऑफ बायो पॉलीमरिक हाईड्रोजेल्स इन ड्रग डिलीवरी | | |

In-charge (Results)

Dated: 13.12.2024

Controller of Examination



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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/05 | Anu | अनु | Physics | 13 th December, 2024 | Prof. A. S. Rao |
| Title of Ph.D. Thesis | | Title in English: Structural, Morphological and Photoluminescence Characterization of some Rare Earth ions doped Lithium Barium Tungstate Phosphor for Photonic Applications | | Title in Hindi: स्ट्रक्चरल, मॉर्फोलॉजिकल एंड फोटोलूमिनेसिन्स कैरेक्टराइजेशन ऑफ़ सम रेयर अर्थ आयोन्स डोप्ड लिथियम बेरियम तंगस्टेट फॉस्फर फॉर फोटोनिक ऐप्लिकेशन्स फोटोलूमिनेसिन्स | | |

In-charge (Results)
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Department of Environmental 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/PHDEN/06 | Shivani Yadav | शिवानी यादव | Environmental Engineering | 11 th December, 2024 | Prof. A. K. Haritash & Dr. Sunil Kumar |
| Title of Ph.D. Thesis | | Title in English: Treatment Of Chlorophenols In Industrial Effluents Using Advanced Oxidation Processes (AOPs) | | Title in Hindi: ट्रीटमेंट ऑफ क्लोरोफेनॉल्स इन इंडस्ट्रियल एफ्लुएंट्स यूज़िंग एडवांस्ड ऑक्सीडेशन प्रोसेसेज़ (AOPs) | | |

In-charge (Results)

Dated: 13.12.2024

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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. | 2K21/PHDEC/13 | Shivani Yadav | शिवानी यादव | Electronics & Communication Engineering | 13 th December, 2024 | Dr. Sonam Rewari |
| Title of Ph.D. Thesis | | Title in English: Analytical Modeling and Numerical Simulation of Gate-All-Around Field Effect Transistor for Sensing Applications | | Title in Hindi: एनालिटिकल मॉडलिंग एंड न्यूमेरिकल सिमुलेशन ऑफ गेट-आल-अराउंड फील्ड इफेक्ट ट्रांसिस्टर फॉर सेंसिंग ऐप्लिकेशन्स | | |

(Signature)

In-charge (Results)

Dated: 13.12.2024

(Signature)

Controller of Examination



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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. | 2K20/PHDEE/10 | Ajit Dattu Nandawadekar | अजीत दत्त नांदवडेकर | Electrical Engineering | 12 th December, 2024 | Prof. Mukhtiar Singh & Dr. Soumen Kar, Scientist G, IUAC |
| Title of Ph.D. Thesis | | Title in English: Field Stability and External Interference Shielding of 1.5 T Clinical MRI Scanner | | Title in Hindi: फील्ड स्टेबिलिटी एंड एक्सटर्नल इंटरफेरेंस शील्डिंग ऑफ 1.5 T क्लीनिकल MRI स्कैनर | | |

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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. | 2K18/PHDEC/502 | Amarandra Kumar Mishra | अमरेन्द्र कुमार मिश्रा | Electronics & Communication Engineering | 13 th December, 2024 | Prof. M. S. Choudhry & Dr. Manjeet Kumar |
| Title of Ph.D. Thesis | | Title in English: Study of Image Enhancement and Restoration Techniques for Underwater Images | | Title in Hindi: स्टडी ऑफ़ इमेज एनहांसमेंट एंड रिस्टोरेशन टेक्निक्स फॉर अंडरवाटर इमेजिस | | |

In-charge (Results)

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Department of Environmental 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/PHDEN/501 | Nibedita Verma | निबेदिता वर्मा | Environmental Engineering | 14 th December, 2024 | Dr. Geeta Singh & Prof. Naved Ahsan |
| Title of Ph.D. Thesis | | Title in English: Development of an Approach for Water Quality Management in Urban River Reaches | | Title in Hindi: डेवलपमेंट ऑफ़ एन एप्रोच फॉर वाटर क्वालिटी मैनेजमेंट इन अर्बन रिवर रिचिस | | |

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University School of Management and Entrepreneurship

| 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/PHDUJIEV/04 | Mohan Kumar Mishra | मोहन कुमार मिश्रा | University School of Management and Entrepreneurship | 13 th December, 2024 | Amit Mookerjee |
| Title of Ph.D. Thesis | | Title in English: A Study on Managerial Effectiveness and Bank Performance in Scheduled Urban Cooperative Banks in India | | Title in Hindi: ए स्टडी ऑन मैनेजरियल इफेक्टिवनेस एंड बैंक परफॉरमेंस इन स्केड्यूल्ड अर्बन कोआपरेटिव बैंक्स इन इंडिया | | |

(Signature)

In-charge (Results)

Dated: 17.12.2024

(Signature)

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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. | 2K20/PHDEE/16 | Parul Kansal | पारुल कंसल | Electrical Engineering | 13 th December, 2024 | Dr. Anup Kumar Mandpura & Prof. Narendra Kumar II |
| Title of Ph.D. Thesis | | Title in English: Design and Analysis of Antenna for 5G Wireless Communication | | Title in Hindi: डिज़ाइन एंड एनालिसिस ऑफ़ ऐन्टेना फॉर 5G वायरलेस कम्युनिकेशन | | |

In-charge (Results)

Dated: 17.12.2024

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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. | 2K19/PHDAP/504 | Priyanka | प्रियंका | Applied Physics | 14 th December, 2024 | Prof. Rinku Sharma |
| Title of Ph.D. Thesis | | Title in English: Transport and Optical Properties for Nanostructures Under the Influence of Rashba Spin Orbit Interaction | | Title in Hindi: ट्रांसपोर्ट एंड ऑप्टिकल प्रॉपर्टीज फॉर नैनो स्ट्रक्चर्स अंडर द इन्फ्लुएंस ऑफ़ राशबा स्पिन ऑर्बिट इंटरैक्शन | | |

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Dated: 17.12.2024

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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/34 | Pradeep Kumar Mouria | प्रदीप कुमार मौर्या | Mechanical Engineering | 16 th December, 2024 | Prof. Rangnath M. Singari & Prof. Reeta Wattal |
| Title of Ph.D. Thesis | | Title in English: Experimental Investigations in Friction Stir Welding of Non Ferrous Dissimilar Materials | | Title in Hindi: एक्सपेरिमेंटल इन्वेस्टीगेशंस इन फ्रिक्शन स्तिर वेल्डिंग ऑफ़ नॉन फेरस डिसिमिलर मैटेरियल्स | | |

In-charge (Results)

Dated: 17.12.2024

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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/02 | Dhruv Sharma | ध्रुव शर्मा | Electronics & Communication Engineering | 16 th December, 2024 | Prof. Dinesh Kumar & Dr. Chhavi Dhiman |
| Title of Ph.D. Thesis | | Title in English: Image Captioning Using Deep-Learning Techniques | | Title in Hindi: इमेज कैप्शनिंग युसिंग डीप-लर्निंग टेक्निक्स | | |

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Dated: 17.12.2024

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Department of Humanities

| 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/PHDHUECO/01 | Japji Kaur | जपजी कौर | Economics | 16 th December, 2024 | Prof. Seema Singh |
| Title of Ph.D. Thesis | | Title in English: The Leadership of Women in STEM Education: A Study of Engineering Institutions in Delhi | | Title in Hindi: दू लीडरशिप ऑफ वूमन इन स्टेम एजुकेशन: ए स्टडी ऑफ इंजीनियरिंग इंस्टीट्यूशन्स इन दिल्ली | | |

In-charge (Results)

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Department of Information Technology

| 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/PHDIT/04 | Nidhi | निधि | Information Technology | 17 th December, 2024 | Dr. Bindu Verma |
| Title of Ph.D. Thesis | | Title in English: Development of Framework for Facial Emotion Recognition | | Title in Hindi: डेवलपमेंट ऑफ़ फ्रेमवर्क फॉर फेशियल इमोशन रिकग्निशन | | |

In-charge (Results)
Dated: 17.12.2024

Controller of Examination



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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. | 2K20/PHDEE/502 | Ranjeet Singh | रंजीत सिंह | Electrical Engineering | 16 th December, 2024 | Prof. Vinod Kumar Yadav & Prof. Madhusudan Singh |
| Title of Ph.D. Thesis | | Title in English: Analysis and Performance Enhancement of Solar Photovoltaic Systems Under Sub-Optimal Operating Conditions | | Title in Hindi: एनालिसिस एंड परफॉरमेंस एनहांसमेंट ऑफ़ सोलर फोटोवोल्टाइक सिस्टम्स अंडर सब-ऑप्टीमल ऑपरेटिंग कंडीशंस | | |

Radhika

In-charge (Results)
Dated: 17.12.2024

R.Randey

Controller of Examination



Delhi Technological University

(Formerly Delhi College of Engineering)

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Department of Bio-Technology

| 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/PHDBT/12 | Kritika Sharma | कृतिका शर्मा | Bio-Technology | 17 th December, 2024 | Prof. Yasha Hasija & Dr. Neeru Saini, CSIR, IGIB |
| Title of Ph.D. Thesis | | Title in English: Role of MicroRNAs in Regulating Mitochondrial Biogenesis and Function | | Title in Hindi: रोल ऑफ माइक्रोआरएनए इन रेगुलेटिंग मिटोकॉन्ड्रियल बायोजेनेसिस एंड फंक्शन | | |

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Department of Bio-Technology

| 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/PHDBT/13 | Ritu | रितु | Bio-Technology | 17 th December, 2024 | Dr. Asmita Das & Dr. Prakash Chandra |
| Title of Ph.D. Thesis | | Title in English: Development of Nanoparticle Mediated Drug Delivery System for Anticancer Bioactive Compounds | | Title in Hindi: डेवलपमेंट ऑफ नैनोपार्टिकल मेडिएटेड ड्रग डिलीवरी सिस्टम फॉर एंटीकैंसर बायोएक्टिव कंपाउंड्स | | |

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Department of Humanities

| 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/PHDHUM/501 | Mallika Tosha | मल्लिका तोषा | English | 17 th December, 2024 | Prof. Rajiv Ranjan Dwivedi |
| Title of Ph.D. Thesis | | Title in English: Studying Ecocriticism through Folk Literature from Bihar | | Title in Hindi: स्टडींग इकोक्रिटिसिज्म थू फोक लिटरेचर फ्रॉम बिहार | | |

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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. | 2K16/PHDEC/08 | Parveen Rani | परवीन रानी | Electronics & Communication Engineering | 17 th December, 2024 | Prof. Rajeshwari Pandey |
| Title of Ph.D. Thesis | | Title in English: Development of CM Circuits for Analog Signal Processing and Signal Generation | | Title in Hindi: डेवलपमेंट ऑफ़ सी एम सर्किट्स फॉर एनालॉग सिग्नल प्रोसेसिंग एंड सिग्नल जनरेशन | | |

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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. | 2K18/PHDEC/513 | Om Krishna Gupta | ओम कृष्णा गुप्ता | Electronics & Communication Engineering | 17 th December, 2024 | Prof. Neeta Pandey & Prof. Maneesha Gupta |
| Title of Ph.D. Thesis | | Title in English: Analysis and Design of CMOS Multistage Amplifiers | | Title in Hindi: एनालिसिस एंड डिज़ाइन ऑफ़ CMOS मल्टीस्टेज एम्पलीफ़ायर्स | | |

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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. | 2K18/PHDME/42 | Shahazad Ali | शहज़ाद अली | Mechanical Engineering | 18 th December, 2024 | Prof. Qasim Murtaza & Dr. Pallavi Gupta |
| Title of Ph.D. Thesis | | Title in English: Investigation of Structural and Mechanical Behavior of AA6351/Gr/TiC/B4C/WC Hybrid Metal Matrix Composites | | Title in Hindi: इन्वेस्टीगेशन ऑफ़ स्ट्रक्चरल एंड मैकेनिकल बिहेवियर ऑफ़ AA6351/Gr/TiC/B4C/WC हाइब्रिड मेटल मैट्रिक्स कंपोजिट्स | | |

In-charge (Results)

Dated: 18.12.2024

Controller of Examination