



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

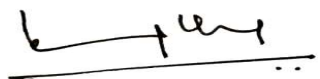
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**Department of Applied Mathematics**

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.	2K16/PHDAM/04	Ram Pratap	राम प्रताप	Applied Mathematics	1 <sup>st</sup> December, 2020	Prof. Naokant Deo
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Certain Approximation Methods of Convergence for Linear Positive Operators		<b>Title in Hindi:</b> सर्टेन अप्रोक्सिमेशन मेथड्स ऑफ़ कन्वर्जेन्स फॉर लीनियर पॉजिटिव ऑपरेटर्स		

**In-charge (Results)**

Dated: 07.12.2020

  
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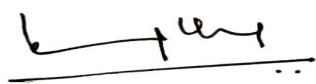
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## Department of Environmental Engineering

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.	2K12/PHDEN/07	Jyoti Pokhariyal	ज्योति पोखरियाल	Environmental Engg.	24 <sup>th</sup> November, 2020	Dr. (Mrs.) Anubha Mandal & Dr. Shankar G. Aggarwal
Title of Ph.D. Thesis		Title in English: Uncertainty Calculation in Aerosol Measurements		Title in Hindi: अनसर्टेनिटी कैलकुलेशन इन एरोसोल मेजरमेंट्स		

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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/09	S. Shankar Subramanian	एस. शंकर सुब्रमण्यम	Applied Physics	1 <sup>st</sup> December, 2020	Dr. M. Jayasimhadri & Prof. O.P. Thakur
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Synthesis and characterization of BaTiO <sub>3</sub> -based magneto electric composites for energy storage applications		<b>Title in Hindi:</b> सिंथेसिस एंड कैरेक्टेराइजेशन ऑफ़ BaTiO <sub>3</sub> -बेस्ड मैग्नेटो इलेक्ट्रिक कंपोजिट्स फॉर एनर्जी स्टोरेज ऍप्लिकेशन्स		

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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.	2K14/PHDEN/01	Manisha Verma	मनीषा वर्मा	Environmental Engineering	2 <sup>nd</sup> December, 2020	Dr. A.K. Haritash
Title of Ph.D. Thesis		Title in English: Treatment of Pharmaceutical Wastewater Using Advanced Oxidation Processes		Title in Hindi: ट्रीटमेंट ऑफ़ फार्मास्यूटिकल वेस्ट वाटर युसिंग एडवांस्ड ऑक्सीडेशन प्रोसेस		

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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.	2K17/PHDEC/09	Dwijendra Pandey	दिजेन्द्र पाण्डेय	Electronics & Comm. Engg.	30 <sup>th</sup> November, 2020	Prof. K.C. Tiwari
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Detection and identification of Engineered surfaces using imaging spectrometry		<b>Title in Hindi:</b> डिटेक्शन एंड आइडेंटिफिकेशन ऑफ इंजीनियर्ड सर्फेसेस युजिंग इमेजिंग स्पेक्ट्रोमेट्री		

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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.	2K11/PHDME/12	Kroviddi Srinivas	क्रोव्दिडि श्रीनिवास	Mechanical Engineering.	12 <sup>th</sup> December, 2020	Prof. Qasim Murtaza & Prof. A.K. Agarwal
Title of Ph.D. Thesis		Title in English: A Study of Viscoelastic magnetic Abrasive Finishing Process		Title in Hindi: ए स्टडी ऑफ़ विसकोएलास्टिक मैग्नेटिक अबरेसिव फिनिशिंग प्रोसेस		

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## Department of Computer Science & 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/PHDCO/02	Arunima Jaiswal	अरुणिमा जायसवाल	Computer Science & Engineering	12 <sup>th</sup> December, 2020	Dr. Akshi Kumar
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Sentiment Analysis on Social Media using Soft Computing Techniques		<b>Title in Hindi:</b> सेंटीमेंट एनालिसिस ऑन सोशल मीडिया यूजिंग सॉफ्ट कंप्यूटिंग टेक्निक्स		

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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/06	Ashish Kumar	आशीष कुमार	Information Technology	16 <sup>th</sup> December, 2020	Prof. N S Raghava
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Some Studies on Information Security Services and their Mechanisms		<b>Title in Hindi:</b> सम स्टडीज ऑन इनफार्मेशन सिक्योरिटी सर्विसेज एंड देयर मैकेनिज्म		

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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.	2K13/PHDME/03	Ravindra Kannojiya	रवीन्द्र कनौजिया	Mechanical Engineering	15 <sup>th</sup> December, 2020	Prof. Rajesh Kumar
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Performance Analysis of Solar Thermal Driven Advanced Refrigeration Systems Using Intelligent Techniques		<b>Title in Hindi:</b> परफॉरमेंस एनालिसिस ऑफ़ सोलर थर्मल ड्रिवेन एडवांस्ड रेफ्रिजरेशन सिस्टम्स युजिंग इंटेलीजेंट टेक्निक्स		

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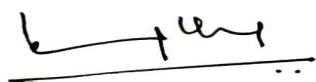
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## Department of Applied Physics

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.	2K16/PHDAP/16	Pooja Chauhan	पूजा चौहान	Applied Physics	15 <sup>th</sup> December, 2020	Dr. Ajeet Kumar & Dr. Yogita Kalra
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Design and Modeling of Specialty Optical Fibres for Supercontinuum Generation		<b>Title in Hindi:</b> डिज़ाइन एंड मॉडलिंग ऑफ़ स्पेशलिटी ऑप्टिकल फाइबर फॉर सुपरकॉन्टिनुम जनरेशन		

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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.	2K14/PHDAP/01	Ruchi Sharma	रूचि शर्मा	Applied Physics	16 <sup>th</sup> December, 2020	Prof. S.C. Sharma
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Nonlinear Propagation of Electromagnetic Beam in Dusty Plasmas		<b>Title in Hindi:</b> नॉन लीनियर प्रोपेगेशन ऑफ़ इलेक्ट्रोमैग्नेटिक बीम इन स्टडी प्लास्मास		

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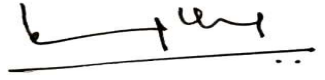
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## Department of Electronics & Communication Engineering

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.	2K13/PHDCE/04	Amrita Bhandari	अमृता भंडारी	Civil Engineering	11 <sup>st</sup> December, 2020	Dr. K. C. Tiwari
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Target Detection and Enhancement in Hyperspectral Data Using Super Resolution Mapping		<b>Title in Hindi:</b> टारगेट डिटेक्शन एंड एनहांसमेंट इन हय्पेस्पेक्ट्रल डाटा युजिंग सुपर रेसोलुशन मैपिंग		

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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.	2K15/PHDEC/02	Lalit Goswami	ललित गोस्वामी	Electronics & Communication Engineering	18 <sup>th</sup> December, 2020	Prof. Rajeshwari Pandey
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Fabrication of III-Nitride Based Energy Efficient Ultraviolet Photodetector		<b>Title in Hindi:</b> फेब्रिकेशन ऑफ़ III-नाइट्राइड बेस्ड एनर्जी एफिसिएंट अल्ट्रावायलेट फोटोडेटेक्टर		

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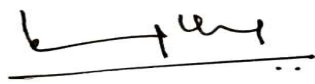
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## Department of Civil Engineering

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.	2K14/PHDCE/01	Ibadur Rahman	इबादुर रहमान	Civil Engineering	20 <sup>th</sup> December, 2020	Prof. Nirendra Dev
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b>		<b>Title in Hindi:</b>		
		Fabrication and Characterization of High Strength Cementitious Nano Composites for Smart Buildings		फैब्रिकेशन एंड कैरेक्टराइजेशन ऑफ़ हाई स्ट्रेंथ सीमेंटिटियस नैनो कंपोजिट्स फॉर स्मार्ट बिल्डिंग्स		

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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.	2K13/PHDEE/01	Jyoti Kulkarni	ज्योति कुलकर्णी	Electrical Engineering	21 <sup>st</sup> December, 2020	Prof. Narendra Kumar & Prof. Bhim Singh
<b>Title of Ph.D. Thesis</b>		<b>Title in English:</b> Design and Analysis of Multilevel Converter for Grid Applications		<b>Title in Hindi:</b> डिज़ाइन एंड एनालिसिस ऑफ़ मल्टीलेवल कनवर्टर फॉर ग्रीड ऐप्लिकेशन्स		

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